

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AC 600  
Lease Number: G08580  
Well Name: 001  
API Well Number: 608054000100  
Paleo Report Num: 2 of 3  
Public Info Code: Y 22-JUN-1998

Date of Summary: 21-MAY-1997  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: ROBERT WITROCK  
Drilling Operator: SHELL OFFSHORE INC  
Sample Range: 9290 - 11254  
Ecozone Eq MMS: Y

First Sample Examined: 9290  
Borehole MD: 11253  
Borehole TVD: 11253  
Rkb Elevation: 50  
Water Depth: 7620  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9290 / 9290	DEF AT first sample examined	DEF AT 5
9500 / 9500	DEF AT sand	DEF AT 5
9560 / 9560	POS AT Upper Oligocene (Chattian) Globigerina sellii	DEF AT 5
9800 / 9800	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 5
10100 /10100	DEF IN Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 5
10370 /10370	POS AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 5
10760 /10760	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 5
10820 /10820	DEF AT drilling material	DEF AT 5
10880 /10880	POS AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF AT 5
10940 /10940	DEF AT drilling material	DEF AT 5
10970 /10970	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT 5
11030 /11030	DEF AT Lower Eocene (Ypresian) Morozovella rex/ subbotinae	DEF AT 5
11090 /11090	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 5
11240 /11240	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> AT 8	<b>Date of Summary:</b> 01-MAR-1997	<b>First Sample Examined:</b> 5400
<b>Lease Number:</b> G09995	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 20960
<b>Well Name:</b> 001	<b>Paleo Done By:</b> BUGWARE, INC.	<b>Borehole TVD:</b> 20709
<b>API Well Number:</b> 608184000600	<b>Drilling Operator:</b> SHELL DEEPWATER DEVELOPMENT INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5400 - 13920	<b>Water Depth:</b> 3135
<b>Public Info Code:</b> Y 30-APR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 5400	DEF AT first sample examined	DEF AT
9660 / 9660	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
10860 /10860	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
11550 /11550	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12300 /12300	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13890 /13888	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13920 /13918	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> AT 8	<b>Date of Summary:</b> 17-MAY-1997	<b>First Sample Examined:</b> 5220
<b>Lease Number:</b> G09995	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 20960
<b>Well Name:</b> 001	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 20709
<b>API Well Number:</b> 608184000600	<b>Drilling Operator:</b> SHELL DEEPWATER DEVELOPMENT INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 5220 - 20960	<b>Water Depth:</b> 3135
<b>Public Info Code:</b> Y 30-APR-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 / 5220	DEF AT first sample examined	DEF IN 3
5280 / 5280	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5700 / 5700	DEF AT local marker foram increase	DEF AT 4
6060 / 6060	DEF AT local marker foram increase	DEF AT 4
6210 / 6210	DEF AT local marker foram increase	DEF AT 4
6390 / 6390	DEF AT local marker foram increase	DEF AT 4
6810 / 6810	DEF AT -----	DEF IN 3
6870 / 6870	DEF AT -----	POS AT 3
6930 / 6930	DEF AT -----	DEF AT 4
6990 / 6990	DEF AT local marker foram increase	DEF AT 4
7440 / 7440	DEF AT -----	DEF IN 3
7740 / 7740	DEF AT local marker foram increase	DEF AT 4
7800 / 7800	DEF AT transported outer shelf facies	DEF AT 4
8010 / 8010	DEF AT -----	DEF IN 3
8160 / 8160	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisces (acme "A")	DEF AT 4
9390 / 9390	DEF AT -----	DEF IN 3
9510 / 9510	DEF AT sample gap top	DEF IN 3
9570 / 9570	DEF AT sample gap bottom	DEF IN 3
9600 / 9600	DEF AT sample gap top	DEF IN 3
9659 / 9659	DEF AT sample gap bottom	DEF IN 3
9660 / 9660	DEF AT local marker foram increase	DEF AT 4
9840 / 9840	DEF AT -----	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 8  
 Lease Number: G09995  
 Well Name: 001  
 API Well Number: 608184000600  
 Paleo Report Num: 2 of 3  
 Public Info Code: Y 30-APR-1998

Date of Summary: 17-MAY-1997  
 Source of Paleo: OPERATOR  
 Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
 Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
 Sample Range: 5220 - 20960  
 Ecozone Eq MMS: Y

First Sample Examined: 5220  
 Borehole MD: 20960  
 Borehole TVD: 20709  
 Rkb Elevation: 84  
 Water Depth: 3135  
 Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9870 / 9870	DEF AT -----	DEF AT 4
10020 /10020	DEF AT -----	POS AT 3
10050 /10050	DEF AT local marker foram increase	DEF AT 4
10110 /10110	DEF AT local marker foram increase	DEF AT 4
10800 /10800	DEF AT -----	DEF IN 3
10890 /10890	DEF AT -----	DEF AT 4
10950 /10950	DEF AT local marker foram increase	POS IN 4
10980 /10980	DEF AT -----	DEF AT 4
11100 /11100	DEF AT -----	DEF IN 3
11190 /11190	DEF AT -----	POS AT 4
11280 /11280	DEF AT sample gap top	POS AT 4
11370 /11370	DEF AT sample gap bottom	POS AT 4
11550 /11550	DEF AT -----	DEF IN 3
12330 /12330	DEF AT -----	POS AT 4
12510 /12510	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS IN 4
12540 /12540	DEF AT -----	DEF AT 4
12750 /12750	DEF AT local marker planktic foram increase	DEF AT 4
12840 /12840	DEF AT reworked material	DEF AT 4
13200 /13200	DEF AT -----	DEF IN 3
14310 /14303	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
14370 /14361	DEF AT -----	DEF IN 4
14490 /14478	DEF AT -----	DEF AT 5
14610 /14595	DEF AT -----	DEF IN 4
14640 /14624	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 8  
Lease Number: G09995  
Well Name: 001  
API Well Number: 608184000600  
Paleo Report Num: 2 of 3  
Public Info Code: Y 30-APR-1998

Date of Summary: 17-MAY-1997  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
Sample Range: 5220 - 20960  
Ecozone Eq MMS: Y

First Sample Examined: 5220  
Borehole MD: 20960  
Borehole TVD: 20709  
Rkb Elevation: 84  
Water Depth: 3135  
Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14820 /14797	DEF AT -----	DEF IN 4
14850 /14826	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
15030 /14997	DEF AT -----	DEF AT 4
15090 /15055	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
15210 /15170	DEF AT -----	DEF AT 4
15240 /15199	DEF AT -----	DEF IN 3
16050 /15979	DEF AT -----	DEF AT 3
16080 /16008	DEF AT -----	DEF IN 3
16110 /16037	DEF AT -----	DEF AT 4
16140 /16065	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
16410 /16324	DEF AT -----	DEF IN 3
16680 /16582	DEF AT -----	DEF AT 4
16710 /16611	DEF AT -----	DEF IN 3
16980 /16869	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 3
17010 /16897	DEF AT -----	DEF AT 4
17070 /16954	DEF AT -----	DEF IN 3
17220 /17097	DEF AT -----	DEF AT 3
17370 /17241	DEF AT -----	DEF IN 3
17400 /17269	DEF AT -----	DEF AT 3
17550 /17413	DEF AT local marker foram increase	DEF AT 3
17670 /17527	DEF AT -----	DEF IN 3
17819 /17670	DEF AT -----	DEF AT 4
17820 /17671	POS IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
17850 /17699	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 8  
 Lease Number: G09995  
 Well Name: 001  
 API Well Number: 608184000600  
 Paleo Report Num: 2 of 3  
 Public Info Code: Y 30-APR-1998

Date of Summary: 17-MAY-1997  
 Source of Paleo: OPERATOR  
 Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
 Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
 Sample Range: 5220 - 20960  
 Ecozone Eq MMS: Y

First Sample Examined: 5220  
 Borehole MD: 20960  
 Borehole TVD: 20709  
 Rkb Elevation: 84  
 Water Depth: 3135  
 Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18060 /17901	POS AT reworked material	DEF AT 4
18119 /17958	DEF AT reworked material	DEF AT 4
18120 /17959	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
18240 /18074	DEF AT -----	DEF IN 3
18330 /18161	DEF AT local marker foram increase	DEF AT 4
18510 /18333	DEF AT local marker benthic foram increase	POS AT 3
18540 /18362	DEF AT -----	DEF AT 4
18660 /18477	DEF AT -----	DEF IN 3
18900 /18709	DEF AT -----	DEF AT 3
19050 /18854	DEF AT local marker foram increase	DEF AT 3
19260 /19057	DEF AT -----	POS IN 3
19590 /19374	DEF AT local marker foram increase	DEF AT 4
19890 /19663	DEF AT -----	POS IN 3
19920 /19692	DEF AT -----	POS AT 4
19980 /19750	DEF AT -----	POS IN 3
20040 /19808	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	POS IN 3
20070 /19837	DEF AT -----	DEF AT 3
20190 /19954	DEF AT Arenaceous fauna (local marker)	DEF IN 3
20430 /20188	DEF AT local marker foram increase	DEF IN 3
20960 /20710	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 8	Date of Summary: 19-MAR-1998	First Sample Examined: 5220
Lease Number: G09995	Source of Paleo: OPERATOR	Borehole MD: 20960
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20709
API Well Number: 608184000600	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 3 of 3	Sample Range: 5220 - 20960	Water Depth: 3135
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5220 / 5220	DEF AT first sample examined	DEF AT 3
5221 / 5221	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
8160 / 8160	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
8161 / 8161	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12300 /12300	POS AT unconformity	DEF AT 3
12301 /12301	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
14309 /14302	POS AT unconformity	DEF AT 4
14310 /14303	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
14370 /14361	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
14371 /14362	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
14430 /14420	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
19620 /19403	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
19621 /19404	DEF IN Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT 4
20159 /19924	POS AT reworked material	DEF AT
20160 /19924	POS AT Lower Pliocene (Zanclian) Sphenolithus grandis	DEF AT
20959 /20709	POS AT reworked material	DEF AT
20960 /20710	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 119	Date of Summary: 10-FEB-1999	First Sample Examined: 9975
Lease Number: G10005	Source of Paleo: OPERATOR	Borehole MD: 16518
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15969
API Well Number: 608184001000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 9975 - 16480	Water Depth: 7716
Public Info Code: Y 29-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9975 / 9975	DEF AT first sample examined	POS AT 4
10060 /10060	DEF AT faunal change (no faunal increase)	DEF AT 4
10240 /10240	DEF AT faunal change (no faunal increase)	DEF IN 2
10510 /10510	DEF AT faunal change (no faunal increase)	DEF AT 4
10750 /10750	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 2
10960 /10960	DEF AT faunal change (no faunal increase)	DEF AT 5
11410 /11410	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
11680 /11680	DEF AT faunal change (no faunal increase)	DEF AT 4
12085 /12085	DEF AT faunal change (no faunal increase)	POS AT 4
12429 /12429	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	POS AT 4
12430 /12430	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 4
12460 /12460	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	POS AT 4
12669 /12667	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
12670 /12668	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	POS AT 4
12760 /12757	DEF AT faunal change (no faunal increase)	DEF AT 4
13030 /13023	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
13390 /13369	DEF AT faunal change (no faunal increase)	DEF AT 5
14290 /14164	DEF AT faunal change (no faunal increase)	DEF IN 4
14740 /14518	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
14830 /14588	DEF AT faunal change (no faunal increase)	DEF AT 5
15130 /14826	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
15760 /15339	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> AT 119	<b>Date of Summary:</b> 10-FEB-1999	<b>First Sample Examined:</b> 9975
<b>Lease Number:</b> G10005	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16518
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15969
<b>API Well Number:</b> 608184001000	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9975 - 16480	<b>Water Depth:</b> 7716
<b>Public Info Code:</b> Y 29-APR-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15820 /15388	DEF AT faunal change (no faunal increase)	DEF IN 4
16480 /15937	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> AT 136	<b>Date of Summary:</b> 03-JUN-1998	<b>First Sample Examined:</b> 5900
<b>Lease Number:</b> G10013	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16432
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15944
<b>API Well Number:</b> 608184000900	<b>Drilling Operator:</b> BRITISH-BORNEO USA INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5900 - 16400	<b>Water Depth:</b> 3557
<b>Public Info Code:</b> Y 21-OCT-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Paleo done by Bruce Desselle

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5900 / 5900	DEF AT first sample examined	DEF IN 4
9050 / 9044	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
10490 /10466	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
10580 /10554	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
15260 /14885	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
15950 /15508	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
16010 /15561	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
16040 /15588	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
16129 /15668	DEF AT foram flood	DEF IN 5
16130 /15669	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
16160 /15696	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
16400 /15914	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> AT 136	<b>Date of Summary:</b> 03-JUN-1998	<b>First Sample Examined:</b> 5900
<b>Lease Number:</b> G10013	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16432
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15944
<b>API Well Number:</b> 608184000900	<b>Drilling Operator:</b> BRITISH-BORNEO USA INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5900 - 16400	<b>Water Depth:</b> 3557
<b>Public Info Code:</b> Y 21-OCT-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5900 / 5900	DEF AT first sample examined	DEF AT
10400 /10378	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
15949 /15507	POS AT unconformity	DEF AT
15950 /15508	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16040 /15588	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
16100 /15642	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
16130 /15669	DEF AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
16131 /15670	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16160 /15696	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
16200 /15732	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 378	Date of Summary: 10-MAR-1998	First Sample Examined: 8360
Lease Number: G08918	Source of Paleo: OPERATOR	Borehole MD: 12074
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11900
API Well Number: 608184000700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 8360 - 12075	Water Depth: 5843
Public Info Code: Y 12-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8360 / 8360	DEF AT first sample examined	DEF AT 3
8540 / 8540	DEF AT faunal change (no faunal increase)	DEF AT 1
8750 / 8750	DEF AT faunal change (no faunal increase)	DEF AT 4
9560 / 9560	DEF AT faunal change (no faunal increase)	DEF AT 2
10460 /10458	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
10550 /10547	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 2
11630 /11537	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
11720 /11613	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
11730 /11621	DEF AT faunal change (no faunal increase)	DEF AT 4
11780 /11662	DEF IN Upper Pliocene	DEF AT 4
11810 /11687	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
11870 /11735	DEF IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
12075 /11899	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: AT 378	Date of Summary: 10-MAR-1998	First Sample Examined: 11330
Lease Number: G08918	Source of Paleo: OPERATOR	Borehole MD: 14232
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13658
API Well Number: 608184000701	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 11330 - 14232	Water Depth: 5843
Public Info Code: Y 12-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
11870 /11733	DEF AT first sample examined	DEF AT
11871 /11734	DEF IN Upper Miocene (Messinian) Discoaster quinqueram us	DEF AT
12080 /11903	DEF AT faunal change (no faunal increase)	DEF IN 4
12164 /11970	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
12230 /12023	DEF AT sample gap top	POS AT 4
12500 /12241	DEF AT sample gap bottom	DEF AT 2
12650 /12362	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
12680 /12387	DEF AT faunal change (no faunal increase)	DEF AT 3
12710 /12411	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT 3
12800 /12484	DEF AT sample gap top	POS AT 3
13520 /13075	DEF AT sample gap bottom	DEF AT 4
13610 /13149	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
13640 /13174	DEF AT faunal change (no faunal increase)	DEF AT 3
13670 /13198	DEF AT faunal change (no faunal increase)	DEF AT 2
13730 /13247	DEF AT faunal change (no faunal increase)	DEF AT 3
13850 /13345	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 3
13970 /13444	DEF AT faunal change (no faunal increase)	DEF AT 4
14120 /13567	DEF AT faunal change (no faunal increase)	DEF IN 4
14232 /13658	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 376	Date of Summary: 13-JUL-1989	First Sample Examined: 0
Lease Number: G07215	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8678
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8677
API Well Number: 427044019000	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 03-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 6620	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7923 / 7922	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 376	Date of Summary: 14-MAY-2001	First Sample Examined: 0
Lease Number: G07215	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10435
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10028
API Well Number: 427044015800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 23-JAN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6588	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7665 / 7446	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 377	Date of Summary: 11-OCT-1996	First Sample Examined: 0
Lease Number: G09012	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12832
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10699
API Well Number: 427044029600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6310 / 6309	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11650 /10093	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12550 /10557	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 378	Date of Summary: 11-SEP-1997	First Sample Examined: 0
Lease Number: G13769	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8227
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7499
API Well Number: 427044031300	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7590 / 6961	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 397	Date of Summary: 21-OCT-1991	First Sample Examined: 5470
Lease Number: G09012	Source of Paleo: OPERATOR	Borehole MD: 7455
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7096
API Well Number: 427044023100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5470 - 7440	Water Depth: 80
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 5276	DEF AT first sample examined	DEF AT 1
5471 / 5277	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5950 / 5707	DEF AT poor sample interval top	DEF AT 1
6460 / 6171	POS AT deepwater facies Harang	DEF AT 2
6850 / 6532	DEF AT poor sample interval bottom	DEF AT 2
6880 / 6560	POS AT faunal change (no faunal increase)	DEF AT 1
7270 / 6923	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7410 / 7054	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 397	Date of Summary: 30-JUL-1991	First Sample Examined: 0
Lease Number: G09012	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7203
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6804
API Well Number: 427044023600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5985 / 5648	POS IN Miocene	DEF AT
6980 / 6589	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 397	Date of Summary: 21-OCT-1991	First Sample Examined: 5000
Lease Number: G09012	Source of Paleo: OPERATOR	Borehole MD: 7583
Well Name: 003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7583
API Well Number: 427044025200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7580	Water Depth: 78
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS: Y	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 1
5001 / 5000	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6740 / 6739	DEF AT local marker foram increase	DEF AT 2
7070 / 7069	POS AT -----	DEF AT 1
7400 / 7399	DEF AT -----	DEF AT 1
7580 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 398	Date of Summary: 24-APR-1986	First Sample Examined: 3160
Lease Number: G11270	Source of Paleo: OPERATOR	Borehole MD: 16016
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16016
API Well Number: 427044015100	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 3120 - 16016	Water Depth: 77
Public Info Code: Y 23-MAY-1996	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3120 /	DEF AT first sample examined	DEF AT
3121 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3630 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4260 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6300 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7260 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7470 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8490 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11700 /	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
15180 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
15480 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
16016 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 398	Date of Summary: 30-MAR-1987	First Sample Examined: 3120
Lease Number: G11270	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16016
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16016
API Well Number: 427044015100	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 3120 - 16016	Water Depth: 77
Public Info Code: Y 23-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3120 /	DEF AT first sample examined	DEF IN 1
3121 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
3780 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4230 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
4890 /	DEF AT charophytes	DEF AT 1
6300 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6810 /	DEF AT foram flood	DEF AT 1
7260 /	DEF IN Middle Miocene (Serravallian) Cristellaria "	DEF AT 3
7410 /	DEF AT local marker planktic foram increase	DEF AT 3
7680 /	DEF AT local marker planktic foram increase	DEF AT 3
7740 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7890 /	DEF AT cement	DEF AT
8400 /	DEF AT local marker planktic foram increase	DEF AT 3
8490 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9540 /	POS AT local marker foram increase	DEF AT 2
9690 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
10920 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11700 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 4
11820 /	DEF AT local marker foram increase	DEF AT 4
12060 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 5
12330 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
13950 /	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 398	<b>Date of Summary:</b> 30-MAR-1987	<b>First Sample Examined:</b> 3120
<b>Lease Number:</b> G11270	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16016
<b>Well Name:</b> A001	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 16016
<b>API Well Number:</b> 427044015100	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3120 - 16016	<b>Water Depth:</b> 77
<b>Public Info Code:</b> Y 23-MAY-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14280 /	DEF AT local marker foram increase	DEF AT 6
14640 /	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 6
15600 /	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
16016 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 399	Date of Summary: 06-MAR-1991	First Sample Examined: 7000
Lease Number: G07217	Source of Paleo: OPERATOR	Borehole MD: 12369
Well Name: F002	Paleo Done By: STORK & ASS.	Borehole TVD: 10755
API Well Number: 427044022800	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 7000 - 10990	Water Depth: 60
Public Info Code: Y 26-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6853	DEF AT first sample examined	DEF AT 2
7001 / 6853	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7450 / 7195	DEF AT -----	DEF AT 1
7600 / 7309	DEF AT -----	DEF AT 2
7960 / 7584	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9040 / 8318	DEF AT -----	DEF AT 1
9520 / 8675	DEF AT -----	DEF AT 2
9700 / 8804	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
10390 / 9328	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10990 / 9772	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 399	Date of Summary: 06-MAR-1991	First Sample Examined: 9090
Lease Number: G07217	Source of Paleo: OPERATOR	Borehole MD: 12369
Well Name: F002	Paleo Done By: STORK & ASS.	Borehole TVD: 10755
API Well Number: 427044022800	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 9090 - 12360	Water Depth: 60
Public Info Code: Y 26-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9090 / 8352	DEF AT first sample examined	POS AT 1
9900 / 8953	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
10320 / 9275	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12360 / 10749	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 399	Date of Summary: 20-APR-1990	First Sample Examined: 6230
Lease Number: G07218	Source of Paleo: OPERATOR	Borehole MD: 8527
Well Name: 001	Paleo Done By: STORK & ASS.	Borehole TVD: 8527
API Well Number: 427044020100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8527	Water Depth: 63
Public Info Code: Y 04-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6230 / 6229	DEF AT first sample examined	DEF AT 2
6231 / 6230	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6440 / 6439	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6710 / 6709	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7550 / 7549	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8450 / 8449	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
8527 / 8526	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 400	Date of Summary: 06-MAR-1991	First Sample Examined: 9090
Lease Number: G07217	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: A001	Paleo Done By: STORK & ASS.	Borehole TVD: 8905
API Well Number: 427044020200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9090 - 12360	Water Depth: 63
Public Info Code: Y 26-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 /	DEF AT first sample examined	DEF AT 2
9901 /	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
10320 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
11220 /	DEF AT -----	DEF AT 3
11280 /	DEF AT -----	DEF AT 4
11430 /	DEF AT -----	DEF AT 3
11580 /	DEF AT -----	DEF AT 4
11640 /	DEF AT -----	DEF AT 3
11970 /	DEF AT -----	DEF AT 2
12030 /	DEF AT -----	DEF AT 1
12360 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 411	Date of Summary: 10-JAN-1995	First Sample Examined: 0
Lease Number: G10214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8025
API Well Number: 427044019500	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 20-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6031	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 412	Date of Summary: 08-OCT-1999	First Sample Examined: 0
Lease Number: G05003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7546
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7546
API Well Number: 427044013700	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 17-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6758 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7144 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 413	Date of Summary: 16-APR-1990	First Sample Examined: 0
Lease Number: G09014	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7411
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7411
API Well Number: 427044021000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 26-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6073 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7200 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 413	<b>Date of Summary:</b> 17-AUG-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09014	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8434
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8434
<b>API Well Number:</b> 427044026400	<b>Drilling Operator:</b> BURLINGTON RESOURCES OFFSHORE INC	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 26-AUG-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7308 / 7307	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8053 / 8052	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 417	Date of Summary: 22-MAY-1992	First Sample Examined: 0
Lease Number: G13297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427044025800	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 91
Public Info Code: Y 31-DEC-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7690 /	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 417	Date of Summary: 22-DEC-1992	First Sample Examined: 0
Lease Number: G13297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7640
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7639
API Well Number: 427044026500	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 31-DEC-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3678 / 3678	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6185 / 6185	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 431	<b>Date of Summary:</b> 20-JUN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09015	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7993
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7592
<b>API Well Number:</b> 427044023700	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 89
<b>Public Info Code:</b> Y 09-AUG-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6715 / 6382	DEF IN Upper (Late) Miocene	DEF AT
7745 / 7354	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 431	Date of Summary: 18-MAY-1988	First Sample Examined: 3650
Lease Number: G09017	Source of Paleo: OPERATOR	Borehole MD: 7953
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7953
API Well Number: 427044017100	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 3650 - 7953	Water Depth: 90
Public Info Code: Y 13-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 /	DEF AT first sample examined	DEF IN 1
3920 /	DEF AT - - - - -	DEF AT 2
4070 /	DEF AT local marker benthic foram increase	DEF AT 2
4250 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
4310 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4630 /	DEF AT local marker benthic foram increase	DEF AT 2
5079 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
5080 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5680 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6580 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
6970 /	DEF AT - - - - -	DEF AT 3
7090 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
7360 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7953 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 435	Date of Summary: 31-JAN-1990	First Sample Examined: 0
Lease Number: G07219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7575
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7575
API Well Number: 427044018800	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 27-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5110 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5846 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6100 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6460 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7360 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7390 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 436	Date of Summary: 09-MAR-1988	First Sample Examined: 0
Lease Number: G04258	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8526
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7751
API Well Number: 427044016900	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 24-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6341	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7700 / 7096	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 449	<b>Date of Summary:</b> 09-JUL-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11273	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7250
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7250
<b>API Well Number:</b> 427044022200	<b>Drilling Operator:</b> WALTER OIL & GAS CORPORATION	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 67
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5976 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 452  
 Lease Number: G12363  
 Well Name: A001  
 API Well Number: 427044013400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 25-JUL-1994

Date of Summary: 27-SEP-2001  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: BARRETT RESOURCES CORPORATION  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 9425  
 Borehole TVD: 7805  
 Rkb Elevation: 100  
 Water Depth: 75  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6161 / 5437	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7277 / 6260	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 455	<b>Date of Summary:</b> 20-MAY-1987	<b>First Sample Examined:</b> 3230
<b>Lease Number:</b> G07220	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15044
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13501
<b>API Well Number:</b> 427044016100	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3230 - 11480	<b>Water Depth:</b> 91
<b>Public Info Code:</b> Y 09-JUN-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3230	DEF AT first sample examined	POS AT 1
4280 / 4280	DEF AT -----	DEF AT 1
4940 / 4939	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5180 / 5175	DEF AT -----	DEF AT 1
5300 / 5291	DEF AT -----	DEF AT 2
5360 / 5350	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5630 / 5607	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
5780 / 5747	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
5990 / 5938	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8120 / 7733	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9830 / 9158	DEF AT -----	DEF AT 2
10220 / 9490	DEF AT -----	DEF AT 3
10280 / 9541	DEF AT -----	DEF AT 2
11060 / 10183	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11480 / 10522	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 455	Date of Summary: 20-MAY-1987	First Sample Examined: 9250
Lease Number: G07220	Source of Paleo: OPERATOR	Borehole MD: 15044
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13501
API Well Number: 427044016100	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 9250 - 15044	Water Depth: 91
Public Info Code: Y 09-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 3 report

MD / TVD	Paleo Top Description	Ecozone
9250 / 8671	DEF AT first sample examined	DEF AT
10790 / 9965	DEF AT -----	DEF AT 2
11060 /10183	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
13010 /11770	DEF AT -----	DEF AT 4
13040 /11795	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13250 /11970	DEF AT -----	DEF AT 3
13790 /12428	DEF AT -----	DEF AT 4
13820 /12454	DEF AT -----	DEF AT 3
13910 /12531	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
14360 /12916	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
14570 /13096	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
14720 /13225	DEF AT -----	DEF AT 4
15044 /13503	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 455	Date of Summary: 14-AUG-1991	First Sample Examined: 1200
Lease Number: G07220	Source of Paleo: OPERATOR	Borehole MD: 10180
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8633
API Well Number: 427044024600	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10180	Water Depth: 95
Public Info Code: Y 26-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 / 1200	DEF AT first sample examined	DEF IN 1
1680 / 1678	DEF AT - - - - -	DEF AT 2
2039 / 2028	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
2040 / 2029	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2100 / 2086	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2160 / 2143	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2280 / 2254	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
2370 / 2336	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
2400 / 2363	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 3
2430 / 2390	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
2460 / 2417	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
2880 / 2768	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3570 / 3318	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
4140 / 3766	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5340 / 4693	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6350 / 5498	DEF AT local marker foram increase	DEF AT 3
6720 / 5797	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6780 / 5846	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
7170 / 6164	DEF AT local marker benthic foram increase	DEF AT 3
7860 / 6705	DEF AT local marker planktic foram increase	DEF AT 3
8820 / 7443	DEF AT Eggerella sp. (local marker)	DEF AT 3
8970 / 7565	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 455	Date of Summary: 14-AUG-1991	First Sample Examined: 1200
Lease Number: G07220	Source of Paleo: OPERATOR	Borehole MD: 10180
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8633
API Well Number: 427044024600	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10180	Water Depth: 95
Public Info Code: Y 26-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 473	Date of Summary: 06-MAY-1994	First Sample Examined: 2250
Lease Number: G14119	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6000
API Well Number: 427044028000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2250 - 6000	Water Depth: 80
Public Info Code: Y 31-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2250 / 2250	DEF AT first sample examined	DEF AT 2
2251 / 2251	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
2520 / 2520	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5730 / 5729	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5760 / 5759	DEF AT - - - - -	DEF AT 3
5850 / 5849	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6000 / 5999	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 474	Date of Summary: 14-JUN-1991	First Sample Examined: 5100
Lease Number: G12455	Source of Paleo: OPERATOR	Borehole MD: 9843
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8406
API Well Number: 427044024100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 5100 - 9810	Water Depth: 54
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 5100	DEF AT first sample examined	DEF IN 2
5610 / 5601	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6090 / 6037	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
6750 / 6548	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7020 / 6731	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
7680 / 7100	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9630 / 8261	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 3
9750 / 8342	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9810 / 8384	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1999

Area Block: BA 474	Date of Summary: 06-MAY-1993	First Sample Examined: 0
Lease Number: G12455	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8300
API Well Number: 427044026800	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 6470	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7295 / 7295	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 476	Date of Summary: 01-MAR-1991	First Sample Examined: 0
Lease Number: G11274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 427044021500	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 21-SEP-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6262 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6369 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 476	Date of Summary: 30-MAY-1990	First Sample Examined: 0
Lease Number: G11274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7955
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6750
API Well Number: 427044021800	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 21-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6695 / 5764	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7581 / 6452	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 476	Date of Summary: 31-JAN-1991	First Sample Examined: 0
Lease Number: G11274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8211
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8211
API Well Number: 427044021100	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 21-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6905 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 476	Date of Summary: 20-APR-1999	First Sample Examined: 0
Lease Number: G11274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8402
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7774
API Well Number: 427044028800	Drilling Operator: TRI-UNION DEVELOPMENT CORPORATION	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 21-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6550 / 6104	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7370 / 6842	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 477	Date of Summary: 15-JUL-1991	First Sample Examined: 0
Lease Number: G12456	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9710
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8101
API Well Number: 427044024000	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 31-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6760 / 5752	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7520 / 6354	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8600 / 7201	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
9250 / 7725	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 490	Date of Summary: 25-MAY-1995	First Sample Examined: 0
Lease Number: G14809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8418
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7734
API Well Number: 427044029100	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 30-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 / 5291	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5880 / 5587	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6975 / 6507	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 491	Date of Summary: 28-SEP-1988	First Sample Examined: 5000
Lease Number: G06069	Source of Paleo: OPERATOR	Borehole MD: 7078
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7078
API Well Number: 427044017800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7078	Water Depth: 75
Public Info Code: Y 12-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT 3
5001 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5570 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6230 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7078 /	DEF AT last sample examined	DEF AT 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 491	Date of Summary: 08-DEC-1988	First Sample Examined: 3500
Lease Number: G06069	Source of Paleo: OPERATOR	Borehole MD: 7856
Well Name: A001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 7501
API Well Number: 427044018200	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 168
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7850	Water Depth: 76
Public Info Code: Y 02-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 0
3501 / 3501	POS IN Miocene	DEF AT 0
3502 / 3502	DEF AT non-marine sediment	DEF AT 0
4520 / 4520	POS AT unconformity	DEF AT 1
4700 / 4700	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
4760 / 4759	DEF AT -----	DEF AT 2
5420 / 5404	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5510 / 5488	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
6050 / 5974	DEF AT -----	DEF IN 3
6740 / 6566	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF IN 3
6770 / 6591	DEF AT -----	DEF AT 4
7040 / 6818	DEF AT -----	DEF IN 4
7190 / 6943	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF IN 4
7220 / 6968	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
7850 / 7496	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 491	<b>Date of Summary:</b> 05-JAN-1988	<b>First Sample Examined:</b> 3770
<b>Lease Number:</b> G06069	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7731
<b>Well Name:</b> A002	<b>Paleo Done By:</b> DAVID L. DUNN	<b>Borehole TVD:</b> 7000
<b>API Well Number:</b> 427044018300	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3770 - 7731	<b>Water Depth:</b> 76
<b>Public Info Code:</b> Y 26-JAN-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3516	DEF AT first sample examined	DEF AT 0
3771 / 3517	DEF AT non-marine sediment	DEF AT 0
3772 / 3518	POS AT Miocene	DEF AT 0
4630 / 4258	POS AT unconformity	DEF AT 1
4840 / 4439	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
5000 / 4578	DEF AT -----	DEF AT 2
5860 / 5330	DEF AT -----	DEF AT 3
5950 / 5410	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6550 / 5944	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7360 / 6675	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
7450 / 6757	DEF AT -----	DEF AT 4
7540 / 6840	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7570 / 6867	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7731 / 7015	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 492	Date of Summary: 02-APR-1993	First Sample Examined: 0
Lease Number: G11275	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8144
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7593
API Well Number: 427044026700	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5879 / 5776	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6772 / 6490	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 494	Date of Summary: 29-MAR-1985	First Sample Examined: 0
Lease Number: G06071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15050
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14469
API Well Number: 427044014000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 03-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8484	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12660 /12117	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
14440 /13885	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14730 /14165	DEF AT local marker benthic foram increase	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 494	Date of Summary: 13-AUG-1984	First Sample Examined: 6000
Lease Number: G06071	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13436
API Well Number: 427044012700	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13890	Water Depth: 82
Public Info Code: Y 26-AUG-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report for sidetrack 3

MD / TVD	Paleo Top Description	Ecozone
6000 / 5695	DEF AT first sample examined	DEF IN 3
6001 / 5695	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF IN 3
6449 / 6115	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF IN 3
6450 / 6116	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 3
6960 / 6592	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF IN 3
7050 / 6675	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 3
9030 / 8583	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
12390 / 11928	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 3
13890 / 13428	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 502	Date of Summary: 15-JAN-1996	First Sample Examined: 0
Lease Number: G13300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8335
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8335
API Well Number: 427044029500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4850 / 4850	POS AT Upper (Late) Miocene	DEF AT
7400 / 7399	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 507	Date of Summary: 17-JUN-1994	First Sample Examined: 0
Lease Number: G13301	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8602
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7415
API Well Number: 427044028300	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 4499	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7667 / 6583	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 507  
Lease Number: G13301  
Well Name: A001  
API Well Number: 427044027300  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-SEP-1996

Date of Summary: 08-SEP-1994  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: W & T OFFSHORE INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 7550  
Borehole TVD: 7549  
Rkb Elevation: 86  
Water Depth: 97  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4743 / 4742	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7368 / 7367	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 514	Date of Summary: 02-MAY-1997	First Sample Examined: 0
Lease Number: G13770	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8626
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7168
API Well Number: 427044031000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 5493	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7035 / 6130	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 515	Date of Summary: 24-JUN-1997	First Sample Examined: 0
Lease Number: G13770	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13752
API Well Number: 427044030300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5480 / 5480	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5510 / 5510	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
5750 / 5750	DEF AT local marker benthic foram increase	DEF AT
6470 / 6470	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8420 / 8420	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9110 / 9109	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 532	Date of Summary: 03-AUG-1994	First Sample Examined: 0
Lease Number: G14120	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7952
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7952
API Well Number: 427044028400	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 30-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5830 / 5830	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 539	Date of Summary: 16-DEC-1991	First Sample Examined: 0
Lease Number: G12464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7497
API Well Number: 427044025600	Drilling Operator: HOWELL PETROLEUM CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 30-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6360 / 6359	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 550	Date of Summary: 25-FEB-1985	First Sample Examined: 6000
Lease Number: G06080	Source of Paleo: OPERATOR	Borehole MD: 17587
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17587
API Well Number: 427044014200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 6000 - 17585	Water Depth: 84
Public Info Code: Y 13-MAR-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 3
6540 /	POS AT local marker floral increase	DEF AT 3
6630 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7270 /	DEF AT Middle Miocene (Langhian) Discoaster druggi	DEF AT 3
7720 /	DEF AT local marker floral increase	DEF AT 3
8830 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9790 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 3
13150 /	DEF AT local marker floral increase	DEF AT 3
14050 /	DEF AT local marker floral increase	DEF AT 3
14530 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
14680 /	DEF AT local marker floral increase	DEF AT 3
14950 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
15070 /	DEF AT - - - - -	DEF AT 5
15490 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	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-1994

End Date: 31-DEC-1999

Area Block: BA 550	Date of Summary: 26-JUN-1997	First Sample Examined: 0
Lease Number: G06080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5712
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5712
API Well Number: 427044017300	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 10-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4542 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 552	Date of Summary: 28-AUG-1994	First Sample Examined: 0
Lease Number: G10224	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8230
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 427044027200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 07-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6250 / 5536	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6970 / 6246	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 570	<b>Date of Summary:</b> 22-NOV-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12467	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11920
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8793
<b>API Well Number:</b> 427044025100	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 84
<b>Public Info Code:</b> Y 30-SEP-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6303 / 4983	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7230 / 5583	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7779 / 5984	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10835 / 8125	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 571	Date of Summary: 03-NOV-1997	First Sample Examined: 0
Lease Number: G15729	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9925
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9924
API Well Number: 427044031500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 15-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 4920	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7150 / 7150	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9040 / 9039	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 572	Date of Summary: 19-DEC-1995	First Sample Examined: 0
Lease Number: G10228	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 427044018700	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 29-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4367 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA 577	<b>Date of Summary:</b> 19-JUN-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12468	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4085
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3972
<b>API Well Number:</b> 427044023900	<b>Drilling Operator:</b> KING RANCH OIL AND GAS INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 84
<b>Public Info Code:</b> Y 30-SEP-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2900 / 2893	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
3300 / 3277	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3972 / 3878	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 577	Date of Summary: 25-JUL-1991	First Sample Examined: 0
Lease Number: G12468	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8940
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7903
API Well Number: 427044024200	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 3931	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5110 / 4769	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5880 / 5393	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6810 / 6151	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8500 / 7538	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 578	Date of Summary: 05-NOV-1981	First Sample Examined: 0
Lease Number: G04557	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11823
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11244
API Well Number: 427044005600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 21-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11439 /10836	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 579	Date of Summary: 08-OCT-1996	First Sample Examined: 10300
Lease Number: G14815	Source of Paleo: OPERATOR	Borehole MD: 18975
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18958
API Well Number: 427044030200	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 3	Sample Range: 10300 - 18975	Water Depth: 123
Public Info Code: Y 28-OCT-1998	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
10300 /10299	DEF AT first sample examined	DEF AT
10959 /10957	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
10960 /10958	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
11350 /11348	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
14260 /14254	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT
15520 /15510	DEF AT Lower Miocene (Aquitanean) Sphenolithus dissimilis	DEF AT
15940 /15929	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT
18975 /18958	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 579	Date of Summary: 09-OCT-1996	First Sample Examined: 3955
Lease Number: G14815	Source of Paleo: OPERATOR	Borehole MD: 18975
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18958
API Well Number: 427044030200	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 2 of 3	Sample Range: 3955 - 18975	Water Depth: 123
Public Info Code: Y 28-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3955 / 3955	DEF AT first sample examined	DEF AT 2
3956 / 3956	DEF AT poor sample interval top	DEF AT 2
5500 / 5500	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7180 / 7180	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7600 / 7600	DEF AT poor sample interval bottom	DEF AT 2
7750 / 7750	DEF AT -----	DEF AT 3
9640 / 9639	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10780 /10779	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10960 /10958	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11110 /11108	DEF AT -----	DEF AT 4
11350 /11348	DEF AT -----	DEF AT 5
13630 /13625	DEF AT -----	DEF IN 5
14050 /14044	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF IN 5
15400 /15390	DEF AT -----	DEF AT 6
15910 /15899	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 6
18975 /18958	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 579	Date of Summary: 05-NOV-1996	First Sample Examined: 5500
Lease Number: G14815	Source of Paleo: OPERATOR	Borehole MD: 18975
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18958
API Well Number: 427044030200	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 3 of 3	Sample Range: 5500 - 18975	Water Depth: 123
Public Info Code: Y 28-OCT-1998	Ecozone Eq MMS:	Paleo ID: 003

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5500 / 5500	DEF AT first sample examined	DEF AT
5501 / 5501	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7180 / 7180	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
9640 / 9639	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10780 /10779	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
10960 /10958	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11350 /11348	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
14050 /14044	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
14260 /14254	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT
15520 /15510	DEF AT Lower Miocene (Aquitanian) Sphenolithus dissimilis	DEF AT
15910 /15899	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
15940 /15929	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT
18975 /18958	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 579	Date of Summary: 10-APR-1997	First Sample Examined: 0
Lease Number: G14815	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9298
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9292
API Well Number: 427044031100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 28-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7570 / 7567	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA 610	Date of Summary: 08-JAN-1999	First Sample Examined: 0
Lease Number: G18902	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5469
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4911
API Well Number: 427044031700	Drilling Operator: CALLON PETROLEUM OPERATING COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 30-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2518 / 2435	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 2	Date of Summary: 29-AUG-1989	First Sample Examined: 3530
Lease Number: G09025	Source of Paleo: OPERATOR	Borehole MD: 10994
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10489
API Well Number: 427044018100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 3530 - 11000	Water Depth: 110
Public Info Code: Y 12-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 3
3531 / 3531	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3950 / 3950	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4730 / 4730	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4850 / 4850	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5690 / 5690	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6020 / 6019	DEF AT poor sample interval top	POS AT 3
6770 / 6761	DEF AT poor sample interval bottom	POS AT 3
7220 / 7189	DEF AT Upper Miocene (Tortonian) Textularia "L"	POS AT 3
8180 / 8037	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	POS AT 3
8210 / 8063	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	POS AT 3
10706 / 10236	DEF AT -----	DEF AT 4
10820 / 10336	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	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-1994

End Date: 31-DEC-1999

Area Block: BA A 2	Date of Summary: 29-JUL-1994	First Sample Examined: 0
Lease Number: G09025	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9125
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7684
API Well Number: 427044019700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 12-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4513 / 3944	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5500 / 4759	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5644 / 4879	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6780 / 5792	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8320 / 7056	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA A 2	<b>Date of Summary:</b> 01-FEB-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09025	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8395
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7546
<b>API Well Number:</b> 427044019800	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 12-MAR-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4217 / 3942	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5083 / 4691	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5230 / 4821	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6228 / 5691	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7606 / 6868	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 22	Date of Summary: 01-JUN-1992	First Sample Examined: 0
Lease Number: G03937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13872
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13402
API Well Number: 427044020000	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 01-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12897 /12480	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 39	Date of Summary: 13-OCT-1984	First Sample Examined: 10000
Lease Number: G04559	Source of Paleo: OPERATOR	Borehole MD: 16770
Well Name: 004	Paleo Done By: DAVID L. DUNN	Borehole TVD: 16758
API Well Number: 427044013300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 10000 - 16780	Water Depth: 137
Public Info Code: Y 07-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 /10000	DEF AT first sample examined	DEF AT 3
10001 /10001	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10180 /10180	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11440 /11439	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12430 /12429	DEF AT -----	DEF AT 3
12790 /12789	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13060 /13059	DEF AT -----	DEF AT 2
13330 /13329	DEF AT -----	DEF AT 1
16410 /16399	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
16510 /16499	DEF AT -----	DEF AT 2
16800 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 46	Date of Summary: 24-AUG-1993	First Sample Examined: 3330
Lease Number: G13773	Source of Paleo: OPERATOR	Borehole MD: 9463
Well Name: 001	Paleo Done By: GULF COAST PALEO	Borehole TVD: 9456
API Well Number: 427054012900	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3330 - 9463	Water Depth: 139
Public Info Code: Y 30-OCT-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3330 /	DEF AT first sample examined	DEF AT 1
3331 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3840 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
3900 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4500 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
4650 /	DEF AT local marker planktic foram increase	DEF AT 1
4680 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 1
5250 /	DEF AT limestone	DEF AT 1
5251 /	POS AT unconformity	DEF AT 1
5520 /	DEF AT local marker benthic foram increase	DEF AT 1
5580 /	DEF AT oxidized shale	DEF AT 1
5581 /	POS AT unconformity	DEF AT 1
5700 /	DEF AT local marker foram increase	DEF AT 1
6030 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 1
6300 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
6480 /	DEF AT local marker foram increase	DEF AT 1
6870 /	DEF AT oxidized shale	DEF AT 1
6871 /	POS AT unconformity	DEF AT 1
7410 /	DEF AT local marker foram increase	DEF AT 1
7560 /	DEF AT oxidized shale	DEF AT 1
7561 /	POS AT unconformity	DEF AT 1
7920 /	DEF AT oxidized shale	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA A 46	<b>Date of Summary:</b> 24-AUG-1993	<b>First Sample Examined:</b> 3330
<b>Lease Number:</b> G13773	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9463
<b>Well Name:</b> 001	<b>Paleo Done By:</b> GULF COAST PALEO	<b>Borehole TVD:</b> 9456
<b>API Well Number:</b> 427054012900	<b>Drilling Operator:</b> IP PETROLEUM COMPANY INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3330 - 9463	<b>Water Depth:</b> 139
<b>Public Info Code:</b> Y 30-OCT-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7921 /	POS AT unconformity	DEF AT 1
8370 /	DEF AT local marker planktic foram increase	DEF AT 1
8580 /	DEF AT oxidized shale	DEF AT 1
8581 /	DEF AT limestone	DEF AT 1
8582 /	POS AT unconformity	DEF AT 1
8760 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
8850 /	DEF AT oxidized shale	DEF AT 1
8851 /	DEF AT sandstone	DEF AT 1
8852 /	POS AT unconformity	DEF AT 1
8940 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
9060 /	DEF AT sandstone	DEF AT 1
9420 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 52	Date of Summary: 20-JAN-1984	First Sample Examined: 0
Lease Number: G06085	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8632
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8631
API Well Number: 427054008300	Drilling Operator: SAMEBAN OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 07-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3590 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4100 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4380 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5070 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5590 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5830 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8220 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 52	Date of Summary: 06-MAR-1985	First Sample Examined: 4090
Lease Number: G06085	Source of Paleo: OPERATOR	Borehole MD: 11306
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11119
API Well Number: 427054009600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 4090 - 11310	Water Depth: 160
Public Info Code: Y 08-JAN-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 4052	DEF AT first sample examined	DEF IN 3
4180 / 4137	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
4670 / 4599	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
4960 / 4875	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
5490 / 5380	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
5650 / 5533	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
6330 / 6181	DEF AT sample gap top	POS IN 3
6460 / 6305	DEF AT sample gap bottom	DEF IN 3
6560 / 6400	DEF AT sample gap top	POS IN 3
6910 / 6735	DEF AT sample gap bottom	DEF IN 3
8730 / 8544	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
9490 / 9303	DEF AT - - - - -	DEF AT 4
11310 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 52	Date of Summary: 06-MAR-1985	First Sample Examined: 11290
Lease Number: G06085	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17180
API Well Number: 427054009601	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 11290 - 17500	Water Depth: 160
Public Info Code: Y 02-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11290 /11035	DEF AT first sample examined	DEF AT 4
11380 /11125	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13060 /12796	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
17500 /17181	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 66	Date of Summary: 17-APR-1984	First Sample Examined: 4500
Lease Number: G06088	Source of Paleo: OPERATOR	Borehole MD: 8964
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8964
API Well Number: 427054008500	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4500 - 8964	Water Depth: 162
Public Info Code: Y 13-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF IN 3
4740 / 4740	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
5610 / 5610	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
5870 / 5870	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
6200 / 6200	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
8600 / 8598	DEF AT Middle Miocene (Serravallian) Globorotalia foehsi robusta	DEF IN 3
8930 / 8927	DEF AT -----	DEF AT 4
8964 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> BA A 71	<b>Date of Summary:</b> 17-JUL-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13774	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8505
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7598
<b>API Well Number:</b> 427054013800	<b>Drilling Operator:</b> STONE ENERGY LLC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 30-OCT-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7320 / 6785	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 76	Date of Summary: 13-NOV-1995	First Sample Examined: 0
Lease Number: G14128	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11259
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11258
API Well Number: 427054013600	Drilling Operator: STATOIL EXPLORATION US INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 167
Public Info Code: Y 31-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8470 / 8470	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
10100 /10099	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 133	Date of Summary: 15-JAN-1986	First Sample Examined: 0
Lease Number: G02665	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14021
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 13519
API Well Number: 427054010700	Drilling Operator: OXY USA INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 15-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9718 / 9508	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11534 / 11259	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BA A 133	Date of Summary: 07-DEC-1988	First Sample Examined: 0
Lease Number: G02665	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13066
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 13066
API Well Number: 427054009200	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 203
Public Info Code: Y 21-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8948 / 8947	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
10771 /10768	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BS 53	Date of Summary: 13-APR-1977	First Sample Examined: 0
Lease Number: G03340	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10184
API Well Number: 177264000100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 8
Public Info Code: Y 20-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5247 / 5238	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9300 / 9080	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: BS 53	Date of Summary: 03-APR-1978	First Sample Examined: 4000
Lease Number: G03340	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10594
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10594
API Well Number: 177264000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 4000 - 10595	Water Depth: 8
Public Info Code: Y 20-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	POS AT 2
4001 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4660 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6130 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6250 /	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 2
6340 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
6850 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7300 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7540 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7870 /	DEF AT local marker planktic foram increase	DEF AT 4
7900 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7930 /	DEF AT local marker planktic foram increase	DEF AT 4
8200 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8800 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8940 /	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 4
9750 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10470 /	DEF AT pyrite	DEF AT 4
10580 /	POS AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 4
10595 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: CA 12	Date of Summary: 27-MAR-1991	First Sample Examined: 0
Lease Number: G10914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4650
API Well Number: 177284004600	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3659 / 3658	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: CA 24	Date of Summary: 06-JAN-1986	First Sample Examined: 0
Lease Number: G06840	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6700
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6700
API Well Number: 177284002500	Drilling Operator: VANGUARD OFFSHORE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 14-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4630 / 4630	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5100 / 5100	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: CA 29	Date of Summary: 12-AUG-1984	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5350
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5350
API Well Number: 177284001500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 14-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2942 / 2942	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3793 / 3793	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
4448 / 4448	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4840 / 4840	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> CA 29	<b>Date of Summary:</b> 16-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05740	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8921
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6608
<b>API Well Number:</b> 177284001800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 41
<b>Public Info Code:</b> Y 25-JUL-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 3931	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5753 / 4575	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6473 / 5049	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: CA 29	Date of Summary: 22-SEP-1988	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6633
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5187
API Well Number: 177284003800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 09-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4684 / 3789	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5477 / 4352	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6123 / 4798	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> CA 31	<b>Date of Summary:</b> 18-NOV-1991	<b>First Sample Examined:</b> 2090
<b>Lease Number:</b> G07835	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9336
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9336
<b>API Well Number:</b> 177284004700	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1200 - 9336	<b>Water Depth:</b> 63
<b>Public Info Code:</b> Y 29-SEP-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2090 / 2090	DEF AT first sample examined	DEF AT
3200 / 3200	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 2
7260 / 7260	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9336 / 9335	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: CA 38	Date of Summary: 05-FEB-1988	First Sample Examined: 700
Lease Number: G07836	Source of Paleo: OPERATOR	Borehole MD: 4000
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4000
API Well Number: 177294000600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 700 - 4000	Water Depth: 117
Public Info Code: Y 26-FEB-1998	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	DEF IN 1
760 / 760	DEF AT -----	DEF AT 2
1390 / 1390	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1600 / 1600	DEF AT -----	DEF AT 2
3670 / 3670	DEF AT -----	DEF AT 3
3730 / 3730	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4000 / 4000	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: DD 56	Date of Summary: 12-DEC-1988	First Sample Examined: 16800
Lease Number: G06406	Source of Paleo: OPERATOR	Borehole MD: 22572
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22572
API Well Number: 608224003500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 4510 - 22572	Water Depth: 187
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Thin-section analysis only, 22022=algal mats

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16800 /16800	DEF AT first sample examined	DEF AT
17100 /17100	DEF AT Lower Cretaceous Valanginian Stage	DEF AT 1
17680 /17679	POS AT Upper Jurassic Tithonian Stage	DEF AT 1
20480 /20476	POS AT Upper Jurassic Kimmeridgian Stage	DEF AT 1
21440 /21434	DEF IN Upper Jurassic Kimmeridgian Stage	DEF AT 2
21600 /21593	POS AT Jurassic Smackover Formation	DEF AT 2
21601 /21594	POS AT Upper Jurassic Oxfordian Stage	DEF AT 2
22020 /22012	POS IN Jurassic Smackover Formation	DEF AT 1
22021 /22013	POS IN Upper Jurassic Oxfordian Stage	DEF AT 1
22022 /22014	DEF AT local marker (general)	DEF AT 1
22210 /22202	POS AT Jurassic Norphlet Formation	DEF AT 1
22211 /22203	POS AT Middle Jurassic Callovian Stage	DEF AT 1
22212 /22204	DEF AT sand	DEF AT 1
22550 /22542	DEF AT anhydrite	DEF AT 1
22572 /22564	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: DD 56	Date of Summary: 23-APR-1992	First Sample Examined: 10810
Lease Number: G06406	Source of Paleo: OPERATOR	Borehole MD: 22572
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22572
API Well Number: 608224003500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 4510 - 22750	Water Depth: 187
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** 10810-16800 examined, 11950=Barkerina sp, 113600=Albian Stomatostoecha sp, 17090=Valangian ostracode Acetoleberis hazzardi, 17250=early Barremian or older Trocholina infragranulata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11950 /11950	DEF AT first sample examined	DEF AT
11951 /11951	POS IN Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
13600 /13600	DEF IN Lower Cretaceous Albian Stage	DEF AT
17090 /17090	POS IN Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT
17250 /17249	POS IN Lower Cretaceous (Barremian) Clavhedbergella eocretacea	DEF AT
17680 /17679	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20480 /20476	DEF AT Jurassic Haynesville Formation	DEF AT
21600 /21593	DEF AT Jurassic Smackover Formation	DEF AT
22020 /22012	DEF IN Jurassic Smackover Formation	DEF AT
22210 /22202	DEF AT Jurassic Norphlet Formation	DEF AT
23275 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: DD 111	Date of Summary: 20-JAN-1988	First Sample Examined: 5000
Lease Number: G08338	Source of Paleo: OPERATOR	Borehole MD: 19240
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19240
API Well Number: 608224003400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 5000 - 19240	Water Depth: 389
Public Info Code: Y 28-JAN-1994	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 1
5001 /	DEF IN Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
6810 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
8250 /	DEF AT Lower Cretaceous Upper Glen Rose Formation	DEF AT 1
9990 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 1
10650 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 1
13300 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 2
13330 /	DEF AT -----	DEF AT 1
19240 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 110	Date of Summary: 03-APR-1986	First Sample Examined: 0
Lease Number: G02649	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11350
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7605
API Well Number: 608044007601	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 660
Public Info Code: Y 28-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3680 / 2943	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8500 / 6180	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 110	Date of Summary: 13-JAN-1986	First Sample Examined: 0
Lease Number: G02649	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9833
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7462
API Well Number: 608044009802	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 660
Public Info Code: Y 29-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8256 / 5886	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 110	Date of Summary: 09-DEC-1985	First Sample Examined: 0
Lease Number: G02650	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8315
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6958
API Well Number: 608044008500	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 660
Public Info Code: Y 28-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 2905	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6730 / 5693	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EB 110	<b>Date of Summary:</b> 04-JAN-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02650	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7415
<b>Well Name:</b> A007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5567
<b>API Well Number:</b> 608044008900	<b>Drilling Operator:</b> ZAPATA EXPLORATION COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 660
<b>Public Info Code:</b> Y 14-JAN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3415 / 2949	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EB 110	<b>Date of Summary:</b> 20-FEB-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02650	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5710
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5545
<b>API Well Number:</b> 608044010200	<b>Drilling Operator:</b> ZAPATA EXPLORATION COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 660
<b>Public Info Code:</b> Y 25-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2912 / 2911	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 110	Date of Summary: 20-FEB-1986	First Sample Examined: 0
Lease Number: G02650	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6624
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 5579
API Well Number: 608044010300	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 660
Public Info Code: Y 20-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3192 / 2992	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 112	Date of Summary: 12-AUG-1988	First Sample Examined: 0
Lease Number: G08195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5944
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5944
API Well Number: 608044013000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 680
Public Info Code: Y 13-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3625 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
4270 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
5600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 160	Date of Summary: 20-MAR-1992	First Sample Examined: 0
Lease Number: G02648	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11700
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7730
API Well Number: 608044003100	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 10-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7587 / 5854	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
9712 / 6845	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10890 / 7370	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 164	Date of Summary: 05-MAR-1988	First Sample Examined: 0
Lease Number: G07397	Source of Paleo: OPERATOR	Borehole MD: 13364
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11443
API Well Number: 608044012101	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1010
Public Info Code: Y 04-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12438 /10631	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 09-SEP-1985	First Sample Examined: 2090
Lease Number: G06280	Source of Paleo: OPERATOR	Borehole MD: 12386
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11966
API Well Number: 608044006300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2090 - 12370	Water Depth: 960
Public Info Code: Y 15-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2090 / 2090	DEF AT first sample examined	POS AT 4
2091 / 2091	DEF AT cement	POS AT 4
2210 / 2210	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2540 / 2540	DEF AT faunal change (no faunal increase)	DEF AT 3
3200 / 3200	DEF AT cement	POS AT 3
3320 / 3320	DEF AT faunal change (no faunal increase)	DEF AT 4
4280 / 4280	DEF AT faunal change (no faunal increase)	DEF AT 3
4850 / 4850	DEF AT faunal change (no faunal increase)	DEF AT 4
5870 / 5870	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9340 / 9182	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9970 / 9767	DEF AT faunal change (no faunal increase)	DEF AT 5
10210 / 9987	DEF AT drilling material	POS AT 5
10360 /10125	DEF AT faunal change (no faunal increase)	DEF AT 5
10540 /10290	DEF AT faunal change (no faunal increase)	DEF AT 4
10840 /10565	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
11200 /10895	DEF AT faunal change (no faunal increase)	DEF AT 5
11410 /11087	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11440 /11114	DEF AT faunal change (no faunal increase)	DEF AT 4
11980 /11601	DEF AT faunal change (no faunal increase)	DEF AT 5
12280 /11871	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12370 /11952	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 01-DEC-1988	First Sample Examined: 2090
Lease Number: G06280	Source of Paleo: OPERATOR	Borehole MD: 12386
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11966
API Well Number: 608044006300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2090 - 12370	Water Depth: 960
Public Info Code: Y 15-AUG-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2090 / 2090	DEF AT first sample examined	DEF AT
4760 / 4760	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8590 / 8471	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8950 / 8815	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8980 / 8843	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10090 / 9877	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
10270 /10042	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11980 /11601	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12310 /11898	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12370 /11952	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EB 165	<b>Date of Summary:</b> 07-MAY-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06280	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12475
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12475
<b>API Well Number:</b> 608044008000	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 990
<b>Public Info Code:</b> Y 13-MAR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5810 / 5810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8810 / 8810	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9230 / 9230	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10820 /10820	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
10910 /10910	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12320 /12319	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 24-MAY-1985	First Sample Examined: 0
Lease Number: G06280	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11365
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11360
API Well Number: 608044008800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 871
Public Info Code: Y 12-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5110 / 5109	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8800 / 8797	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT
9820 / 9816	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10570 /10566	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 06-JUL-2000	First Sample Examined: 0
Lease Number: G06280	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11962
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11502
API Well Number: 608044010800	Drilling Operator: PANACO INC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 863
Public Info Code: Y 12-MAR-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5692 / 5690	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10892 / 10520	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 06-DEC-1988	First Sample Examined: 5290
Lease Number: G06280	Source of Paleo: OPERATOR	Borehole MD: 13763
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 11797
API Well Number: 608044011800	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5290 - 12610	Water Depth: 863
Public Info Code: Y 24-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 / 5282	DEF AT first sample examined	DEF AT
5291 / 5283	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6100 / 6041	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
8890 / 8129	DEF AT pyrite	DEF AT
10690 / 9477	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12550 /10910	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
12609 /10953	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12610 /10954	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 06-DEC-1988	First Sample Examined: 12120
Lease Number: G06280	Source of Paleo: OPERATOR	Borehole MD: 12724
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 11464
API Well Number: 608044011802	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 12120 - 12150	Water Depth: 863
Public Info Code: Y 16-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12120 /10928	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
12150 /10955	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 165	Date of Summary: 21-JAN-1988	First Sample Examined: 5500
Lease Number: G06280	Source of Paleo: OPERATOR	Borehole MD: 11846
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 10736
API Well Number: 608044012300	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5500 - 11835	Water Depth: 863
Public Info Code: Y 21-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9210 / 8235	DEF AT Aftonian fauna (local marker)	DEF AT
9300 / 8319	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 166	Date of Summary: 27-JUL-1990	First Sample Examined: 2070
Lease Number: G11413	Source of Paleo: OPERATOR	Borehole MD: 12262
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11341
API Well Number: 608044014800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2070 - 12240	Water Depth: 631
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2070 / 2070	DEF AT first sample examined	DEF IN 3
2190 / 2190	DEF AT local marker deep water fauna	DEF AT 4
2370 / 2370	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
3090 / 3090	DEF AT local marker deep water fauna	DEF AT 5
3300 / 3300	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3780 / 3780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4620 / 4619	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4710 / 4709	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5100 / 5099	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5790 / 5789	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6060 / 6059	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6510 / 6508	POS IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
6540 / 6538	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7290 / 7288	POS IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
7650 / 7648	DEF IN Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
7710 / 7707	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
8279 / 8273	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8280 / 8274	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10350 / 9986	DEF AT pyrite	DEF AT 5
10500 /10088	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10530 /10109	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
10619 /10171	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5

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End Date: 31-DEC-1999

Area Block: EB 166	Date of Summary: 27-JUL-1990	First Sample Examined: 2070
Lease Number: G11413	Source of Paleo: OPERATOR	Borehole MD: 12262
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11341
API Well Number: 608044014800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2070 - 12240	Water Depth: 631
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10620 /10171	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10770 /10277	DEF AT local marker deep water fauna	DEF AT 6
10800 /10299	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
11100 /10519	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
11279 /10655	DEF AT pyrite	DEF AT 6
11280 /10655	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
11340 /10701	DEF AT Cyclammina sp. (local marker)	DEF AT 6
11460 /10794	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
11700 /10982	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11850 /11101	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
12240 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EB 166	<b>Date of Summary:</b> 17-JAN-1992	<b>First Sample Examined:</b> 2090
<b>Lease Number:</b> G13351	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8696
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7468
<b>API Well Number:</b> 608044015400	<b>Drilling Operator:</b> CONOCOPHILLIPS COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2090 - 8560	<b>Water Depth:</b> 470
<b>Public Info Code:</b> Y 31-OCT-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2090 / 2090	DEF AT first sample examined	DEF AT 3
2091 / 2091	DEF IN cement	DEF AT 3
2660 / 2654	DEF AT local marker planktic foram increase	DEF AT 4
2750 / 2740	DEF AT local marker deep water fauna	DEF AT 5
3710 / 3568	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4190 / 3956	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4490 / 4197	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4610 / 4295	DEF AT local marker foram decrease	DEF AT 5
5090 / 4691	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
5420 / 4968	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6080 / 5529	DEF AT local marker foram increase	DEF AT 5
6230 / 5654	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6440 / 5827	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
6950 / 6229	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
7100 / 6347	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7160 / 6395	DEF AT local marker foram decrease	DEF AT 5
7940 / 7039	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
7969 / 7064	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7970 / 7065	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8390 / 7427	DEF AT pyrite	DEF AT 5
8420 / 7453	DEF AT local marker foram decrease	DEF AT 5
8510 / 7532	POS AT local marker foram increase	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 166	Date of Summary: 17-JAN-1992	First Sample Examined: 2090
Lease Number: G13351	Source of Paleo: OPERATOR	Borehole MD: 8696
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7468
API Well Number: 608044015400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 2090 - 8560	Water Depth: 470
Public Info Code: Y 31-OCT-1996	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8560 / 7576	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 166	Date of Summary: 17-JAN-1992	First Sample Examined: 2090
Lease Number: G13351	Source of Paleo: OPERATOR	Borehole MD: 8696
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7468
API Well Number: 608044015400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 2090 - 8560	Water Depth: 470
Public Info Code: Y 31-OCT-1996	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2090 / 2090	DEF AT first sample examined	DEF AT
2630 / 2625	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3260 / 3197	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
4100 / 3884	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6049 / 5503	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6050 / 5504	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6140 / 5580	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6590 / 5949	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7040 / 6299	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7970 / 7065	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8060 / 7141	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8560 / 7576	DEF AT last sample examined	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 208	Date of Summary: 29-JUL-1998	First Sample Examined: 3070
Lease Number: G17238	Source of Paleo: OPERATOR	Borehole MD: 7271
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6560
API Well Number: 608044017500	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3070 - 7270	Water Depth: 1230
Public Info Code: Y 29-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3070 / 3070	DEF AT first sample examined	DEF AT 4
3071 / 3071	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3190 / 3190	DEF AT pyrite	DEF AT 4
3400 / 3399	DEF AT faunal change (no faunal increase)	DEF AT 3
3430 / 3429	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3580 / 3577	DEF AT drilling material	DEF AT 3
3610 / 3607	DEF AT faunal change (no faunal increase)	DEF AT 4
3640 / 3637	DEF AT faunal change (no faunal increase)	DEF AT 3
3760 / 3754	DEF AT faunal change (no faunal increase)	DEF AT 4
3790 / 3784	DEF AT faunal change (no faunal increase)	DEF AT 3
4150 / 4127	DEF AT faunal change (no faunal increase)	DEF AT 4
4180 / 4155	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4300 / 4266	DEF AT local marker (general)	DEF AT 4
4540 / 4482	DEF AT local marker foram increase	DEF AT 4
4660 / 4588	DEF AT local marker foram increase	DEF AT 4
5380 / 5178	DEF AT local marker foram increase	DEF AT 4
5500 / 5265	DEF AT local marker foram increase	DEF AT 4
5620 / 5352	DEF AT drilling material	DEF AT 4
5800 / 5483	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
7270 / 6559	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 208	Date of Summary: 29-JUL-1998	First Sample Examined: 3070
Lease Number: G17238	Source of Paleo: OPERATOR	Borehole MD: 7271
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6560
API Well Number: 608044017500	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3070 - 7210	Water Depth: 1230
Public Info Code: Y 29-JAN-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 3070	DEF AT first sample examined	DEF AT
3071 / 3071	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4210 / 4183	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
4390 / 4348	DEF AT floral flood	DEF AT
4570 / 4508	DEF AT floral flood	DEF AT
5410 / 5200	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5650 / 5374	DEF AT floral flood	DEF AT
7210 / 6517	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 475	Date of Summary: 18-DEC-1991	First Sample Examined: 0
Lease Number: G08204	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12561
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11791
API Well Number: 608044015300	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2633
Public Info Code: Y 30-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5860 / 5860	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7820 / 7820	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10948 /10540	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EB 684	<b>Date of Summary:</b> 30-MAR-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09188	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9056
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8736
<b>API Well Number:</b> 608044015900	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 65
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 3820
<b>Public Info Code:</b> Y 27-JUN-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7470 / 7399	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7530 / 7450	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7950 / 7805	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 688	Date of Summary: 06-JUN-1988	First Sample Examined: 5590
Lease Number: G09191	Source of Paleo: OPERATOR	Borehole MD: 11920
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11917
API Well Number: 608044012700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 5590 - 11920	Water Depth: 3767
Public Info Code: Y 22-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5590 / 5590	DEF AT first sample examined	DEF AT 5
7640 / 7640	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8690 / 8690	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10220 /10220	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11060 /11059	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11420 /11418	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
11660 /11657	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
11920 /11917	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 992	Date of Summary: 03-NOV-1997	First Sample Examined: 6660
Lease Number: G10325	Source of Paleo: OPERATOR	Borehole MD: 12450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12203
API Well Number: 608044016000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6660 - 12330	Water Depth: 4872
Public Info Code: Y 30-NOV-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Rockerfeller I Prospect, company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6660 / 6660	DEF AT first sample examined	DEF IN 5
7020 / 7017	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 5
7320 / 7301	DEF AT reworked material	DEF IN 5
7560 / 7512	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF IN 5
7800 / 7710	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF IN 5
8200 / 8042	DEF AT local marker foram decrease	DEF IN 5
9100 / 8858	POS AT local marker foram increase	DEF IN 5
9330 / 9086	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 5
9750 / 9505	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 5
9810 / 9565	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 5
10050 / 9804	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10170 / 9924	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF IN 5
10290 /10044	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF IN 5
10769 /10523	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 5
10770 /10524	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
11250 /11003	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF IN 5
11850 /11603	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 5
11970 /11723	DEF AT - - - - -	DEF AT 6
12030 /11783	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
12090 /11843	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 6
12270 /12023	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12329 /12082	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 992	Date of Summary: 03-NOV-1997	First Sample Examined: 6660
Lease Number: G10325	Source of Paleo: OPERATOR	Borehole MD: 12450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12203
API Well Number: 608044016000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6660 - 12330	Water Depth: 4872
Public Info Code: Y 30-NOV-1998	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12330 /12083	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EB 992	Date of Summary: 04-NOV-1997	First Sample Examined: 6960
Lease Number: G10325	Source of Paleo: OPERATOR	Borehole MD: 12050
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10750
API Well Number: 608044016001	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6960 - 11520	Water Depth: 4872
Public Info Code: Y 30-NOV-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Rockerfeller II Prospect, company-integrated foram and nanno report, 11150=Globorotalia puncticulata

MD / TVD	Paleo Top Description	Ecozone
6960 / 6959	DEF AT first sample examined	DEF IN 5
6961 / 6960	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 5
7380 / 7375	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF IN 5
7920 / 7863	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF IN 5
8940 / 8567	DEF AT reworked material	DEF IN 5
9000 / 8605	DEF AT local marker foram decrease	DEF IN 5
10320 / 9521	POS AT local marker foram increase	DEF IN 5
10800 / 9858	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 5
10860 / 9900	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 5
11460 /10320	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
11519 /10362	DEF AT local marker planktic foram increase	DEF IN 5
11520 /10363	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 2  
Lease Number: G10605  
Well Name: 001  
API Well Number: 177034058100  
Paleo Report Num: 1 of 1  
Public Info Code: Y 24-NOV-1999

Date of Summary: 30-OCT-1989  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: QUINTANA PETROLEUM CORPORATION  
Sample Range: 9000 - 17000  
Ecozone Eq MMS: Y

First Sample Examined: 9000  
Borehole MD: 17000  
Borehole TVD: 17000  
Rkb Elevation: 110  
Water Depth: 28  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 9000	DEF AT first sample examined	DEF IN 2
9060 / 9060	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 2
10920 /10920	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12210 /12210	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13440 /13440	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
17000 /16983	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 21	Date of Summary: 18-NOV-1994	First Sample Examined: 0
Lease Number: G12816	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17865
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17860
API Well Number: 177034066500	Drilling Operator: CONOCO INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 28-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5980 / 5979	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6550 / 6548	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7745 / 7743	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8845 / 8843	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10460 /10458	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10620 /10617	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12310 /12307	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
13380 /13377	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
15490 /15487	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 36	Date of Summary: 19-JAN-1995	First Sample Examined: 0
Lease Number: G10608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8220
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8219
API Well Number: 177034067000	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 12-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5580 / 5580	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6030 / 6030	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7170 / 7169	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8130 / 8129	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 45	Date of Summary: 14-SEP-2000	First Sample Examined: 0
Lease Number: G03287	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10965
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 10588
API Well Number: 177034019700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 22-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8510 / 8380	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9388 / 9172	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
10552 / 10217	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 46	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: G03288	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12465
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 10927
API Well Number: 177034020601	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 10-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10008 / 8578	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10900 / 9427	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11935 /10418	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12080 /10557	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 57  
Lease Number: G03289  
Well Name: 004  
API Well Number: 177034057700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 19-MAR-1999

Date of Summary: 13-MAR-1989  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: CONOCO INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 11200  
Borehole TVD: 11200  
Rkb Elevation: 83  
Water Depth: 52  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6550 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
7150 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7810 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8860 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
8950 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9430 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
9630 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10240 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10900 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 69  
Lease Number: G17838  
Well Name: 001  
API Well Number: 177034085500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 18-JUN-1999

Date of Summary: 17-JUN-1998  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: UNION OIL COMPANY OF CALIFORNIA  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9200  
Borehole TVD: 9200  
Rkb Elevation: 95  
Water Depth: 58  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6432 / 6432	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7261 / 7261	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7734 / 7734	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
8975 / 8975	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 109	Date of Summary: 31-JUL-1991	First Sample Examined: 0
Lease Number: G08645	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11526
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10762
API Well Number: 177034056100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 29-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5380 / 5346	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7000 / 6767	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8710 / 8246	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9340 / 8796	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10000 / 9384	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 109	Date of Summary: 28-OCT-1988	First Sample Examined: 1015
Lease Number: G08645	Source of Paleo: OPERATOR	Borehole MD: 10174
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9834
API Well Number: 177034056300	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1015 - 10174	Water Depth: 68
Public Info Code: Y 29-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1015 / 1015	DEF AT first sample examined	DEF IN 1
5070 / 4970	DEF AT - - - - -	DEF AT 2
5400 / 5279	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6450 / 6271	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7230 / 7015	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7470 / 7244	DEF AT - - - - -	DEF AT 3
8400 / 8135	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9180 / 8884	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9480 / 9171	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
9630 / 9314	DEF AT - - - - -	DEF AT 4
10174 / 9834	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 109	Date of Summary: 04-DEC-1989	First Sample Examined: 4350
Lease Number: G08645	Source of Paleo: OPERATOR	Borehole MD: 8341
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7810
API Well Number: 177034056301	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4350 - 8341	Water Depth: 68
Public Info Code: Y 29-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 / 4299	DEF AT first sample examined	DEF IN 2
5880 / 5656	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
6600 / 6285	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
7020 / 6651	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
7470 / 7044	DEF AT - - - - -	DEF AT 3
8280 / 7759	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
8341 / 7813	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 109	Date of Summary: 21-FEB-1990	First Sample Examined: 4400
Lease Number: G08645	Source of Paleo: OPERATOR	Borehole MD: 11464
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11149
API Well Number: 177034058800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4400 - 11465	Water Depth: 68
Public Info Code: Y 29-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4400 / 4328	DEF AT first sample examined	DEF IN 1
4790 / 4696	DEF AT - - - - -	DEF AT 2
5420 / 5295	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7040 / 6865	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8420 / 8211	DEF AT - - - - -	DEF AT 3
8450 / 8240	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9080 / 8844	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9380 / 9134	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
9740 / 9484	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
10010 / 9748	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10370 /10097	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11389 /11082	DEF AT gouge	DEF AT 5
11390 /11083	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT 5
11420 /11112	DEF AT anhydrite	DEF AT 5
11421 /11113	DEF AT domal material	DEF AT 5
11465 /11156	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 109	Date of Summary: 12-FEB-1990	First Sample Examined: 4520
Lease Number: G08645	Source of Paleo: OPERATOR	Borehole MD: 10214
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9622
API Well Number: 177034059000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4520 - 10386	Water Depth: 69
Public Info Code: Y 29-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 / 4332	DEF AT first sample examined	DEF IN 1
4850 / 4636	DEF AT -----	DEF AT 2
5480 / 5217	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7130 / 6766	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8510 / 8080	DEF AT -----	DEF AT 3
8690 / 8250	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9290 / 8807	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9650 / 9142	DEF AT -----	DEF AT 4
10386 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 117	Date of Summary: 25-MAY-1988	First Sample Examined: 0
Lease Number: G06618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9073
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9072
API Well Number: 177034055400	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 10-JUL-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8165 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8450 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 129  
Lease Number: G14364  
Well Name: 002  
API Well Number: 177034068100  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUN-1999

Date of Summary: 15-MAY-1995  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: EL PASO PRODUCTION GOM INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14500  
Borehole TVD: 13484  
Rkb Elevation: 74  
Water Depth: 81  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8950 / 8751	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9610 / 9306	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11560 /10907	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
12910 /12052	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 132	Date of Summary: 27-APR-1994	First Sample Examined: 0
Lease Number: G13581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7200
API Well Number: 177034064900	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5550	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 134	Date of Summary: 14-JUL-1993	First Sample Examined: 0
Lease Number: G13582	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7996
API Well Number: 177034064300	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5320 / 5319	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6100 / 6098	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 136	Date of Summary: 13-FEB-1995	First Sample Examined: 0
Lease Number: G14365	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13697
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13695
API Well Number: 177034067900	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10600 /10599	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11900 /11898	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13010 /13008	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 138	Date of Summary: 05-JUL-1994	First Sample Examined: 0
Lease Number: G13864	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11448
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8217
API Well Number: 177034066400	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5759 / 4728	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9397 / 6964	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10188 / 7481	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 140	Date of Summary: 21-JUN-1993	First Sample Examined: 0
Lease Number: G13583	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6847
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6664
API Well Number: 177034064100	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5215 / 5198	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 148	Date of Summary: 15-JUL-1989	First Sample Examined: 6900
Lease Number: G05370	Source of Paleo: OPERATOR	Borehole MD: 12615
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11896
API Well Number: 177034057800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3150 - 12585	Water Depth: 84
Public Info Code: Y 25-APR-1999	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6900 / 6547	DEF AT first sample examined	DEF AT 1
8200 / 7734	DEF AT -----	DEF AT 2
8500 / 8011	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8600 / 8103	DEF AT -----	DEF AT 1
9300 / 8754	DEF AT -----	DEF AT 2
9450 / 8894	DEF AT -----	DEF AT 3
9720 / 9147	DEF AT -----	DEF AT 2
10200 / 9598	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10260 / 9654	DEF AT -----	DEF AT 3
10470 / 9853	DEF AT -----	DEF AT 2
11340 /10677	DEF AT -----	DEF AT 3
11600 /10924	DEF AT -----	DEF AT 2
12060 /11365	DEF AT -----	DEF AT 3
12585 /11868	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 148	Date of Summary: 01-MAY-1989	First Sample Examined: 6900
Lease Number: G05370	Source of Paleo: OPERATOR	Borehole MD: 12292
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11820
API Well Number: 177034057801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 188
Paleo Report Num: 1 of 1	Sample Range: 4400 - 12270	Water Depth: 84
Public Info Code: Y 16-MAY-1999	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>
6900 / 6633	DEF AT first sample examined	DEF AT 1
7900 / 7597	DEF AT -----	DEF AT 2
8600 / 8273	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8990 / 8648	DEF AT -----	DEF AT 3
9600 / 9234	DEF AT -----	DEF AT 2
10380 / 9979	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 2
10440 /10037	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11340 /10900	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12270 /11800	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 149	Date of Summary: 25-SEP-1997	First Sample Examined: 0
Lease Number: G13865	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10802
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9800
API Well Number: 177034067200	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 24-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9880 / 9211	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 153	Date of Summary: 20-MAY-1996	First Sample Examined: 0
Lease Number: G12829	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 177034080200	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 25-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 154	Date of Summary: 13-OCT-1995	First Sample Examined: 0
Lease Number: G11836	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7650
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7650
API Well Number: 177034078900	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 03-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4840 / 4840	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6480 / 6480	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7110 / 7109	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 169	Date of Summary: 28-OCT-1996	First Sample Examined: 5000
Lease Number: G14367	Source of Paleo: OPERATOR	Borehole MD: 12700
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12700
API Well Number: 177034081600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 5000 - 12700	Water Depth: 83
Public Info Code: Y 30-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 1
5180 /	DEF AT - - - - -	DEF AT 2
6170 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6350 /	DEF AT - - - - -	DEF AT 3
6380 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8510 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8630 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
9770 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9800 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
10610 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11030 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11210 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
12150 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
12700 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 169	Date of Summary: 28-OCT-1996	First Sample Examined: 5000
Lease Number: G14367	Source of Paleo: OPERATOR	Borehole MD: 12700
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12700
API Well Number: 177034081600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 5000 - 12700	Water Depth: 83
Public Info Code: Y 30-DEC-1998	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT
5269 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5270 /	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5390 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6110 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6230 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
6590 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6770 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
12100 /	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
12700 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 185	Date of Summary: 10-MAY-1985	First Sample Examined: 0
Lease Number: G05377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12174
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11675
API Well Number: 177034049900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 17-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8930 / 8643	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11360 /10921	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11970 /11496	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 205	Date of Summary: 22-AUG-1994	First Sample Examined: 0
Lease Number: G13866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9489
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8650
API Well Number: 177034066900	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6304 / 6302	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6633 / 6622	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 213	Date of Summary: 19-AUG-1985	First Sample Examined: 0
Lease Number: G04781	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9148
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9148
API Well Number: 177034050600	Drilling Operator: NCX COMPANY INC	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 16-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1620 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3240 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4780 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7860 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8195 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 213	Date of Summary: 18-OCT-2001	First Sample Examined: 0
Lease Number: G09458	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13450
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8850
API Well Number: 177034063400	Drilling Operator: NCX COMPANY INC	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 06-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13218 / 8706	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 221	Date of Summary: 24-JAN-1984	First Sample Examined: 0
Lease Number: G05383	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12070
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11763
API Well Number: 177034045200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 25-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5976	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 223	Date of Summary: 09-MAY-1991	First Sample Examined: 0
Lease Number: G10632	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10175
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9800
API Well Number: 177034061300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 27-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 / 7658	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8430 / 8090	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9990 / 9618	DEF AT -----	DEF AT 4



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 226	Date of Summary: 04-MAR-1996	First Sample Examined: 0
Lease Number: G10633	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10407
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8241
API Well Number: 177034066000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 10-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6852 / 5711	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 226	Date of Summary: 04-DEC-1996	First Sample Examined: 0
Lease Number: G10633	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8212
API Well Number: 177034081500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 10-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5850 / 4965	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6310 / 5302	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 231	Date of Summary: 17-FEB-1986	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9820
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 9508
API Well Number: 177034052200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 25-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3242 / 3181	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4866 / 4671	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6541 / 6239	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 231	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G03537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11709
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10805
API Well Number: 177034014200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 22-JAN-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4745 / 4712	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6381 / 6182	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 231	Date of Summary: 06-MAY-1981	First Sample Examined: 0
Lease Number: G03537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11556
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 10696
API Well Number: 177034021300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 121
Public Info Code: Y 22-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 / 4795	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6710 / 6248	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 231	<b>Date of Summary:</b> 11-APR-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10632	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16432
<b>Well Name:</b> E003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11088
<b>API Well Number:</b> 177034060400	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 120
<b>Public Info Code:</b> Y 27-AUG-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7810 / 5858	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10240 / 7313	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11920 / 8215	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 231	Date of Summary: 18-APR-1991	First Sample Examined: 0
Lease Number: G10634	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12936
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 9932
API Well Number: 177034061000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 26-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7320 / 6232	DEF AT -----	DEF AT 2
7380 / 6274	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7410 / 6295	DEF AT -----	DEF AT 3
7890 / 6631	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9720 / 7812	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10170 / 8109	DEF AT -----	DEF AT 4
10590 / 8387	DEF AT local marker (general)	DEF AT 4
12180 / 9442	DEF AT -----	DEF AT 5
12210 / 9461	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12240 / 9481	DEF AT -----	DEF AT 6
12270 / 9500	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
12600 / 9716	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 232	Date of Summary: 29-SEP-1983	First Sample Examined: 0
Lease Number: G03537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10896
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 10892
API Well Number: 177034040700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 22-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7990 /	DEF AT -----	DEF AT 4



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 233	Date of Summary: 30-AUG-1988	First Sample Examined: 0
Lease Number: G09460	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7600
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7600
API Well Number: 177034056800	Drilling Operator: KOCH INDUSTRIES INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 04-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6729 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 234	Date of Summary: 27-DEC-1990	First Sample Examined: 0
Lease Number: G11841	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8120
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7657
API Well Number: 177034060801	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 11-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 6588	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 240	Date of Summary: 03-FEB-1983	First Sample Examined: 5500
Lease Number: G04101	Source of Paleo: OPERATOR	Borehole MD: 12202
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11479
API Well Number: 177044055200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 5500 - 11740	Water Depth: 127
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5064	DEF AT first sample examined	DEF AT
7360 / 6825	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11740 /11048	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 240	<b>Date of Summary:</b> 01-AUG-1980	<b>First Sample Examined:</b> 4340
<b>Lease Number:</b> G04101	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12886
<b>Well Name:</b> JA001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11253
<b>API Well Number:</b> 177044047200	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4340 - 12880	<b>Water Depth:</b> 127
<b>Public Info Code:</b> Y 30-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4340 / 4321	DEF AT first sample examined	DEF AT
6427 / 6035	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12880 /11253	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 240	Date of Summary: 17-SEP-1981	First Sample Examined: 6215
Lease Number: G04101	Source of Paleo: OPERATOR	Borehole MD: 11755
Well Name: JA003	Paleo Done By: OPERATOR	Borehole TVD: 10535
API Well Number: 177044048900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 6215 - 11755	Water Depth: 125
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6215 / 5695	DEF AT first sample examined	DEF AT
7170 / 6552	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11755 /10535	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 259	Date of Summary: 22-JAN-1991	First Sample Examined: 0
Lease Number: G11846	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12726
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11994
API Well Number: 177044074400	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 158
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 / 6418	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6850 / 6813	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7420 / 7330	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 268	Date of Summary: 11-MAR-1997	First Sample Examined: 6980
Lease Number: G14375	Source of Paleo: OPERATOR	Borehole MD: 13662
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13662
API Well Number: 177044095400	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6980 - 13640	Water Depth: 167
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 13490=possibly back in normal section

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT first sample examined	DEF AT 2
8240 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8270 /	DEF AT -----	DEF AT 3
9500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9650 /	DEF AT -----	DEF AT 4
12200 /	DEF AT -----	DEF AT 5
12500 /	DEF AT -----	DEF AT 6
12650 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
12710 /	DEF AT salt	DEF AT 6
12950 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
13490 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13640 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 272	Date of Summary: 22-OCT-1984	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6779
Well Name: H001	Paleo Done By: OPERATOR	Borehole TVD: 6034
API Well Number: 177044058100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 19-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1961 / 1959	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2720 / 2661	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4300 / 4046	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 278	Date of Summary: 11-DEC-1985	First Sample Examined: 0
Lease Number: G00972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9175
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8955
API Well Number: 177044062200	Drilling Operator: TEXACO INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 30-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7460 / 7289	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8250 / 8038	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 278	Date of Summary: 09-JAN-1990	First Sample Examined: 0
Lease Number: G00972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13800
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8657
API Well Number: 177044062900	Drilling Operator: TEXACO INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 12-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12590 / 7913	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 278	Date of Summary: 10-AUG-1999	First Sample Examined: 0
Lease Number: G00972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13655
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 10292
API Well Number: 177044067800	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 27-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11220 / 8227	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
12310 / 9153	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 278	Date of Summary: 27-SEP-1985	First Sample Examined: 0
Lease Number: G00974	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11615
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10947
API Well Number: 177044062000	Drilling Operator: TEXACO INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 05-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7200 / 7166	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 278	<b>Date of Summary:</b> 01-OCT-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G00974	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12856
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10662
<b>API Well Number:</b> 177044067300	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 173
<b>Public Info Code:</b> Y 14-JUL-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 / 6996	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11520 / 9590	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 278	Date of Summary: 06-MAY-1998	First Sample Examined: 0
Lease Number: G00974	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15382
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 15243
API Well Number: 177044069700	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 11-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13300 /13162	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

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Area Block: EC 282	Date of Summary: 16-JAN-1986	First Sample Examined: 4926
Lease Number: G07660	Source of Paleo: OPERATOR	Borehole MD: 14997
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14992
API Well Number: 177044062600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 87
Paleo Report Num: 1 of 6	Sample Range: 4926 - 13130	Water Depth: 186
Public Info Code: Y 11-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4926 / 4926	DEF AT first sample examined	DEF IN 3
6726 / 6723	DEF AT -----	DEF AT 2
7656 / 7653	DEF AT -----	DEF AT 3
8660 / 8657	DEF AT -----	DEF AT 4
11570 / 11566	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
13130 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 282	Date of Summary: 16-JAN-1986	First Sample Examined: 9710
Lease Number: G07660	Source of Paleo: OPERATOR	Borehole MD: 14997
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14992
API Well Number: 177044062600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 87
Paleo Report Num: 2 of 6	Sample Range: 9710 - 12650	Water Depth: 186
Public Info Code: Y 11-FEB-1996	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>
9710 / 9707	DEF AT first sample examined	DEF AT 4
12650 /12645	DEF AT last sample examined	DEF AT 4



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Start Date: 01-JAN-1994

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<b>Area Block:</b> EC 282	<b>Date of Summary:</b> 16-JAN-1986	<b>First Sample Examined:</b> 12020
<b>Lease Number:</b> G07660	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14997
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14992
<b>API Well Number:</b> 177044062600	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 3 of 6	<b>Sample Range:</b> 12020 - 14990	<b>Water Depth:</b> 186
<b>Public Info Code:</b> Y 11-FEB-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack 2 redrill report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12020 /12015	DEF AT first sample examined	DEF AT 4
14270 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
14990 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 282	Date of Summary: 29-NOV-1989	First Sample Examined: 0
Lease Number: G07660	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15420
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 15032
API Well Number: 177044071300	Drilling Operator: FORCENERGY GOM INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 09-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 / 8077	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11380 /10994	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
14765 /14378	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 282	Date of Summary: 11-SEP-1989	First Sample Examined: 7910
Lease Number: G07661	Source of Paleo: OPERATOR	Borehole MD: 15290
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15103
API Well Number: 177044070700	Drilling Operator: FORCENERGY GOM INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 7910 - 15290	Water Depth: 186
Public Info Code: Y 27-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7910 / 7789	DEF AT first sample examined	DEF IN 2
8090 / 7960	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
8150 / 8017	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8780 / 8617	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
12080 /11894	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
14090 /13904	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
15290 /15103	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 283	Date of Summary: 03-DEC-1985	First Sample Examined: 8000
Lease Number: G07661	Source of Paleo: OPERATOR	Borehole MD: 16700
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16695
API Well Number: 177044062800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 8000 - 16700	Water Depth: 181
Public Info Code: Y 27-DEC-1995	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 3
8270 / 8269	DEF AT - - - - -	DEF AT 4
11900 /11897	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
14690 /14685	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
16430 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
16460 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
16580 /	DEF AT - - - - -	DEF AT 6
16700 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 283	Date of Summary: 02-FEB-1990	First Sample Examined: 0
Lease Number: G07661	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15525
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 15411
API Well Number: 177044071500	Drilling Operator: FORCENERGY GOM INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 27-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7660 / 7608	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
12096 /11982	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
14731 /14617	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 286	Date of Summary: 16-DEC-1988	First Sample Examined: 0
Lease Number: G02051	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7705
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 7705
API Well Number: 177044068500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 17-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4583 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 297	Date of Summary: 29-DEC-1987	First Sample Examined: 8375
Lease Number: G07663	Source of Paleo: OPERATOR	Borehole MD: 18705
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18697
API Well Number: 177044065700	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 6	Sample Range: 8375 - 17650	Water Depth: 182
Public Info Code: Y 23-JAN-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8375 / 8375	DEF AT first sample examined	DEF IN 3
8593 / 8593	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8808 / 8808	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
10285 /10284	DEF AT -----	DEF AT 4
11044 /11043	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
15820 /15818	DEF AT -----	DEF AT 3
16810 /16806	DEF AT -----	DEF AT 2
17650 /17644	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 297	<b>Date of Summary:</b> 29-DEC-1987	<b>First Sample Examined:</b> 17650
<b>Lease Number:</b> G07663	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18705
<b>Well Name:</b> B001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18697
<b>API Well Number:</b> 177044065700	<b>Drilling Operator:</b> CLIFFS DRILLING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 6	<b>Sample Range:</b> 17650 - 18232	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 23-JAN-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17650 /17644	DEF AT first sample examined	DEF IN 2
18232 /18225	DEF AT last sample examined	DEF AT 2



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Start Date: 01-JAN-1994

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<b>Area Block:</b> EC 297	<b>Date of Summary:</b> 29-DEC-1987	<b>First Sample Examined:</b> 17970
<b>Lease Number:</b> G07663	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18705
<b>Well Name:</b> B001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18697
<b>API Well Number:</b> 177044065700	<b>Drilling Operator:</b> CLIFFS DRILLING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 3 of 6	<b>Sample Range:</b> 17970 - 18705	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 23-JAN-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack 2 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17970 /17964	DEF AT first sample examined	DEF IN 2
18705 /18697	DEF AT last sample examined	DEF IN 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 297	Date of Summary: 20-DEC-1991	First Sample Examined: 0
Lease Number: G07663	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17670
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 17344
API Well Number: 177044073700	Drilling Operator: FORCENERGY GOM INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 29-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11075 /10847	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 299	Date of Summary: 22-SEP-1993	First Sample Examined: 0
Lease Number: G05391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16315
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13838
API Well Number: 177044058400	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 08-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1860 / 1860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4330 / 4330	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6420 / 6411	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9540 / 8827	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10850 / 9729	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 299	Date of Summary: 15-OCT-1984	First Sample Examined: 0
Lease Number: G05391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15300
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13793
API Well Number: 177044058800	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 28-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6830 / 6328	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10780 / 9757	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 299	Date of Summary: 02-APR-1986	First Sample Examined: 0
Lease Number: G05391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17440
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 15055
API Well Number: 177044061400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 24-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11120 / 9761	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 300	Date of Summary: 17-DEC-1984	First Sample Examined: 4730
Lease Number: G06643	Source of Paleo: OPERATOR	Borehole MD: 17085
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16702
API Well Number: 177044059800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 4730 - 16340	Water Depth: 200
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4730 / 4729	DEF AT first sample examined	DEF AT 3
4731 / 4730	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4940 / 4939	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5060 / 5059	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5960 / 5959	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8659 / 8657	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
8660 / 8658	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9769 / 9767	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
9770 / 9768	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10506 /10504	DEF AT sample gap top	POS AT 3
10820 /10817	DEF AT sample gap bottom	DEF AT 4
10910 /10907	DEF AT -----	DEF AT 4
16340 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 300	<b>Date of Summary:</b> 18-MAR-1985	<b>First Sample Examined:</b> 14000
<b>Lease Number:</b> G06643	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17773
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16945
<b>API Well Number:</b> 177044059801	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 14000 - 17090	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /	DEF AT first sample examined	DEF IN 3
14001 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
17090 /	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 300	<b>Date of Summary:</b> 23-NOV-1988	<b>First Sample Examined:</b> 16550
<b>Lease Number:</b> G06643	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17773
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16945
<b>API Well Number:</b> 177044059801	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 16550 - 17685	<b>Water Depth:</b> 200
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Sidetrack 1 OWDD report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16550 /	DEF AT first sample examined	DEF AT 3
16551 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
17685 /	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 300	Date of Summary: 01-OCT-1990	First Sample Examined: 0
Lease Number: G06643	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18212
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 17135
API Well Number: 177044070901	Drilling Operator: FORCENERGY GOM INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5998	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9782 / 9779	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 300	<b>Date of Summary:</b> 24-FEB-1986	<b>First Sample Examined:</b> 1172
<b>Lease Number:</b> G06643	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21220
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 19430
<b>API Well Number:</b> 177044061800	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 6	<b>Sample Range:</b> 1172 - 19117	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1172 / 1171	DEF AT first sample examined	DEF IN 2
1442 / 1441	DEF AT - - - - -	DEF AT 3
2072 / 2071	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5350 / 5349	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "A")	DEF AT 3
6250 / 6249	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8580 / 8578	DEF AT sample gap top	POS AT 3
14500 /14445	DEF AT sample gap bottom	DEF IN 3
14920 /14843	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
16570 /16176	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
19117 /17940	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 300	<b>Date of Summary:</b> 24-FEB-1986	<b>First Sample Examined:</b> 17580
<b>Lease Number:</b> G06643	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21220
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 19430
<b>API Well Number:</b> 177044061800	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 2 of 6	<b>Sample Range:</b> 17580 - 20390	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17580 /16875	DEF AT first sample examined	DEF AT 3
20390 /18833	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 300	<b>Date of Summary:</b> 24-FEB-1986	<b>First Sample Examined:</b> 20010
<b>Lease Number:</b> G06643	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21220
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 19430
<b>API Well Number:</b> 177044061800	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 3 of 6	<b>Sample Range:</b> 20010 - 21220	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20010 /18547	DEF AT first sample examined	DEF AT 3
21030 /19302	DEF AT - - - - -	DEF AT 4
21180 /19404	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
21220 /19431	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 300	<b>Date of Summary:</b> 24-SEP-1986	<b>First Sample Examined:</b> 1172
<b>Lease Number:</b> G06643	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 21220
<b>Well Name:</b> A004	<b>Paleo Done By:</b> ANTON FRIEDMANN	<b>Borehole TVD:</b> 19430
<b>API Well Number:</b> 177044061800	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 4 of 6	<b>Sample Range:</b> 1172 - 19117	<b>Water Depth:</b> 182
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 005

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1172 / 1171	DEF AT first sample examined	DEF IN 1
2072 / 2071	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
4080 / 4079	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 2
4710 / 4709	DEF AT local marker foram decrease	DEF IN 2
4980 / 4979	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
5380 / 5379	DEF AT local marker foram decrease	DEF IN 2
6670 / 6669	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6970 / 6968	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7330 / 7328	DEF AT local marker foram decrease	DEF AT 3
8460 / 8458	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8490 / 8488	DEF AT foram flood	DEF IN 3
8580 / 8578	DEF AT sample gap top	POS AT 3
9719 / 9717	DEF AT sample gap bottom	DEF AT 3
9720 / 9718	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10830 /10827	DEF AT sample gap top	POS AT 3
13630 /13616	DEF AT sample gap bottom	DEF AT 3
14050 /14017	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
16510 /16135	DEF AT poor sample interval top	POS AT 3
17350 /16716	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
19116 /17939	DEF AT poor sample interval bottom	POS AT 4
19117 /17940	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 300  
Lease Number: G06643  
Well Name: A004  
API Well Number: 177044061800  
Paleo Report Num: 5 of 6  
Public Info Code: Y 04-DEC-1995

Date of Summary: 25-SEP-1986  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: ANTON FRIEDMANN  
Drilling Operator: MARK PRODUCING INC  
Sample Range: 17580 - 20390  
Ecozone Eq MMS: Y

First Sample Examined: 17580  
Borehole MD: 21220  
Borehole TVD: 19430  
Rkb Elevation: 94  
Water Depth: 182  
Paleo ID: 006

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17580 /16875	DEF AT first sample examined	POS AT 4
17581 /16876	DEF AT poor sample interval top	POS AT 4
18870 /17770	POS AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	POS AT 4
20389 /18832	DEF AT poor sample interval bottom	POS AT 4
20390 /18833	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 300	Date of Summary: 26-SEP-1986	First Sample Examined: 20010
Lease Number: G06643	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 21220
Well Name: A004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 19430
API Well Number: 177044061800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 94
Paleo Report Num: 6 of 6	Sample Range: 20010 - 21220	Water Depth: 182
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 007

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20010 /18547	DEF AT first sample examined	DEF IN 4
20011 /18547	DEF AT poor sample interval top	DEF IN 4
21030 /19302	DEF AT foram flood	DEF IN 4
21180 /19404	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
21219 /19430	DEF AT poor sample interval bottom	POS IN 4
21220 /19431	DEF AT last sample examined	POS IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 306	<b>Date of Summary:</b> 26-JUL-1989	<b>First Sample Examined:</b> 3724
<b>Lease Number:</b> G07667	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9168
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8349
<b>API Well Number:</b> 177044070200	<b>Drilling Operator:</b> TAYLOR ENERGY COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3724 - 6110	<b>Water Depth:</b> 197
<b>Public Info Code:</b> Y 30-JUN-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3724 / 3548	DEF AT first sample examined	DEF AT 3
3725 / 3549	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6110 / 5440	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 306	Date of Summary: 26-JUL-1989	First Sample Examined: 6120
Lease Number: G07667	Source of Paleo: OPERATOR	Borehole MD: 9168
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8349
API Well Number: 177044070200	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 6120 - 9168	Water Depth: 197
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 5448	DEF AT first sample examined	DEF AT 3
6390 / 5678	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8640 / 7823	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 4
9168 / 8350	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 306	Date of Summary: 28-FEB-1991	First Sample Examined: 0
Lease Number: G07667	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10054
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9598
API Well Number: 177044074200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 4052	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4880 / 4757	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7530 / 7201	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 306	Date of Summary: 10-JUL-1996	First Sample Examined: 0
Lease Number: G07667	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10415
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10415
API Well Number: 177044073400	Drilling Operator: ENRON CORP	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 9018	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 306	<b>Date of Summary:</b> 25-OCT-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07667	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10225
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9507
<b>API Well Number:</b> 177044074100	<b>Drilling Operator:</b> ENRON CORP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 206
<b>Public Info Code:</b> Y 30-JUN-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7690 / 7369	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8560 / 8116	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 306	Date of Summary: 07-MAY-1992	First Sample Examined: 0
Lease Number: G07667	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8569
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8073
API Well Number: 177044075700	Drilling Operator: ENRON CORP	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6930 / 6619	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7740 / 7343	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7942 / 7524	POS AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 310	Date of Summary: 13-MAY-1996	First Sample Examined: 0
Lease Number: G14380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3605
API Well Number: 177044082900	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 31-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2925 / 2711	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 311	Date of Summary: 19-NOV-1985	First Sample Examined: 2520
Lease Number: G06646	Source of Paleo: OPERATOR	Borehole MD: 8661
Well Name: AJ001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8661
API Well Number: 177044063100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2520 - 8650	Water Depth: 200
Public Info Code: Y 15-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 / 2518	DEF AT first sample examined	DEF AT 2
2521 / 2519	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4060 / 4058	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4210 / 4208	DEF AT faunal change (no faunal increase)	DEF AT 2
6400 / 6398	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6610 / 6608	DEF AT faunal change (no faunal increase)	DEF AT 2
7690 / 7688	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8168 / 8166	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8169 / 8167	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
8170 / 8168	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8650 / 8647	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 311	Date of Summary: 11-DEC-1985	First Sample Examined: 2240
Lease Number: G06646	Source of Paleo: OPERATOR	Borehole MD: 9507
Well Name: AJ002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9006
API Well Number: 177044063300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2240 - 9470	Water Depth: 200
Public Info Code: Y 30-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2240 / 2240	DEF AT first sample examined	DEF AT
2241 / 2241	DEF AT cement	DEF AT
2330 / 2329	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4070 / 3998	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4280 / 4191	DEF AT -----	DEF AT 2
6020 / 5762	DEF AT -----	DEF AT 3
6120 / 5852	DEF AT -----	DEF AT 2
6750 / 6432	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6900 / 6571	DEF AT -----	DEF AT 2
8300 / 7878	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8690 / 8241	DEF AT -----	DEF AT 4
8720 / 8269	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8930 / 8466	DEF AT -----	DEF AT 3
9470 / 8972	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 311	Date of Summary: 25-JUN-1990	First Sample Examined: 0
Lease Number: G06646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: AJ004	Paleo Done By: OPERATOR	Borehole TVD: 12102
API Well Number: 177044068400	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 28-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6286	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8430 / 8240	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11470 / 11273	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-1994

End Date: 31-DEC-1999

Area Block: EC 313	Date of Summary: 17-AUG-1988	First Sample Examined: 0
Lease Number: G08656	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9263
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9263
API Well Number: 177044067700	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 14-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3330 /	DEF AT -----	DEF AT 3
5360 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5930 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6830 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6890 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 313	Date of Summary: 03-OCT-1988	First Sample Examined: 0
Lease Number: G08656	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8715
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8715
API Well Number: 177044068300	Drilling Operator: AMERAC ENERGY CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 24-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2932 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4521 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6360 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8610 /	DEF AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 313	<b>Date of Summary:</b> 02-JAN-2001	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08656	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6473
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5524
<b>API Well Number:</b> 177044071201	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 201
<b>Public Info Code:</b> Y 15-JAN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3602	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5720 / 4930	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 313	Date of Summary: 11-JUL-2001	First Sample Examined: 0
Lease Number: G08656	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5800
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5800
API Well Number: 177044073600	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 15-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5261 / 5261	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 313	Date of Summary: 14-JUN-2001	First Sample Examined: 0
Lease Number: G08656	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6337
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 5733
API Well Number: 177044073900	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 15-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5245	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 316	Date of Summary: 08-AUG-1991	First Sample Examined: 0
Lease Number: G06651	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13079
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13076
API Well Number: 177044075000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 27-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9160 / 9159	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 317	Date of Summary: 19-DEC-1985	First Sample Examined: 1330
Lease Number: G05392	Source of Paleo: OPERATOR	Borehole MD: 8055
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8055
API Well Number: 177044060500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1330 - 8050	Water Depth: 222
Public Info Code: Y 04-JAN-1996	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>
1330 / 1330	DEF AT first sample examined	DEF AT 1
1540 / 1540	DEF AT -----	DEF AT 2
1720 / 1720	DEF AT -----	DEF AT 1
1900 / 1900	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1930 / 1930	DEF AT -----	DEF AT 2
2080 / 2080	DEF AT -----	DEF AT 1
2140 / 2140	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2200 / 2200	DEF AT -----	DEF AT 1
2500 / 2500	DEF AT -----	DEF AT 2
2530 / 2530	DEF AT -----	DEF AT 1
3100 / 3100	DEF AT -----	DEF AT 2
3280 / 3280	DEF AT -----	DEF AT 1
3340 / 3340	DEF AT -----	DEF AT 2
3550 / 3550	DEF AT -----	DEF AT 1
3670 / 3670	DEF AT -----	DEF AT 2
3730 / 3730	DEF AT -----	DEF AT 1
3940 / 3940	DEF AT -----	DEF AT 2
4120 / 4120	DEF AT -----	DEF AT 1
4659 / 4659	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
4660 / 4660	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4870 / 4870	DEF AT -----	DEF AT 1
5290 / 5290	DEF AT -----	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 317	Date of Summary: 19-DEC-1985	First Sample Examined: 1330
Lease Number: G05392	Source of Paleo: OPERATOR	Borehole MD: 8055
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8055
API Well Number: 177044060500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1330 - 8050	Water Depth: 222
Public Info Code: Y 04-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5320 / 5320	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
5440 / 5440	DEF AT -----	DEF AT 2
5470 / 5470	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5530 / 5530	DEF AT -----	DEF AT 3
5680 / 5680	DEF AT -----	DEF AT 1
5740 / 5740	DEF AT -----	DEF AT 3
5830 / 5830	DEF AT -----	DEF AT 2
6250 / 6250	DEF AT -----	DEF AT 1
6550 / 6550	DEF AT -----	DEF AT 2
7120 / 7119	DEF AT -----	DEF AT 3
7360 / 7359	DEF AT -----	DEF AT 2
7480 / 7479	DEF AT -----	DEF AT 3
7900 / 7899	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8050 / 8049	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 318	Date of Summary: 07-APR-1988	First Sample Examined: 1260
Lease Number: G05393	Source of Paleo: OPERATOR	Borehole MD: 12093
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12093
API Well Number: 177044065900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1260 - 12093	Water Depth: 225
Public Info Code: Y 06-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1260 /	DEF AT first sample examined	DEF IN 2
1560 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4770 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7800 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8820 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11910 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12093 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 319	<b>Date of Summary:</b> 23-JAN-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13870	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13739
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12575
<b>API Well Number:</b> 177044098300	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 217
<b>Public Info Code:</b> Y 31-JUL-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7254 / 6719	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7971 / 7329	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13359 /12208	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13360 /12209	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 10-APR-1984	First Sample Examined: 4030
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 9620
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7704
API Well Number: 177044057900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 4030 - 9620	Water Depth: 232
Public Info Code: Y 28-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 3504	DEF AT first sample examined	DEF IN 2
4450 / 3807	DEF AT - - - - -	DEF AT 3
4630 / 3938	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9620 / 7702	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 17-FEB-1984	<b>First Sample Examined:</b> 3340
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7442
<b>Well Name:</b> B006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7306
<b>API Well Number:</b> 177044058000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3340 - 7441	<b>Water Depth:</b> 232
<b>Public Info Code:</b> Y 06-MAR-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3340 / 3321	DEF AT first sample examined	DEF IN 3
4090 / 4025	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7441 / 7305	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 13-AUG-1984	First Sample Examined: 4000
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 7960
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7111
API Well Number: 177044059200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7960	Water Depth: 232
Public Info Code: Y 06-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3510	DEF AT first sample examined	DEF IN 2
4540 / 3903	DEF AT - - - - -	DEF AT 3
5320 / 4575	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7240 / 6392	DEF AT sample gap top	POS AT 3
7540 / 6689	DEF AT sample gap bottom	DEF AT 3
7960 / 7106	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 25-MAY-1984	First Sample Examined: 4530
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 8200
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7868
API Well Number: 177044058600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 4530 - 8200	Water Depth: 232
Public Info Code: Y 17-JUN-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4219	DEF AT first sample examined	DEF IN 3
4980 / 4655	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
8040 / 7703	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8200 / 7863	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 04-DEC-1984	<b>First Sample Examined:</b> 3500
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7527
<b>Well Name:</b> B009	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7240
<b>API Well Number:</b> 177044059900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3500 - 7520	<b>Water Depth:</b> 232
<b>Public Info Code:</b> Y 22-DEC-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3497	DEF AT first sample examined	DEF IN 3
4160 / 4150	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7520 / 7234	DEF AT last sample examined	DEF IN 3



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 321	<b>Date of Summary:</b> 18-OCT-1984	<b>First Sample Examined:</b> 4370
<b>Lease Number:</b> G02061	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12152
<b>Well Name:</b> B010	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10707
<b>API Well Number:</b> 177044059400	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4370 - 10370	<b>Water Depth:</b> 232
<b>Public Info Code:</b> Y 02-NOV-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4147	DEF AT first sample examined	DEF IN 3
4790 / 4451	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9440 / 8104	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9980 / 8591	DEF AT - - - - -	DEF AT 4
10370 / 8956	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 18-OCT-1984	First Sample Examined: 9380
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 12152
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10707
API Well Number: 177044059400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 9380 - 12140	Water Depth: 232
Public Info Code: Y 02-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 8055	DEF AT first sample examined	DEF IN 3
9381 / 8056	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9860 / 8479	DEF AT - - - - -	DEF AT 4
11600 /10160	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12140 /10695	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 06-JUL-1984	First Sample Examined: 5610
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 9670
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8051
API Well Number: 177044058700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5610 - 9660	Water Depth: 232
Public Info Code: Y 30-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5610 / 4525	DEF AT first sample examined	DEF IN 2
5611 / 4525	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
6150 / 4929	DEF AT -----	DEF AT 3
8400 / 6802	DEF AT -----	DEF AT 4
9030 / 7417	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9660 / 8042	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 12-FEB-1985	First Sample Examined: 3900
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 8679
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7219
API Well Number: 177044060600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 3900 - 8670	Water Depth: 232
Public Info Code: Y 08-MAR-1995	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3518	DEF AT first sample examined	DEF IN 3
5100 / 4450	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8670 / 7213	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 321	Date of Summary: 14-MAR-1985	First Sample Examined: 3810
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 7646
Well Name: B014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7213
API Well Number: 177044060900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3810 - 7620	Water Depth: 232
Public Info Code: Y 10-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3810 / 3809	DEF AT first sample examined	DEF AT 3
3811 / 3810	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4260 / 4258	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7620 / 7195	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 324	Date of Summary: 27-DEC-1995	First Sample Examined: 1058
Lease Number: G14381	Source of Paleo: OPERATOR	Borehole MD: 2500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2500
API Well Number: 177044082200	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1058 - 2040	Water Depth: 199
Public Info Code: Y 31-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1058 /	DEF AT first sample examined	DEF AT 2
1380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1470 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1920 /	POS AT reworked material	DEF AT 3
2040 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 332  
 Lease Number: G12852  
 Well Name: A011  
 API Well Number: 177044083100  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 28-OCT-1996

Date of Summary: 19-AUG-1996  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: SAMEDAN OIL CORPORATION  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 13975  
 Borehole TVD: 11610  
 Rkb Elevation: 120  
 Water Depth: 250  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10957 / 9103	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
11210 / 9302	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 346	Date of Summary: 30-APR-1985	First Sample Examined: 850
Lease Number: G06655	Source of Paleo: OPERATOR	Borehole MD: 9774
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7935
API Well Number: 177044061100	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 850 - 9774	Water Depth: 306
Public Info Code: Y 26-MAY-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 / 850	DEF AT first sample examined	DEF IN 2
1200 / 1200	DEF AT - - - - -	DEF AT 3
2370 / 2370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3360 / 3352	DEF AT sample gap top	POS AT 3
4680 / 4417	DEF AT sample gap bottom	DEF AT 3
5490 / 4993	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8010 / 6673	DEF AT - - - - -	DEF AT 4
9774 / 7935	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 346  
Lease Number: G06655  
Well Name: A002  
API Well Number: 177044061500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 01-JUL-1995

Date of Summary: 05-JUN-1985  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARK PRODUCING INC  
Sample Range: 4230 - 11153  
Ecozone Eq MMS: Y

First Sample Examined: 4230  
Borehole MD: 11153  
Borehole TVD: 10793  
Rkb Elevation: 95  
Water Depth: 310  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 / 4230	DEF AT first sample examined	DEF IN 3
4231 / 4231	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4710 / 4710	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5430 / 5430	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7710 / 7699	DEF AT - - - - -	DEF AT 5
7830 / 7815	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8400 / 8346	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10770 /10476	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11153 /10793	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 346  
Lease Number: G06655  
Well Name: A002  
API Well Number: 177044061501  
Paleo Report Num: 1 of 1  
Public Info Code: Y 26-JUL-1995

Date of Summary: 28-JUN-1985  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARK PRODUCING INC  
Sample Range: 8010 - 12480  
Ecozone Eq MMS: Y

First Sample Examined: 8010  
Borehole MD: 12500  
Borehole TVD: 11475  
Rkb Elevation: 95  
Water Depth: 305  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7936	DEF AT first sample examined	DEF IN 5
8400 / 8224	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10290 / 9572	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10530 / 9772	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
10590 / 9823	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
10740 / 9950	DEF AT - - - - -	DEF AT 6
11010 / 10179	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
12480 / 11457	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 346	<b>Date of Summary:</b> 23-JAN-1986	<b>First Sample Examined:</b> 4890
<b>Lease Number:</b> G06655	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10980
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9178
<b>API Well Number:</b> 177044063200	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4890 - 8460	<b>Water Depth:</b> 313
<b>Public Info Code:</b> Y 13-FEB-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4300	DEF AT first sample examined	DEF IN 3
5670 / 4894	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8460 / 7089	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 346	Date of Summary: 23-JAN-1986	First Sample Examined: 8460
Lease Number: G06655	Source of Paleo: OPERATOR	Borehole MD: 10980
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9178
API Well Number: 177044063200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 8460 - 10980	Water Depth: 313
Public Info Code: Y 13-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8460 / 7089	DEF AT first sample examined	DEF AT 3
8520 / 7139	DEF AT -----	DEF AT 4
9600 / 8041	DEF AT -----	DEF AT 5
10530 / 8807	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10800 / 9030	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10980 / 9178	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 349	Date of Summary: 15-OCT-1997	First Sample Examined: 0
Lease Number: G13592	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7669
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6272
API Well Number: 177044081400	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 306
Public Info Code: Y 29-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3641	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5820 / 4919	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6750 / 5588	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 358	<b>Date of Summary:</b> 20-MAY-1999	<b>First Sample Examined:</b> 2480
<b>Lease Number:</b> G14388	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6148
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5150
<b>API Well Number:</b> 177044099500	<b>Drilling Operator:</b> ANADARKO PETROLEUM CORPORATION	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2480 - 6148	<b>Water Depth:</b> 331
<b>Public Info Code:</b> Y 06-NOV-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2480 / 2468	DEF AT first sample examined	DEF AT 3
3320 / 3101	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5240 / 4276	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5450 / 4463	DEF AT transported shelf fauna	DEF AT 3
5870 / 4872	DEF AT transported shelf fauna	DEF AT 3
6148 / 5150	DEF AT last sample examined	DEF AT 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 364	<b>Date of Summary:</b> 01-OCT-1997	<b>First Sample Examined:</b> 4200
<b>Lease Number:</b> G13593	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13150
<b>Well Name:</b> 003	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 13148
<b>API Well Number:</b> 177044096900	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4200 - 13150	<b>Water Depth:</b> 367
<b>Public Info Code:</b> Y 17-APR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 /	DEF AT first sample examined	DEF AT
5730 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6630 /	DEF AT local marker floral increase	DEF AT
7050 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7170 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyrei	DEF AT
7230 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7290 /	DEF AT reworked material	DEF AT
7350 /	DEF AT reworked material	DEF AT
7410 /	DEF AT reworked material	DEF AT
8310 /	DEF AT local marker floral increase	DEF AT
8430 /	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8490 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9090 /	DEF AT out-of-place section	DEF AT
10430 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10490 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10800 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10920 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11100 /	POS AT Upper Miocene (Messinian) Discoaster quinquerramus (increase)	DEF AT
11880 /	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
12360 /	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12480 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
13149 /	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 364	<b>Date of Summary:</b> 01-OCT-1997	<b>First Sample Examined:</b> 4200
<b>Lease Number:</b> G13593	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13150
<b>Well Name:</b> 003	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 13148
<b>API Well Number:</b> 177044096900	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4200 - 13150	<b>Water Depth:</b> 367
<b>Public Info Code:</b> Y 17-APR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13150 /	DEF AT last sample examined	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 364	<b>Date of Summary:</b> 05-NOV-1997	<b>First Sample Examined:</b> 4200
<b>Lease Number:</b> G13593	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13150
<b>Well Name:</b> 003	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 13148
<b>API Well Number:</b> 177044096900	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4200 - 13150	<b>Water Depth:</b> 367
<b>Public Info Code:</b> Y 17-APR-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** 7260=Possible overturned block becoming younger downhole, 10920=A-fauna by nannos

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 /	DEF AT first sample examined	POS AT 2
4230 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4350 /	DEF AT local marker foram increase	DEF AT 2
4470 /	DEF AT local marker (general)	DEF AT 2
5100 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
5130 /	DEF AT local marker (general)	DEF AT 2
5160 /	DEF AT local marker (general)	DEF AT 2
5310 /	DEF AT local marker foram increase	DEF AT 3
5430 /	DEF AT local marker foram increase	DEF AT 3
5490 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5640 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5820 /	DEF AT reworked material	DEF AT 3
5880 /	DEF AT reworked material	DEF AT 3
5970 /	DEF AT reworked material	DEF AT 3
6240 /	DEF AT local marker foram increase	DEF AT 3
6390 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6930 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
7140 /	DEF AT local marker foram increase	DEF AT 4
7170 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7260 /	POS AT reworked material	DEF AT 4
8010 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8310 /	DEF AT local marker foram increase	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 364	Date of Summary: 05-NOV-1997	First Sample Examined: 4200
Lease Number: G13593	Source of Paleo: OPERATOR	Borehole MD: 13150
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13148
API Well Number: 177044096900	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4200 - 13150	Water Depth: 367
Public Info Code: Y 17-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8340 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8370 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8400 /	DEF AT local marker foram increase	DEF AT 4
8430 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
8431 /	DEF AT reworked material	DEF AT 4
8670 /	DEF AT local marker foram increase	DEF AT 3
8730 /	DEF AT limestone	DEF AT 4
9090 /	POS AT reworked material	DEF AT 4
9120 /	DEF AT sand	DEF AT 3
9300 /	POS AT Arenaceous fauna (local marker)	DEF AT 3
9420 /	DEF AT local marker foram increase	DEF AT 4
9870 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10380 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
10410 /	DEF AT limestone	DEF AT 4
10440 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10470 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10500 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10770 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10800 /	DEF AT cement	DEF AT
10860 /	DEF AT local marker foram increase	DEF AT 4
10890 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10920 /	DEF AT local marker (general)	DEF AT 4
11010 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11100 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 364	Date of Summary: 05-NOV-1997	First Sample Examined: 4200
Lease Number: G13593	Source of Paleo: OPERATOR	Borehole MD: 13150
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13148
API Well Number: 177044096900	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4200 - 13150	Water Depth: 367
Public Info Code: Y 17-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11520 /	DEF AT local marker foram increase	DEF AT 4
11790 /	DEF AT local marker foram increase	DEF AT 4
11910 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11970 /	DEF AT local marker (general)	DEF AT 3
12090 /	DEF AT local marker foram increase	DEF AT 3
12120 /	DEF AT local marker foram increase	DEF AT 3
12420 /	DEF AT reworked material	DEF AT 3
12480 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12540 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12570 /	DEF AT local marker foram increase	DEF AT 4
12600 /	DEF AT local marker foram increase	DEF AT 4
12630 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
12720 /	DEF AT local marker foram increase	DEF AT 4
12840 /	DEF AT sand	DEF AT 3
13110 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
13140 /	DEF AT local marker foram increase	DEF AT 4
13150 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 365	Date of Summary: 20-DEC-1993	First Sample Examined: 4050
Lease Number: G13593	Source of Paleo: OPERATOR	Borehole MD: 10804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6199
API Well Number: 177044079000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4050 - 10804	Water Depth: 374
Public Info Code: Y 17-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 6270=gray limestone 1 zone, 6930=gray limestone 2 zone

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 3409	DEF AT first sample examined	DEF AT
4051 / 3409	DEF IN Illinoian fauna (local marker)	DEF AT
4110 / 3431	DEF AT -----	DEF AT 2
4950 / 3714	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5130 / 3774	DEF AT shell fragments	DEF AT 2
5190 / 3793	DEF AT -----	DEF IN 2
5550 / 3906	DEF AT -----	DEF AT 2
6150 / 4120	DEF AT local marker (general)	DEF IN 1
6270 / 4157	DEF AT limestone	DEF IN 1
6390 / 4194	DEF AT -----	DEF AT 2
6930 / 4356	DEF AT limestone	DEF AT 2
7710 / 4601	DEF AT sand	DEF AT 2
7950 / 4692	DEF AT local marker foram increase	DEF AT 2
8550 / 4912	DEF AT local marker foram increase	DEF AT 2
8551 / 4913	DEF AT shell fragments	DEF AT 2
8670 / 4954	DEF AT sand	DEF AT 2
9030 / 5080	DEF AT local marker foram increase	DEF AT 2
9210 / 5144	DEF AT drilling material	DEF AT 2
10110 / 5653	DEF AT local marker foram increase	DEF IN 2
10410 / 5877	DEF AT -----	DEF AT 2
10590 / 6021	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
10710 / 6120	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 365	Date of Summary: 20-DEC-1993	First Sample Examined: 4050
Lease Number: G13593	Source of Paleo: OPERATOR	Borehole MD: 10804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6199
API Well Number: 177044079000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4050 - 10804	Water Depth: 374
Public Info Code: Y 17-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10804 / 6200	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EC 370	Date of Summary: 18-JUL-1974	First Sample Examined: 2220
Lease Number: G02266	Source of Paleo: OPERATOR	Borehole MD: 7384
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5844
API Well Number: 177044019502	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 2220 - 6588	Water Depth: 368
Public Info Code: Y 26-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2220 / 2220	DEF AT first sample examined	DEF AT
2221 / 2221	DEF IN cement	DEF AT
2670 / 2669	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
2910 / 2903	DEF AT -----	DEF AT 3
3570 / 3502	DEF AT -----	DEF AT 4
3690 / 3594	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3930 / 3758	DEF AT -----	DEF AT 3
4290 / 3998	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6588 / 5399	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EC 370	<b>Date of Summary:</b> 18-JUL-1974	<b>First Sample Examined:</b> 4020
<b>Lease Number:</b> G02266	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7384
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 5844
<b>API Well Number:</b> 177044019502	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4020 - 7380	<b>Water Depth:</b> 368
<b>Public Info Code:</b> Y 26-JAN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3816	DEF AT first sample examined	DEF AT 2
5160 / 4535	DEF AT - - - - -	DEF AT 3
7380 / 5842	DEF AT last sample examined	DEF AT 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 10	Date of Summary: 17-APR-1980	First Sample Examined: 4020
Lease Number: G02892	Source of Paleo: OPERATOR	Borehole MD: 14547
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14496
API Well Number: 177094038700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 2	Sample Range: 4020 - 15040	Water Depth: 10
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4020 / 4020	DEF AT first sample examined	DEF AT 1
4021 / 4021	DEF AT cement	DEF AT 1
7080 / 7080	DEF AT - - - - -	DEF AT 2
7230 / 7230	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7410 / 7410	DEF AT - - - - -	DEF AT 2
8920 / 8919	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9100 / 9099	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
9890 / 9889	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10090 /10089	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10480 /10479	DEF IN local marker benthic foram increase	DEF AT 5
10990 /10989	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11140 /11139	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11500 /11499	DEF AT - - - - -	DEF AT 4
12160 /12157	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12520 /12511	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
12940 /12922	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 7
13539 /13511	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
13540 /13512	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
15040 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 10	Date of Summary: 16-JUL-1980	First Sample Examined: 11800
Lease Number: G02892	Source of Paleo: OPERATOR	Borehole MD: 14547
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14496
API Well Number: 177094038700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 45
Paleo Report Num: 2 of 2	Sample Range: 11800 - 14110	Water Depth: 10
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11800 /11799	DEF AT first sample examined	POS AT 5
11801 /11800	DEF AT cement	POS AT 5
11802 /11801	DEF IN Middle Miocene (Serravallian) Textularia "W"	POS AT 5
12190 /12186	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12550 /12541	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
12940 /12922	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 7
13540 /13512	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14110 /14070	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 10  
Lease Number: G02892  
Well Name: 003  
API Well Number: 177094041700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 26-SEP-1995

Date of Summary: 22-OCT-1981  
Source of Paleo: OPERATOR  
Paleo Done By: CROSBIE-MACOMBER  
Drilling Operator: TRANSCO EXPLORATION COMPANY  
Sample Range: 9500 - 15560  
Ecozone Eq MMS:

First Sample Examined: 9500  
Borehole MD: 15573  
Borehole TVD: 15573  
Rkb Elevation: 38  
Water Depth: 13  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9500	DEF AT first sample examined	DEF AT 3
10010 /10010	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11210 /11210	DEF AT faunal change (no faunal increase)	DEF AT 5
11300 /11300	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11630 /11630	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11780 /11780	DEF AT faunal change (no faunal increase)	DEF AT 4
12260 /12259	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13040 /13039	DEF AT local marker foram increase	DEF AT 5
13460 /13459	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
13940 /13939	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
14000 /13999	DEF AT faunal change (no faunal increase)	DEF AT 4
14180 /14179	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14690 /14689	DEF AT local marker benthic foram increase	DEF AT 5
15560 /15559	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 10	Date of Summary: 21-MAY-1982	First Sample Examined: 9500
Lease Number: G02892	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15570
API Well Number: 177094048500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 9500 - 15600	Water Depth: 9
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9500 / 9495	DEF AT first sample examined	DEF AT 3
9501 / 9496	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9530 / 9525	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10099 /10094	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10100 /10095	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10250 /10245	DEF AT faunal change (no faunal increase)	DEF AT 5
10460 /10455	DEF AT faunal change (no faunal increase)	DEF AT 4
11420 /11415	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
11750 /11745	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12110 /12104	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12530 /12524	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
12920 /12913	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 7
13489 /13482	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
13490 /13483	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14140 /14133	DEF AT poor sample interval top	DEF AT 5
14899 /14887	DEF AT poor sample interval bottom	DEF AT 5
14900 /14888	DEF AT local marker benthic foram increase	DEF AT 5
15600 /15570	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 10	Date of Summary: 09-JUN-1981	First Sample Examined: 9500
Lease Number: G02892	Source of Paleo: OPERATOR	Borehole MD: 15693
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15693
API Well Number: 177094042200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 2	Sample Range: 9500 - 11840	Water Depth: 13
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9500	DEF AT first sample examined	DEF AT 3
9501 / 9501	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10040 /10040	DEF AT -----	DEF AT 4
10129 /10129	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10130 /10130	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10250 /10250	DEF AT -----	DEF AT 5
10370 /10370	DEF AT -----	DEF AT 4
11690 /11690	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11840 /11840	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 10	Date of Summary: 09-JUN-1981	First Sample Examined: 9530
Lease Number: G02892	Source of Paleo: OPERATOR	Borehole MD: 15693
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15693
API Well Number: 177094042200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 40
Paleo Report Num: 2 of 2	Sample Range: 9530 - 15710	Water Depth: 13
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9530 / 9530	DEF AT first sample examined	DEF AT 3
9531 / 9531	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10010 /10010	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10220 /10220	DEF AT -----	DEF AT 5
10430 /10430	DEF AT -----	DEF AT 4
11720 /11720	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11810 /11810	DEF AT -----	DEF AT 4
12890 /12890	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
13430 /13430	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14570 /14570	DEF AT Middle Miocene (Serravallian) Cibicides barnetti	DEF AT 5
15710 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 19	Date of Summary: 11-SEP-1997	First Sample Examined: 10000
Lease Number: G14459	Source of Paleo: OPERATOR	Borehole MD: 16533
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16528
API Well Number: 177094115100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 29
Paleo Report Num: 1 of 2	Sample Range: 10000 - 12250	Water Depth: 9
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Original hole report, company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
10000 /10000	DEF AT first sample examined	DEF AT 2
10001 /10001	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10240 /10240	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 2
10510 /10510	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT 2
11200 /11200	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF IN 2
11560 /11559	POS IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 3
11590 /11589	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
12190 /12189	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 3
12250 /12249	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 19	<b>Date of Summary:</b> 11-SEP-1997	<b>First Sample Examined:</b> 12250
<b>Lease Number:</b> G14459	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16533
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16528
<b>API Well Number:</b> 177094115100	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 29
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12250 - 16540	<b>Water Depth:</b> 9
<b>Public Info Code:</b> Y 30-APR-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Bypass well, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12250 /12249	DEF AT first sample examined	DEF AT 3
12251 /12250	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
12280 /12279	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 3
14170 /14166	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
14350 /14346	DEF IN Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF IN 3
14410 /14405	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14470 /14465	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	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-1994

End Date: 31-DEC-1999

Area Block: EI 23	Date of Summary: 07-JUN-1994	First Sample Examined: 0
Lease Number: G09573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16750
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16750
API Well Number: 177094094500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 131
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 13-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 /10530	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11670 /11670	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
12150 /12150	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12870 /12870	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13590 /13589	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
14190 /14189	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 26	Date of Summary: 22-NOV-1985	First Sample Examined: 0
Lease Number: G03147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10395
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10395
API Well Number: 177094071400	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 23-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9740 / 9737	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 26	Date of Summary: 03-JUL-1986	First Sample Examined: 0
Lease Number: G03147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10230
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10230
API Well Number: 177094072900	Drilling Operator: TEXACO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 02-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9250 / 9249	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
9760 / 9759	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 26	Date of Summary: 10-JUN-1988	First Sample Examined: 0
Lease Number: G03147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10185
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10183
API Well Number: 177094078200	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 02-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 9299	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
9805 / 9804	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 28	Date of Summary: 01-FEB-1989	First Sample Examined: 0
Lease Number: G05479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13783
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13776
API Well Number: 177094066700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 01-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10649 /10649	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 28	Date of Summary: 05-JUN-1985	First Sample Examined: 0
Lease Number: G05479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12298
API Well Number: 177094069300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 18-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10636 /10635	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 28	Date of Summary: 07-NOV-1995	First Sample Examined: 0
Lease Number: G05479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12099
API Well Number: 177094079500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 10-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8010 / 8009	DEF AT -----	DEF AT 3
9000 / 8999	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9510 / 9509	DEF AT -----	DEF AT 4
9840 / 9839	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10200 /10199	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10440 /10439	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11610 /11609	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 33	Date of Summary: 16-MAY-1986	First Sample Examined: 0
Lease Number: G03560	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11137
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11135
API Well Number: 177094073000	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 16-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8170 / 8169	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9160 / 9159	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10090 / 10089	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 33	<b>Date of Summary:</b> 07-OCT-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03560	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11498
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11495
<b>API Well Number:</b> 177094075800	<b>Drilling Operator:</b> COCKRELL OIL CORPORATION	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 10
<b>Public Info Code:</b> Y 19-APR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7610 / 7609	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9613 / 9611	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
9855 / 9852	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT



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Start Date: 01-JAN-1994

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Area Block: EI 42	Date of Summary: 25-MAY-1984	First Sample Examined: 0
Lease Number: G04858	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13881
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13878
API Well Number: 177094051000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 24-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13650 /13647	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 42	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G04858	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15550
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15550
API Well Number: 177094061800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 08-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14240 /14238	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 43	Date of Summary: 20-JUN-1978	First Sample Examined: 7000
Lease Number: G03561	Source of Paleo: OPERATOR	Borehole MD: 15230
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15230
API Well Number: 177094031800	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 43
Paleo Report Num: 1 of 2	Sample Range: 7000 - 15260	Water Depth: 20
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF IN 2
8100 / 8100	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9210 / 9210	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9900 / 9900	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11490 /11490	DEF AT sample gap top	POS AT 3
11850 /11850	DEF AT sample gap bottom	DEF AT 3
12060 /12060	DEF AT -----	DEF AT 4
12180 /12180	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12240 /12240	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12300 /12300	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
13140 /13139	DEF AT -----	DEF AT 5
15260 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 43	Date of Summary: 18-AUG-1978	First Sample Examined: 4510
Lease Number: G03561	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15230
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 15230
API Well Number: 177094031800	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 43
Paleo Report Num: 2 of 2	Sample Range: 4510 - 15260	Water Depth: 20
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS:	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
4511 / 4511	DEF AT cement	POS AT 2
5020 / 5020	DEF AT sample gap top	POS AT 2
5170 / 5170	DEF AT sample gap bottom	POS AT 2
5920 / 5920	DEF AT local marker benthic foram increase	DEF AT 2
8100 / 8100	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	POS AT 2
9240 / 9240	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
9330 / 9330	DEF AT local marker foram decrease	DEF AT 3
9900 / 9900	DEF AT Upper Miocene (Tortonian) Cyclammina 3	POS AT 3
10890 /10890	DEF AT local marker benthic foram increase	DEF AT 3
10950 /10950	DEF AT local marker foram decrease	DEF AT 3
11430 /11430	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12090 /12090	POS AT faunal change (no faunal increase)	POS AT 4
12180 /12180	DEF AT Upper Miocene (Tortonian) Discorbis 12	POS AT 4
12240 /12240	DEF AT Upper Miocene (Tortonian) Textularia "L"	POS AT 4
12300 /12300	DEF AT Upper Miocene (Tortonian) Uvigerina 3	POS AT 4
13140 /13139	DEF AT local marker planktic foram increase	POS AT 5
13170 /13169	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13260 /13259	DEF IN Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 5
13380 /13379	DEF AT local marker foram decrease	DEF IN 4
13560 /13559	DEF AT local marker planktic foram increase	DEF AT 5
13890 /13888	DEF AT local marker foram decrease	POS IN 4

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End Date: 31-DEC-1999

Area Block: EI 43	Date of Summary: 18-AUG-1978	First Sample Examined: 4510
Lease Number: G03561	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15230
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 15230
API Well Number: 177094031800	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 43
Paleo Report Num: 2 of 2	Sample Range: 4510 - 15260	Water Depth: 20
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15260 /	DEF AT last sample examined	POS IN 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 43	Date of Summary: 27-JAN-1995	First Sample Examined: 0
Lease Number: G03561	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13185
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12735
API Well Number: 177094103900	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8203 / 8203	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10814 /10662	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12968 /12556	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 43  
Lease Number: G03561  
Well Name: A001  
API Well Number: 177094031801  
Paleo Report Num: 1 of 1  
Public Info Code: Y 10-APR-1996

Date of Summary: 02-OCT-1978  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: ASHLAND OIL INC  
Sample Range: 7510 - 13915  
Ecozone Eq MMS: Y

First Sample Examined: 7510  
Borehole MD: 13916  
Borehole TVD: 12753  
Rkb Elevation: 43  
Water Depth: 20  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7297	DEF AT first sample examined	DEF IN 2
8230 / 7923	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10720 /10061	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12370 /11476	DEF AT - - - - -	DEF AT 4
12730 /11756	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13280 /12209	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
13915 /12752	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 43	Date of Summary: 19-JAN-1984	First Sample Examined: 4850
Lease Number: G03561	Source of Paleo: OPERATOR	Borehole MD: 11887
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10625
API Well Number: 177094061400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4850 - 11887	Water Depth: 18
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4850 / 4403	DEF AT first sample examined	DEF IN 1
8810 / 7619	DEF AT -----	DEF AT 2
10130 / 8873	DEF AT -----	POS AT 3
10820 / 9559	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	POS AT 3
11660 /10399	DEF AT Upper Miocene (Tortonian) Cyclammina 3	POS AT 3
11887 /10626	DEF AT last sample examined	POS AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 43	Date of Summary: 20-FEB-1985	First Sample Examined: 0
Lease Number: G03561	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10905
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177094067900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 7948	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10450 /10046	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 44	Date of Summary: 23-MAR-1984	First Sample Examined: 0
Lease Number: G03990	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12377
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11321
API Well Number: 177094059400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 12-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3770	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
5770 / 5770	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7532 / 7425	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8030 / 7832	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9950 / 9398	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
12210 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 44	Date of Summary: 26-JUL-1984	First Sample Examined: 0
Lease Number: G03990	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13850
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13784
API Well Number: 177094064600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 07-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 / 3650	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7900 / 7900	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8405 / 8405	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9440 / 9440	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
11190 /11189	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12090 /12089	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
13290 /13266	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 44	Date of Summary: 18-OCT-1996	First Sample Examined: 0
Lease Number: G03990	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13328
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13320
API Well Number: 177094110100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 13
Public Info Code: Y 20-MAR-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7651 / 7646	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8490 / 8485	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
9539 / 9534	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
9933 / 9928	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
10650 /10645	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
11040 /11034	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11910 /11903	DEF AT Middle Miocene (Serravallian) Textularia "W"	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-1994

End Date: 31-DEC-1999

Area Block: EI 45	Date of Summary: 22-JUL-1985	First Sample Examined: 0
Lease Number: G03991	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177094070000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 / 5090	POS IN Miocene	DEF AT
7630 / 7630	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 45	Date of Summary: 08-MAR-1984	First Sample Examined: 0
Lease Number: G03991	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10600
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10350
API Well Number: 177094062800	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 04-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7370 / 7234	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8318 / 8154	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 45	Date of Summary: 13-JAN-1995	First Sample Examined: 0
Lease Number: G03991	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13382
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177094103300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 28-FEB-1997	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10529 / 9610	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11834 /10714	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12930 /11616	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 48	Date of Summary: 12-NOV-1985	First Sample Examined: 0
Lease Number: G07727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11150
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11150
API Well Number: 177094070900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 14-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT -----	DEF AT 2
7650 / 7650	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8460 / 8460	DEF AT -----	DEF AT 3
9210 / 9210	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10230 / 10230	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 48	Date of Summary: 06-NOV-1990	First Sample Examined: 0
Lease Number: G07727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12060
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10929
API Well Number: 177094087000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 20-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	POS IN Pliocene	DEF AT
7603 / 7342	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9590 / 8955	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11000 /10092	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
11465 /10456	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 48  
 Lease Number: G07727  
 Well Name: 005  
 API Well Number: 177094093600  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 20-FEB-1998

Date of Summary: 17-DEC-1992  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: HOUSTON EXPLORATION COMPANY  
 Sample Range: 11200 - 13390  
 Ecozone Eq MMS: Y

First Sample Examined: 11200  
 Borehole MD: 13399  
 Borehole TVD: 13397  
 Rkb Elevation: 92  
 Water Depth: 23  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11200 /11199	DEF AT first sample examined	DEF IN 3
11350 /11349	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11440 /11439	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11530 /11529	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
11620 /11619	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11710 /11709	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
13000 /12999	DEF AT Eggerella sp. (local marker)	DEF AT 4
13270 /13268	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
13390 /13388	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 49 <b>Lease Number:</b> G13618 <b>Well Name:</b> 002 <b>API Well Number:</b> 177094097600 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 28-JUN-1996	<b>Date of Summary:</b> 14-DEC-1993 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> SAMEDAN OIL CORPORATION <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b>	<b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 12602 <b>Borehole TVD:</b> 12602 <b>Rkb Elevation:</b> 93 <b>Water Depth:</b> 21 <b>Paleo ID:</b> 001
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6760 / 6760	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7930 / 7930	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10420 /10420	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11500 /11499	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12570 /12569	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 53	Date of Summary: 11-JAN-1984	First Sample Examined: 0
Lease Number: 00479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15000
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177094060600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 05-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9180 / 9171	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10800 /10791	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
12062 /12052	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
14340 /14327	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 53	Date of Summary: 29-APR-1999	First Sample Examined: 0
Lease Number: 00479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14050
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 14047
API Well Number: 177094071800	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 28-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10470 /	DEF AT -----	DEF AT 3
10860 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11190 /	DEF AT -----	DEF AT 4
11820 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 56	Date of Summary: 09-MAY-1989	First Sample Examined: 0
Lease Number: G03780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13686
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13492
API Well Number: 177094080300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 31-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10146 /10144	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
11806 /11750	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
12293 /12195	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 59	Date of Summary: 14-JUL-1995	First Sample Examined: 0
Lease Number: G11936	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14835
API Well Number: 177094105800	Drilling Operator: TANA OIL AND GAS CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 13
Public Info Code: Y 31-MAY-1996	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) Cyclammina 3	DEF AT
13000 /12997	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
14000 /13993	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 76	Date of Summary: 08-OCT-1984	First Sample Examined: 12920
Lease Number: G04823	Source of Paleo: OPERATOR	Borehole MD: 15553
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15525
API Well Number: 177094065300	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 12920 - 15530	Water Depth: 28
Public Info Code: Y 14-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12920 /12903	DEF AT first sample examined	DEF IN 3
12921 /12904	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
14390 /14365	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
15530 /15502	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 76	Date of Summary: 19-SEP-1984	First Sample Examined: 12800
Lease Number: G04823	Source of Paleo: OPERATOR	Borehole MD: 16991
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16981
API Well Number: 177094066200	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 12800 - 16990	Water Depth: 21
Public Info Code: Y 15-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 /12797	DEF AT first sample examined	DEF IN 3
12801 /12798	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
13160 /13156	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
14660 /14654	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
14960 /14953	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15020 /15013	DEF AT Eggerella 3 (local marker)	DEF AT 4
15650 /15641	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
15740 /15731	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
16990 /16980	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 76	<b>Date of Summary:</b> 05-APR-1990	<b>First Sample Examined:</b> 1250
<b>Lease Number:</b> G09364	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 1789
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 1789
<b>API Well Number:</b> 177094083900	<b>Drilling Operator:</b> PENNZOIL SULPHUR COMPANY	<b>Rkb Elevation:</b> 66
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1250 - 1575	<b>Water Depth:</b> 23
<b>Public Info Code:</b> Y 15-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1250 / 1250	DEF AT first sample examined	DEF AT
1575 / 1575	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 79	Date of Summary: 22-APR-1992	First Sample Examined: 0
Lease Number: G11941	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12925
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12526
API Well Number: 177094090800	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9038 / 9022	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 79	<b>Date of Summary:</b> 22-APR-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11941	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12925
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12526
<b>API Well Number:</b> 177094090800	<b>Drilling Operator:</b> MARINER ENERGY INC	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 22
<b>Public Info Code:</b> Y 30-JUN-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9035 / 9019	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10195 /10119	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11615 /11450	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 82	Date of Summary: 01-MAR-1993	First Sample Examined: 0
Lease Number: G11944	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14746
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13649
API Well Number: 177094094200	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT - - - - -	DEF AT 2
9690 / 9592	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10140 / 9960	DEF AT local marker benthic foram increase	DEF AT 2
10890 / 10570	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11670 / 11194	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
13200 / 12398	DEF AT Cyclammia sp. (local marker)	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 89  
Lease Number: 00044  
Well Name: 017  
API Well Number: 177094069700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 09-JUL-1995

Date of Summary: 26-JUN-1985  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ODECO OIL & GAS COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 13270  
Borehole TVD: 13256  
Rkb Elevation: 70  
Water Depth: 18  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9666 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9927 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10407 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10736 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
13204 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 94	<b>Date of Summary:</b> 03-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05488	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13570
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12754
<b>API Well Number:</b> 177094062600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 129
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 34
<b>Public Info Code:</b> Y 10-JUL-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9890 / 9739	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10810 /10504	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 97	<b>Date of Summary:</b> 01-DEC-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05489	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15880
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15870
<b>API Well Number:</b> 177094068900	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 134
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 29
<b>Public Info Code:</b> Y 19-JAN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12301 /12300	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13411 /13410	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
14301 /14300	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
15410 /15406	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 107	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G03810	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12423
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12423
API Well Number: 177094036200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 13-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3869	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4560 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9510 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
9511 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
10680 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11190 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12240 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 107	Date of Summary: 20-APR-1979	First Sample Examined: 329
Lease Number: G03810	Source of Paleo: OPERATOR	Borehole MD: 11029
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11029
API Well Number: 177094036300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 329 - 11030	Water Depth: 30
Public Info Code: Y 13-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
329 /	DEF AT first sample examined	DEF AT 1
1360 /	DEF AT non-marine sediment	DEF AT 0
2200 /	DEF AT -----	DEF AT 0
2770 /	DEF AT non-marine sediment	DEF AT 0
2920 /	DEF AT -----	DEF AT 1
3490 /	DEF AT non-marine sediment	DEF AT 0
3790 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4509 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4510 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4540 /	DEF AT -----	DEF AT 1
7180 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8240 /	DEF AT Arenaceous fauna (local marker)	DEF AT 1
9230 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
9709 /	DEF AT Cyclamina sp. (local marker)	DEF AT 2
9710 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
9830 /	DEF AT -----	DEF AT 1
10460 /	DEF AT -----	DEF AT 2
10490 /	DEF AT -----	DEF AT 1
10910 /	DEF AT Eggerella sp. (local marker)	DEF AT 1
11030 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 107	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G03810	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4805
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4805
API Well Number: 177094044100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 13-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4535 / 4535	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 107	Date of Summary: 15-JAN-1982	First Sample Examined: 0
Lease Number: G03810	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5422
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4808
API Well Number: 177094044200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 13-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 3801	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5050 / 4511	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 108	Date of Summary: 10-DEC-1984	First Sample Examined: 9850
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 15979
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15979
API Well Number: 177094066600	Drilling Operator: HOMESTAKE SULPHUR COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9850 - 15979	Water Depth: 27
Public Info Code: Y 21-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9850 / 9850	DEF AT first sample examined	DEF AT 3
9851 / 9851	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11170 /11169	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11500 /11499	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12370 /12369	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14920 /14918	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15979 /15977	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-1994

End Date: 31-DEC-1999

Area Block: EI 108	Date of Summary: 12-JUN-1986	First Sample Examined: 11990
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 18508
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18493
API Well Number: 177094072200	Drilling Operator: HOMESTAKE SULPHUR COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 11990 - 15860	Water Depth: 26
Public Info Code: Y 03-JUL-1996	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11990 /11982	DEF AT first sample examined	DEF AT 4
11991 /11983	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12320 /12312	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15560 /15551	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15860 /15850	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 108	<b>Date of Summary:</b> 12-JUN-1986	<b>First Sample Examined:</b> 15860
<b>Lease Number:</b> G03811	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18508
<b>Well Name:</b> 008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18493
<b>API Well Number:</b> 177094072200	<b>Drilling Operator:</b> HOMESTAKE SULPHUR COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 15860 - 16640	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 03-JUL-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15860 /15850	DEF AT first sample examined	DEF AT 4
16640 /16628	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 108	<b>Date of Summary:</b> 12-JUN-1986	<b>First Sample Examined:</b> 16640
<b>Lease Number:</b> G03811	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18508
<b>Well Name:</b> 008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18493
<b>API Well Number:</b> 177094072200	<b>Drilling Operator:</b> HOMESTAKE SULPHUR COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 16640 - 18500	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 03-JUL-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 004

**Remark:** Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16640 /16628	DEF AT first sample examined	DEF AT 4
18320 /18306	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
18500 /18485	DEF AT last sample examined	DEF AT 4



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End Date: 31-DEC-1999

<b>Area Block:</b> EI 110	<b>Date of Summary:</b> 31-AUG-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10722	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16337
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16000
<b>API Well Number:</b> 177094099801	<b>Drilling Operator:</b> LOUISIANA LAND AND EXPLORATION COMPANY	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 28-MAY-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12066 /11877	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
15303 /14976	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
15908 /15575	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 110	Date of Summary: 03-JUN-1994	First Sample Examined: 0
Lease Number: G10723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13759
API Well Number: 177094099800	Drilling Operator: LOUISIANA LAND OFFSHORE EXPLOR	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 28-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8808 / 8804	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10609 /10592	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
11069 /11028	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12051 /11864	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 128	Date of Summary: 01-APR-1985	First Sample Examined: 0
Lease Number: 00053	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13780
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13647
API Well Number: 177094062900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 02-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4365 / 4364	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7244 / 7238	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10561 /10453	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12800 /12673	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 128A	Date of Summary: 03-AUG-1984	First Sample Examined: 11010
Lease Number: 00442	Source of Paleo: OPERATOR	Borehole MD: 13980
Well Name: JC017	Paleo Done By: OPERATOR	Borehole TVD: 13943
API Well Number: 177094065800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 11010 - 12540	Water Depth: 57
Public Info Code: Y 11-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11010 /10999	DEF AT first sample examined	DEF AT
11310 /11298	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12540 /12522	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 134	Date of Summary: 14-OCT-1994	First Sample Examined: 0
Lease Number: G14466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7771
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7603
API Well Number: 177094102900	Drilling Operator: AQUILA ENERGY RESOURCES CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 25-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2240 / 2240	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5215 / 5066	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 147	Date of Summary: 21-JUN-1991	First Sample Examined: 0
Lease Number: G10727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 177094089200	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14300 /14299	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15800 /15798	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 147	Date of Summary: 13-DEC-1993	First Sample Examined: 0
Lease Number: G10727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16030
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14844
API Well Number: 177094096800	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10780 /10778	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13540 /13376	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14310 /13836	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15090 /14278	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 148	Date of Summary: 14-APR-1998	First Sample Examined: 0
Lease Number: G13620	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18183
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15988
API Well Number: 177094117202	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 24-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14175 /13978	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
15450 /14711	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 148	Date of Summary: 05-MAR-2001	First Sample Examined: 0
Lease Number: G13620	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15977
API Well Number: 177094117203	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 24-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10710 /10707	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14100 /13924	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
15450 /14711	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
17130 /15503	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 158	Date of Summary: 04-AUG-1969	First Sample Examined: 9410
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11240
Well Name: JB019	Paleo Done By: OPERATOR	Borehole TVD: 10835
API Well Number: 177092002101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 9410 - 11580	Water Depth: 81
Public Info Code: Y 09-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9410 / 9096	DEF AT first sample examined	DEF AT
9560 / 9238	DEF AT 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-1994

End Date: 31-DEC-1999

Area Block: EI 158	Date of Summary: 16-FEB-1984	First Sample Examined: 11240
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11240
Well Name: JB019	Paleo Done By: OPERATOR	Borehole TVD: 10835
API Well Number: 177092002101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 11240 - 11270	Water Depth: 81
Public Info Code: Y 09-FEB-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Only one sample examined, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11240 /10835	DEF AT first sample examined	DEF AT
11270 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 163	<b>Date of Summary:</b> 14-APR-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10730	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12235
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12233
<b>API Well Number:</b> 177094086800	<b>Drilling Operator:</b> FLASH GAS & OIL SOUTHWEST	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 25-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11555 /11553	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 164	Date of Summary: 07-APR-1987	First Sample Examined: 0
Lease Number: G04864	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16089
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14252
API Well Number: 177094073901	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 14-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9330 / 9320	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10800 /10590	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
15180 /13649	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
15660 /13962	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 172	Date of Summary: 24-FEB-1986	First Sample Examined: 0
Lease Number: G05494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12980
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12676
API Well Number: 177094072301	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 10-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6062 / 6060	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7633 / 7624	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9169 / 9084	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11009 /10809	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-1994

End Date: 31-DEC-1999

Area Block: EI 172	Date of Summary: 20-NOV-1984	First Sample Examined: 0
Lease Number: G05494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16785
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15952
API Well Number: 177094065500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 20-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
8920 / 8918	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10080 /10078	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
13560 /13287	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14200 /13819	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 172	Date of Summary: 20-DEC-1985	First Sample Examined: 0
Lease Number: G05494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14900
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 14345
API Well Number: 177094070300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 18-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6950 / 6948	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8300 / 8297	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10200 /10132	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
13250 /12961	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13800 /13426	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
14800 /14260	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 176	Date of Summary: 31-JUL-1970	First Sample Examined: 9635
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 13835
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 13309
API Well Number: 177092011901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 9635 - 11525	Water Depth: 84
Public Info Code: Y 10-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9635 / 9531	DEF AT first sample examined	DEF AT
10490 /10281	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11525 /11196	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 177	Date of Summary: 15-JAN-1992	First Sample Examined: 0
Lease Number: G11954	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 177094090300	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 30-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12900 /12899	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 179	Date of Summary: 08-MAY-1991	First Sample Examined: 12520
Lease Number: G08433	Source of Paleo: OPERATOR	Borehole MD: 14550
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14540
API Well Number: 177094088700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 12520 - 14550	Water Depth: 97
Public Info Code: Y 14-MAY-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12520 /12515	DEF AT first sample examined	DEF IN 3
13870 /13862	DEF AT Upper Miocene (Messinian) Textularia "X"	POS AT 4
14550 /14540	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 184  
Lease Number: G05498  
Well Name: 001  
API Well Number: 177094077900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 24-NOV-1998

Date of Summary: 18-APR-1989  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: DELMAR OPERATING INC PM  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 15905  
Borehole TVD: 15578  
Rkb Elevation: 82  
Water Depth: 80  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12540 /12523	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
15905 /15578	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 184	Date of Summary: 21-SEP-1989	First Sample Examined: 4520
Lease Number: G05498	Source of Paleo: OPERATOR	Borehole MD: 16200
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16200
API Well Number: 177094082000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 98
Paleo Report Num: 1 of 3	Sample Range: 4520 - 15260	Water Depth: 88
Public Info Code: Y 27-NOV-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Original hole report, foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4520 / 4520	DEF AT first sample examined	DEF IN 2
5120 / 5120	DEF AT foram flood	DEF AT 3
5210 / 5210	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5420 / 5420	DEF AT local marker foram decrease	DEF AT 2
5720 / 5720	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6379 / 6379	DEF AT local marker benthic foram increase	DEF AT 2
6380 / 6380	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6410 / 6410	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
10340 /10338	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10940 /10938	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 2
11180 /11178	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11660 /11658	DEF AT local marker benthic foram increase	DEF AT 3
11930 /11928	DEF AT local marker benthic foram increase	DEF AT 3
12439 /12436	DEF AT local marker benthic foram increase	DEF AT 3
12440 /12437	DEF AT local marker planktic foram increase	DEF AT 3
12620 /12617	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13880 /13876	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
14360 /14356	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14450 /14446	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
14930 /14925	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15110 /15105	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
15136 /15131	DEF AT Bathysiphon fauna	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 184	<b>Date of Summary:</b> 21-SEP-1989	<b>First Sample Examined:</b> 4520
<b>Lease Number:</b> G05498	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16200
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16200
<b>API Well Number:</b> 177094082000	<b>Drilling Operator:</b> DELMAR OPERATING INC PM	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 4520 - 15260	<b>Water Depth:</b> 88
<b>Public Info Code:</b> Y 27-NOV-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15137 /15132	DEF AT local marker planktic foram increase	DEF AT 5
15138 /15133	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
15139 /15134	DEF AT Eggerella 3 (local marker)	DEF AT 5
15140 /15135	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
15260 /15255	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 184	Date of Summary: 21-SEP-1989	First Sample Examined: 4520
Lease Number: G05498	Source of Paleo: OPERATOR	Borehole MD: 16200
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16200
API Well Number: 177094082000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 4520 - 15260	Water Depth: 88
Public Info Code: Y 27-NOV-1999	Ecozone Eq MMS:	Paleo ID: 004

**Remark:** Calcareous nannofossil report for original hole, nannospecies abundance and diversity charts available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4520 / 4520	DEF AT first sample examined	DEF AT
4880 / 4880	DEF IN Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
5150 / 5150	DEF AT local marker floral increase	DEF AT
5330 / 5330	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5420 / 5420	DEF AT local marker floral decrease	DEF AT
5510 / 5510	DEF AT local marker floral increase	DEF AT
5600 / 5600	DEF AT local marker floral decrease	DEF AT
6410 / 6410	DEF AT local marker floral increase	DEF AT
6500 / 6500	DEF AT local marker floral decrease	DEF AT
6590 / 6590	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
8000 / 7999	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10610 /10608	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12440 /12437	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
15020 /15015	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15260 /15255	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 184	Date of Summary: 26-OCT-1989	First Sample Examined: 13590
Lease Number: G05498	Source of Paleo: OPERATOR	Borehole MD: 16200
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16200
API Well Number: 177094082000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 13590 - 16200	Water Depth: 88
Public Info Code: Y 27-NOV-1999	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
13590 /13586	DEF AT first sample examined	DEF AT 3
13591 /13587	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13799 /13795	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13800 /13796	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
13890 /13886	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 3
14400 /14396	DEF AT local marker deep water fauna	DEF AT 4
14930 /14925	DEF AT foram flood	DEF AT 4
14960 /14955	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14990 /14985	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 4
15200 /15195	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
15230 /15225	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
15350 /15344	DEF AT Eggerella 3 (local marker)	DEF AT 5
15680 /15674	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
15710 /15704	DEF AT foram flood	DEF AT 5
15740 /15734	DEF AT Eggerella 3 (local marker)	DEF AT 5
15890 /15884	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
16200 /16194	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 189	Date of Summary: 05-APR-1984	First Sample Examined: 9480
Lease Number: 00423	Source of Paleo: OPERATOR	Borehole MD: 10116
Well Name: B016	Paleo Done By: OPERATOR	Borehole TVD: 9389
API Well Number: 177090075103	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 9480 - 10110	Water Depth: 70
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 8816	DEF AT first sample examined	DEF AT
9900 / 9193	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10110 / 9383	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 189	Date of Summary: 28-SEP-1983	First Sample Examined: 10200
Lease Number: 00423	Source of Paleo: OPERATOR	Borehole MD: 13660
Well Name: B027	Paleo Done By: OPERATOR	Borehole TVD: 13453
API Well Number: 177094059001	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 10200 - 13425	Water Depth: 70
Public Info Code: Y 03-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /10088	DEF AT first sample examined	DEF AT
10201 /10089	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13425 /13227	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 199	<b>Date of Summary:</b> 05-JUL-1989	<b>First Sample Examined:</b> 12200
<b>Lease Number:</b> G05499	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13252
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12698
<b>API Well Number:</b> 177094080500	<b>Drilling Operator:</b> DELMAR OPERATING INC PM	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 12200 - 13252	<b>Water Depth:</b> 105
<b>Public Info Code:</b> Y 29-JUL-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 /11658	DEF AT first sample examined	DEF IN 4
12260 /11717	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 4
13252 /12698	DEF AT last sample examined	DEF IN 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208	Date of Summary: 10-MAY-1984	First Sample Examined: 4450
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16016
API Well Number: 177094063700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 4450 - 16480	Water Depth: 91
Public Info Code: Y 04-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 / 4445	DEF AT first sample examined	DEF IN 1
5050 / 5044	DEF AT -----	DEF AT 2
5350 / 5337	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5470 / 5452	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7210 / 7128	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9160 / 9016	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9490 / 9333	DEF AT -----	DEF AT 3
10120 / 9934	DEF AT -----	DEF AT 4
11890 /11617	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11980 /11702	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12670 /12352	POS AT -----	POS AT 5
15160 /14728	POS AT Upper Miocene (Tortonian) Discorbis 12	POS AT 5
16480 /15997	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208	Date of Summary: 01-JUN-1984	First Sample Examined: 4450
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16016
API Well Number: 177094063700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 4450 - 16480	Water Depth: 91
Public Info Code: Y 04-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 / 4445	DEF AT first sample examined	DEF AT 1
5440 / 5423	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6100 / 6057	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
8800 / 8667	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10120 / 9934	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
10690 /10475	DEF AT - - - - -	DEF AT 1
11289 /11047	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
11290 /11048	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
11410 /11162	DEF AT cement	POS AT 2
11650 /11390	DEF AT - - - - -	DEF AT 2
12189 /11899	DEF AT Cyclammina sp. (local marker)	DEF AT 3
12190 /11899	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12370 /12069	DEF AT - - - - -	DEF AT 2
12640 /12324	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
14020 /13643	DEF AT - - - - -	DEF AT 2
14800 /14385	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
15370 /14928	DEF AT - - - - -	DEF AT 3
15550 /15100	POS IN Upper Miocene (Tortonian) Reophax davepopei	DEF AT 3
16210 /15735	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
16480 /15997	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208	Date of Summary: 18-JUL-1984	First Sample Examined: 9520
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 13967
Well Name: 012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13819
API Well Number: 177094063701	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 9520 - 13840	Water Depth: 91
Public Info Code: Y 02-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9520 / 9393	DEF AT first sample examined	DEF AT 1
9940 / 9812	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
10120 / 9992	DEF AT -----	DEF AT 1
10870 /10741	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
11050 /10921	DEF AT -----	DEF AT 1
11350 /11220	DEF AT -----	DEF AT 2
12670 /12534	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
13059 /12920	DEF AT local marker deep water fauna	DEF AT 4
13090 /12951	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
13840 /13694	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208	Date of Summary: 18-JUL-1984	First Sample Examined: 9790
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 13967
Well Name: 012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13819
API Well Number: 177094063701	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 9790 - 13930	Water Depth: 91
Public Info Code: Y 02-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9790 / 9662	DEF AT first sample examined	DEF IN 3
9940 / 9812	DEF AT - - - - -	DEF AT 4
10360 /10232	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11140 /11010	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11590 /11459	POS AT - - - - -	DEF AT 5
13930 /13783	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208	Date of Summary: 17-JUL-1984	First Sample Examined: 7020
Lease Number: 00576	Source of Paleo: OPERATOR	Borehole MD: 9052
Well Name: F006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8173
API Well Number: 177094065100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 7020 - 9030	Water Depth: 94
Public Info Code: Y 14-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 / 6424	DEF AT first sample examined	DEF AT 1
7890 / 7201	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
8460 / 7671	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8970 / 8113	DEF AT -----	DEF AT 2
9030 / 8167	DEF AT last sample examined	DEF AT 2



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208	Date of Summary: 04-JUN-1985	First Sample Examined: 0
Lease Number: 00576	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9808
Well Name: I006	Paleo Done By: OPERATOR	Borehole TVD: 9553
API Well Number: 177094062300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 91
Public Info Code: Y 23-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5380 / 5334	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5470 / 5419	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7810 / 7643	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9670 / 9421	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 208	<b>Date of Summary:</b> 25-MAY-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00577	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10486
<b>Well Name:</b> H004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10345
<b>API Well Number:</b> 177094062700	<b>Drilling Operator:</b> PIONEER NATURAL RESOURCES GPC INC	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 98
<b>Public Info Code:</b> Y 01-MAR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8934	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9860 / 9752	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 208  
Lease Number: 00577  
Well Name: J004  
API Well Number: 177094081300  
Paleo Report Num: 1 of 1  
Public Info Code: Y 17-JUL-1999

Date of Summary: 24-JUN-1991  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: CONOCO INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 8548  
Borehole TVD: 6774  
Rkb Elevation: 87  
Water Depth: 102  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 / 6441	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 212	Date of Summary: 17-OCT-2000	First Sample Examined: 0
Lease Number: G05502	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13400
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13250
API Well Number: 177094071500	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 23-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
9918 / 9768	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
11638 / 11488	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 212	Date of Summary: 19-OCT-2000	First Sample Examined: 0
Lease Number: G05503	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15280
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15279
API Well Number: 177094063200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11287 /11287	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 212	Date of Summary: 19-OCT-1999	First Sample Examined: 0
Lease Number: G05550	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13540
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13285
API Well Number: 177094078900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 28-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 / 9777	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
11766 / 11515	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 217	Date of Summary: 08-SEP-1993	First Sample Examined: 9500
Lease Number: G13623	Source of Paleo: OPERATOR	Borehole MD: 16543
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15286
API Well Number: 177094095601	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 9500 - 16460	Water Depth: 117
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9267	DEF AT first sample examined	DEF AT 2
9501 / 9268	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
11120 /10728	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
12170 /11616	DEF AT local marker benthic foram increase	DEF AT 3
12890 /12207	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
14000 /13136	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
14060 /13186	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
14450 /13515	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14600 /13642	DEF AT local marker benthic foram increase	DEF AT 3
14660 /13693	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14810 /13820	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14960 /13947	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
15680 /14558	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15740 /14608	DEF AT Eggerella sp. (local marker)	DEF AT 4
16100 /14911	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
16190 /14987	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
16340 /15114	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
16460 /15216	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 217	Date of Summary: 08-SEP-1993	First Sample Examined: 9500
Lease Number: G13623	Source of Paleo: OPERATOR	Borehole MD: 16543
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15286
API Well Number: 177094095601	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 9500 - 16460	Water Depth: 117
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9267	DEF AT first sample examined	DEF AT
9501 / 9268	POS IN Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
16460 /15216	DEF AT last sample examined	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 218	Date of Summary: 25-APR-1985	First Sample Examined: 0
Lease Number: 00807	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9440
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 8843
API Well Number: 177094056100	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 15-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4960 / 4826	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5500 / 5342	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6280 / 6080	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 224	Date of Summary: 29-NOV-1989	First Sample Examined: 5480
Lease Number: G05504	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177094074000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5480 - 13000	Water Depth: 140
Public Info Code: Y 06-FEB-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5480 / 5480	DEF AT first sample examined	DEF IN 1
6380 / 6379	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 1
6950 / 6949	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 1
10150 /10149	DEF AT -----	DEF IN 2
10420 /10419	DEF AT -----	DEF IN 1
11470 /11469	DEF AT -----	DEF AT 3
11590 /11589	DEF AT -----	DEF IN 1
11860 /11859	DEF AT -----	DEF IN 3
12410 /12409	DEF AT -----	DEF AT 4
13000 /12999	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 224	Date of Summary: 24-JUN-1996	First Sample Examined: 0
Lease Number: G05504	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13185
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12542
API Well Number: 177094082500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 08-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9760 / 9150	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11680 / 11057	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-1994

End Date: 31-DEC-1999

Area Block: EI 229	Date of Summary: 14-FEB-1990	First Sample Examined: 9860
Lease Number: G05505	Source of Paleo: OPERATOR	Borehole MD: 15093
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14587
API Well Number: 177094082100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 9860 - 15090	Water Depth: 121
Public Info Code: Y 01-OCT-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9860 / 9737	DEF AT first sample examined	DEF AT 2
11480 /11221	DEF AT -----	DEF AT 3
11900 /11604	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
14480 /14009	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
14900 /14405	DEF AT -----	DEF AT 3
15000 /14499	DEF AT -----	DEF AT 4
15090 /14584	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 229	Date of Summary: 18-DEC-1990	First Sample Examined: 0
Lease Number: G05505	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13674
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13667
API Well Number: 177094078600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 07-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6110 / 6110	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6470 / 6470	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7820 / 7820	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9500 / 9500	DEF AT local marker foram increase	DEF AT
10430 /10429	DEF AT local marker foram increase	DEF AT
11390 /11389	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12120 /12118	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
12260 /12258	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
12680 /12678	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 248	<b>Date of Summary:</b> 14-SEP-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02898	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10480
<b>Well Name:</b> C003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9017
<b>API Well Number:</b> 177094074800	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 125
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 155
<b>Public Info Code:</b> Y 23-SEP-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5174	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7808 / 6827	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 248  
Lease Number: G05506  
Well Name: 005  
API Well Number: 177094066000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 24-SEP-1995

Date of Summary: 01-OCT-1984  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: SAMEDAN OIL CORPORATION  
Sample Range: 5790 - 14310  
Ecozone Eq MMS: Y

First Sample Examined: 5790  
Borehole MD: 14324  
Borehole TVD: 13542  
Rkb Elevation: 97  
Water Depth: 155  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 / 5790	DEF AT first sample examined	DEF AT 2
5791 / 5791	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7320 / 7320	DEF AT - - - - -	DEF AT 3
7560 / 7560	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8520 / 8519	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
9480 / 9479	DEF AT - - - - -	DEF AT 4
12810 /12311	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12900 /12384	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14250 /13483	DEF AT - - - - -	DEF AT 5
14310 /13531	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 248	Date of Summary: 29-NOV-1983	First Sample Examined: 4500
Lease Number: G05506	Source of Paleo: OPERATOR	Borehole MD: 10146
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10145
API Well Number: 177094060900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10146	Water Depth: 155
Public Info Code: Y 24-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF IN 2
4980 / 4980	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
5310 / 5310	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
6630 / 6630	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
6720 / 6720	DEF AT - - - - -	DEF AT 3
10146 / 10145	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 248	Date of Summary: 15-DEC-1983	First Sample Examined: 4290
Lease Number: G05506	Source of Paleo: OPERATOR	Borehole MD: 10501
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10013
API Well Number: 177094061500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4290 - 10500	Water Depth: 155
Public Info Code: Y 24-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4290 / 4088	DEF AT first sample examined	DEF IN 2
5610 / 5317	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
7320 / 6919	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
7530 / 7121	DEF AT - - - - -	DEF AT 3
10500 / 10012	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 253	Date of Summary: 04-DEC-1989	First Sample Examined: 1030
Lease Number: G10741	Source of Paleo: OPERATOR	Borehole MD: 9677
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9666
API Well Number: 177094083300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 1030 - 9670	Water Depth: 142
Public Info Code: Y 24-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF IN 2
1180 / 1180	DEF AT - - - - -	DEF AT 3
3250 / 3250	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3460 / 3460	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4720 / 4720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5140 / 5139	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
5380 / 5379	DEF AT local marker benthic foram increase	DEF AT 3
5410 / 5409	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5530 / 5529	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5620 / 5619	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5770 / 5769	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7359 / 7353	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7360 / 7354	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
9670 / 9659	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 253	Date of Summary: 04-DEC-1989	First Sample Examined: 1030
Lease Number: G10741	Source of Paleo: OPERATOR	Borehole MD: 9677
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9666
API Well Number: 177094083300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 1030 - 9670	Water Depth: 142
Public Info Code: Y 24-DEC-1999	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF AT
1390 / 1390	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3280 / 3280	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
3820 / 3820	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5380 / 5379	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5650 / 5649	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6460 / 6457	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6640 / 6635	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
9670 / 9659	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 265	Date of Summary: 10-JUL-1992	First Sample Examined: 4500
Lease Number: G06720	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177094069200	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4500 - 11460	Water Depth: 174
Public Info Code: Y 08-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT
5040 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT
5339 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
5340 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6090 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6270 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
6478 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6479 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
6480 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6690 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
6720 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
7440 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7770 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
8790 /	DEF AT Cyclamina cancellata (local marker)	DEF AT
9090 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10230 /	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
10980 /	DEF AT Cyclamina cancellata (local marker)	DEF AT
11010 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
11460 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 265	Date of Summary: 07-AUG-1991	First Sample Examined: 0
Lease Number: G06720	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177094080900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 08-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5180 / 5180	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6520 / 6520	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7510 / 7510	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7511 / 7511	POS AT local marker foram increase	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 265	Date of Summary: 29-JUL-1991	First Sample Examined: 0
Lease Number: G06720	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8780
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8400
API Well Number: 177094081600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 08-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5580 / 5449	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6690 / 6463	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8220 / 7898	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 270	Date of Summary: 04-APR-1990	First Sample Examined: 4029
Lease Number: G10743	Source of Paleo: OPERATOR	Borehole MD: 10470
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9591
API Well Number: 177104130700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 4029 - 10460	Water Depth: 187
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4029 / 4029	DEF AT first sample examined	DEF AT 2
5541 / 5541	DEF AT - - - - -	DEF AT 3
5797 / 5797	POS AT Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 3
5993 / 5993	DEF AT - - - - -	DEF AT 2
7529 / 7483	DEF IN Upper Pliocene (Gelasian) <i>Globorotalia exilis</i>	DEF AT 5
7530 / 7484	DEF IN Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF AT 5
7531 / 7485	DEF IN Upper Pliocene (Gelasian) <i>Lenticulina 1</i>	DEF AT 5
8133 / 8023	DEF AT - - - - -	DEF AT 4
8405 / 8254	POS AT Upper Pliocene (Piacenzian) <i>Globorotalia multicamerata</i>	DEF AT 4
8406 / 8255	POS AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF AT 4
8977 / 8708	DEF AT sample gap top	POS AT 4
8990 / 8717	DEF AT sample gap bottom	DEF AT 5
9139 / 8828	DEF AT <i>Eggerella 3</i> (local marker)	DEF AT 5
9140 / 8829	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
9440 / 9056	POS AT Lower Pliocene (Zanclian) <i>Globorotalia margaritae</i>	DEF AT 5
9529 / 9124	DEF AT Lower Pliocene (Zanclian) <i>Globorotalia margaritae</i>	DEF AT 5
9530 / 9125	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 5
10460 / 9833	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 275	Date of Summary: 26-OCT-1984	First Sample Examined: 0
Lease Number: G00988	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12250
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11914
API Well Number: 177104107100	Drilling Operator: TEXACO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 22-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 8730	DEF AT Cyclammina sp. (local marker)	DEF AT
9670 / 9452	DEF AT Arenaceous fauna (local marker)	DEF AT
10380 /10131	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
10755 /10491	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12170 /11830	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 277	Date of Summary: 21-SEP-1990	First Sample Examined: 0
Lease Number: G10744	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10220
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10220
API Well Number: 177104129400	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 27-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7268 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7750 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 278	Date of Summary: 14-JUN-1982	First Sample Examined: 1200
Lease Number: G03996	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: F001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12000
API Well Number: 177104090200	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 1200 - 11980	Water Depth: 172
Public Info Code: Y 03-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF AT 2
1380 / 1380	DEF AT local marker planktic foram increase	DEF IN 2
1470 / 1470	DEF AT local marker foram decrease	DEF AT 2
1740 / 1740	DEF AT local marker planktic foram increase	DEF IN 2
1830 / 1830	DEF AT local marker benthic foram increase	DEF IN 2
1920 / 1920	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2460 / 2460	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2640 / 2640	DEF AT local marker foram decrease	DEF AT 2
3180 / 3180	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3360 / 3360	DEF AT local marker foram decrease	DEF AT 2
3630 / 3630	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4260 / 4260	DEF AT sample gap top	POS AT 2
5370 / 5370	DEF AT sample gap bottom	DEF AT 2
5850 / 5850	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5910 / 5910	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5970 / 5970	DEF AT local marker planktic foram increase	DEF AT 3
6390 / 6390	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
6420 / 6420	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6480 / 6480	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6510 / 6510	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6540 / 6540	DEF AT local marker planktic foram increase	DEF AT 3
6600 / 6600	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 278	Date of Summary: 14-JUN-1982	First Sample Examined: 1200
Lease Number: G03996	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: F001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12000
API Well Number: 177104090200	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 1200 - 11980	Water Depth: 172
Public Info Code: Y 03-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7110 / 7110	POS AT local marker benthic foram increase	DEF AT 3
7140 / 7140	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7230 / 7230	DEF AT local marker planktic foram increase	DEF AT 3
7350 / 7350	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
7680 / 7680	POS AT local marker benthic foram increase	DEF AT 3
7770 / 7770	DEF AT local marker foram decrease	DEF AT 3
7920 / 7920	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
7980 / 7980	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
8040 / 8040	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
8490 / 8490	DEF AT local marker foram decrease	DEF AT 3
9090 / 9090	DEF AT local marker planktic foram increase	DEF AT 4
9420 / 9420	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9630 / 9630	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10230 / 10229	DEF AT local marker foram increase	DEF AT 4
10590 / 10589	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10650 / 10649	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10890 / 10889	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10950 / 10949	DEF AT local marker foram decrease	DEF AT 4
11230 / 11229	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
11440 / 11439	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
11950 / 11949	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
11980 / 11979	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 286	Date of Summary: 10-JUL-1987	First Sample Examined: 0
Lease Number: G00993	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10691
Well Name: I001	Paleo Done By: OPERATOR	Borehole TVD: 8493
API Well Number: 177104110300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 203
Public Info Code: Y 10-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3445	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7840 / 6524	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9100 / 7377	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10270 / 8191	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 289	Date of Summary: 01-MAR-1993	First Sample Examined: 960
Lease Number: G12924	Source of Paleo: OPERATOR	Borehole MD: 9483
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 9083
API Well Number: 177104135700	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 960 - 9480	Water Depth: 193
Public Info Code: Y 31-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
960 / 960	DEF AT first sample examined	POS AT 2
1260 / 1260	DEF AT condensed section	DEF AT 2
4560 / 4560	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
5970 / 5970	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7020 / 6997	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentis (acme "B")	DEF AT 3
7860 / 7735	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8250 / 8061	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
9030 / 8707	DEF AT Arenaceous fauna (local marker)	DEF IN 3
9430 / 9039	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 298	Date of Summary: 18-AUG-1986	First Sample Examined: 5000
Lease Number: G05199	Source of Paleo: OPERATOR	Borehole MD: 14003
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14003
API Well Number: 177104108900	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13970	Water Depth: 211
Public Info Code: Y 29-JUL-1994	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) Trimosina "A" (acme)	DEF AT 2
5150 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5240 /	DEF AT -----	DEF AT 2
5720 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5770 /	DEF AT -----	DEF AT 3
5960 /	DEF AT -----	DEF AT 2
7110 /	DEF AT local marker foram increase	DEF AT 3
7200 /	DEF AT -----	DEF AT 2
7920 /	DEF AT -----	DEF AT 1
8580 /	DEF AT -----	DEF AT 2
8640 /	DEF AT -----	DEF AT 1
8699 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8700 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
8790 /	DEF AT -----	DEF AT 1
8850 /	DEF AT -----	DEF AT 2
8910 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9000 /	DEF AT -----	DEF AT 2
9350 /	DEF AT -----	DEF AT 3
9440 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
9800 /	DEF AT local marker foram increase	DEF AT 3
9920 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 298	Date of Summary: 18-AUG-1986	First Sample Examined: 5000
Lease Number: G05199	Source of Paleo: OPERATOR	Borehole MD: 14003
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14003
API Well Number: 177104108900	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13970	Water Depth: 211
Public Info Code: Y 29-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
10280 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10370 /	DEF AT local marker foram increase	DEF AT 3
10460 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
11059 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
11060 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
12050 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
12210 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
13460 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
13849 /	DEF AT Eggerella 3 (local marker)	DEF AT 3
13850 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
13970 /	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-1994

End Date: 31-DEC-1999

Area Block: EI 298	Date of Summary: 27-SEP-1990	First Sample Examined: 8000
Lease Number: G05199	Source of Paleo: OPERATOR	Borehole MD: 10823
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10156
API Well Number: 177104132400	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 138
Paleo Report Num: 1 of 1	Sample Range: 8000 - 10800	Water Depth: 212
Public Info Code: Y 29-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7588	DEF AT first sample examined	DEF AT 3
8001 / 7589	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9230 / 8676	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9469 / 8895	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9470 / 8896	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
10800 / 10135	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 300	Date of Summary: 06-MAY-1983	First Sample Examined: 0
Lease Number: G03571	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7413
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5560
API Well Number: 177104096900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 03-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2633	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6050 / 4676	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-1994

End Date: 31-DEC-1999

Area Block: EI 304	Date of Summary: 28-SEP-1990	First Sample Examined: 4100
Lease Number: G10747	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12494
API Well Number: 177104130400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4100 - 12500	Water Depth: 220
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 4100	DEF AT first sample examined	POS AT 3
4101 / 4101	DEF IN cement	POS AT 3
4430 / 4430	DEF AT faunal change (no faunal increase)	DEF AT 3
6620 / 6620	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9050 / 9049	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
10790 /10787	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11150 /11147	DEF AT faunal change (no faunal increase)	DEF AT 4
12500 /12494	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 304	<b>Date of Summary:</b> 28-SEP-1990	<b>First Sample Examined:</b> 4100
<b>Lease Number:</b> G10747	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12494
<b>API Well Number:</b> 177104130400	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4100 - 12500	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 30-JUN-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 4100	DEF AT first sample examined	DEF AT
5840 / 5840	POS AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
6650 / 6650	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9350 / 9349	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
10880 /10877	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11150 /11147	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12500 /12494	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 304	Date of Summary: 07-MAY-1999	First Sample Examined: 0
Lease Number: G17992	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12554
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12539
API Well Number: 177104150000	Drilling Operator: CAIRN ENERGY USA INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 222
Public Info Code: Y 15-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10120 /10119	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12070 /12056	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 308	Date of Summary: 10-APR-1984	First Sample Examined: 2100
Lease Number: G00996	Source of Paleo: OPERATOR	Borehole MD: 10180
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8076
API Well Number: 177104107200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2100 - 10180	Water Depth: 224
Public Info Code: Y 19-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2100 / 2099	DEF AT first sample examined	DEF AT 3
2190 / 2189	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2880 / 2864	DEF AT -----	DEF AT 2
3420 / 3324	DEF AT -----	DEF AT 3
3635 / 3480	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4080 / 3789	DEF AT -----	DEF AT 2
5064 / 4459	DEF AT -----	DEF AT 3
5094 / 4479	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5155 / 4519	DEF AT -----	DEF AT 2
7340 / 5978	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7860 / 6343	DEF AT -----	DEF AT 2
8820 / 7039	DEF AT -----	DEF AT 4
9000 / 7172	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9460 / 7521	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10180 / 8076	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 308	Date of Summary: 03-JAN-1984	First Sample Examined: 2200
Lease Number: G00996	Source of Paleo: OPERATOR	Borehole MD: 7600
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7600
API Well Number: 177104105200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2200 - 7600	Water Depth: 224
Public Info Code: Y 12-JAN-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	DEF AT first sample examined	DEF AT 3
2260 / 2260	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2740 / 2740	DEF AT -----	DEF AT 2
3440 / 3440	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3530 / 3530	DEF AT -----	DEF AT 2
3830 / 3830	DEF AT sample gap top	POS AT 2
4310 / 4310	DEF AT sample gap bottom	DEF AT 2
4370 / 4370	DEF AT -----	DEF AT 3
4430 / 4430	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4990 / 4990	DEF AT -----	DEF AT 2
5980 / 5980	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6340 / 6340	DEF AT -----	DEF AT 2
7030 / 7030	DEF AT -----	DEF AT 4
7059 / 7059	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7060 / 7060	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7270 / 7270	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
7468 / 7468	DEF AT -----	DEF AT 3
7600 / 7600	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 308	Date of Summary: 23-FEB-1984	First Sample Examined: 2985
Lease Number: G00996	Source of Paleo: OPERATOR	Borehole MD: 9120
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8000
API Well Number: 177104106100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2985 - 9080	Water Depth: 223
Public Info Code: Y 19-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2985 / 2800	DEF AT first sample examined	DEF AT 2
2986 / 2801	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3645 / 3330	DEF AT -----	DEF AT 3
3769 / 3432	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4300 / 3869	DEF AT -----	DEF AT 2
4960 / 4409	DEF AT -----	DEF AT 3
4990 / 4434	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5470 / 4830	DEF AT -----	DEF AT 2
6304 / 5529	DEF AT -----	DEF AT 3
6800 / 5950	DEF AT -----	DEF AT 2
7650 / 6691	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8033 / 7029	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8410 / 7365	DEF AT -----	DEF AT 3
9080 / 7965	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 308	Date of Summary: 02-MAR-1984	First Sample Examined: 2800
Lease Number: G01982	Source of Paleo: OPERATOR	Borehole MD: 9593
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8229
API Well Number: 177104105900	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2800 - 9590	Water Depth: 223
Public Info Code: Y 05-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2671	DEF AT first sample examined	DEF AT 1
2801 / 2671	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3870 / 3487	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
5130 / 4460	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
6930 / 5933	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7919 / 6776	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
7920 / 6777	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
8279 / 7086	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
8280 / 7087	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8730 / 7477	DEF AT - - - - -	DEF AT 1
9590 / 8227	DEF AT last sample examined	DEF AT 1



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 308	Date of Summary: 15-MAR-1984	First Sample Examined: 3047
Lease Number: G01982	Source of Paleo: OPERATOR	Borehole MD: 10927
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8141
API Well Number: 177104106700	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3047 - 10920	Water Depth: 224
Public Info Code: Y 04-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3047 / 2620	DEF AT first sample examined	DEF AT 1
4210 / 3398	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
6190 / 4720	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
8080 / 5994	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
9169 / 6776	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
9170 / 6776	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
9350 / 6913	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
9800 / 7259	DEF AT -----	DEF AT 1
10920 / 8135	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 315	Date of Summary: 02-AUG-1984	First Sample Examined: 0
Lease Number: G02912	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12670
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 9285
API Well Number: 177104108000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 17-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2395 / 2336	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4478 / 3587	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6616 / 4900	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6743 / 4980	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8228 / 5947	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8974 / 6431	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10326 / 7380	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10327 / 7381	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 316  
Lease Number: G05040  
Well Name: A002  
API Well Number: 177104106400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 24-APR-1994

Date of Summary: 19-MAR-1991  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: PENNZENERGY COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9284  
Borehole TVD: 8600  
Rkb Elevation: 89  
Water Depth: 238  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3868	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6410 / 6007	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7272 / 6776	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7870 / 7315	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 316	Date of Summary: 21-MAR-1985	First Sample Examined: 0
Lease Number: G05040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9879
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177104111300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 238
Public Info Code: Y 20-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4924	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5130 / 5055	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7190 / 6776	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8030 / 7472	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 316  
Lease Number: G05040  
Well Name: A005  
API Well Number: 177104112900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 08-JUN-1995

Date of Summary: 20-JUN-1985  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: PENNZENERGY COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9390  
Borehole TVD: 6700  
Rkb Elevation: 105  
Water Depth: 238  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 5184	DEF AT -----	DEF AT 3
8120 / 5889	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8960 / 6418	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9020 / 6455	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 316	Date of Summary: 16-DEC-1985	First Sample Examined: 7030
Lease Number: G05040	Source of Paleo: OPERATOR	Borehole MD: 9078
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7700
API Well Number: 177104117300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 7030 - 9078	Water Depth: 238
Public Info Code: Y 12-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7030 / 6228	DEF AT first sample examined	POS IN 3
7400 / 6492	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS IN 3
7730 / 6730	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS IN 3
8900 / 7568	DEF AT - - - - -	DEF AT 4
9078 / 7694	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 317	Date of Summary: 18-AUG-1993	First Sample Examined: 0
Lease Number: G13625	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12093
API Well Number: 177104135500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 4010	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5540 / 5540	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7730 / 7729	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9270 / 9268	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10350 / 10347	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 323	Date of Summary: 25-SEP-1990	First Sample Examined: 1250
Lease Number: G10749	Source of Paleo: OPERATOR	Borehole MD: 8703
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6000
API Well Number: 177104132500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 1250 - 8703	Water Depth: 263
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 / 1250	DEF AT first sample examined	DEF IN 2
1820 / 1819	DEF AT sample gap top	POS IN 2
2359 / 2347	DEF AT sample gap bottom	DEF IN 3
2360 / 2348	DEF IN local marker benthic foram increase	DEF IN 3
2540 / 2514	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4250 / 3625	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
5930 / 4548	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
5990 / 4582	DEF AT faunal change (no faunal increase)	DEF AT 4
6350 / 4780	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6620 / 4924	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8060 / 5668	DEF AT local marker benthic foram increase	DEF AT 4
8180 / 5731	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8270 / 5779	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8703 / 6007	DEF AT last sample examined	DEF AT 4

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



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 323	<b>Date of Summary:</b> 25-SEP-1990	<b>First Sample Examined:</b> 1230
<b>Lease Number:</b> G10749	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8703
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6000
<b>API Well Number:</b> 177104132500	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1230 - 8703	<b>Water Depth:</b> 263
<b>Public Info Code:</b> Y 30-JUN-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 / 1230	DEF AT first sample examined	DEF AT
1800 / 1799	DEF AT sample gap top	DEF AT
2359 / 2347	DEF AT sample gap bottom	DEF AT
2360 / 2348	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5870 / 4515	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6320 / 4764	POS IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8120 / 5700	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8703 / 6007	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 325	Date of Summary: 23-JAN-1990	First Sample Examined: 0
Lease Number: G05517	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6100
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6099
API Well Number: 177104123600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 256
Public Info Code: Y 17-JAN-1998	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>
2450 / 2450	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2810 / 2810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3800 / 3800	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
3920 / 3920	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT
4580 / 4580	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
5570 / 5570	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 325	Date of Summary: 12-NOV-1990	First Sample Examined: 0
Lease Number: G05517	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5789
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 4835
API Well Number: 177104125000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 255
Public Info Code: Y 16-MAY-1998	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>
2550 / 2033	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3710 / 2854	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 325	Date of Summary: 03-OCT-1990	First Sample Examined: 0
Lease Number: G05517	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8452
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6459
API Well Number: 177104125500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 255
Public Info Code: Y 11-JUN-1998	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>
2510 / 2115	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3740 / 2912	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 330	Date of Summary: 20-FEB-1986	First Sample Examined: 7450
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8950
Well Name: D003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6145
API Well Number: 177104117800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 7450 - 8950	Water Depth: 247
Public Info Code: Y 01-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 5366	DEF AT first sample examined	DEF IN 3
7600 / 5444	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 4
7780 / 5545	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 4
7840 / 5581	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8950 / 6145	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 330	Date of Summary: 20-FEB-1986	First Sample Examined: 6500
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 7383
Well Name: D003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5986
API Well Number: 177104117801	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 6500 - 7383	Water Depth: 247
Public Info Code: Y 11-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 5155	DEF AT first sample examined	DEF IN 3
6800 / 5437	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7383 / 5985	DEF AT last sample examined	DEF IN 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 330	Date of Summary: 31-MAR-1986	First Sample Examined: 4900
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8529
Well Name: D005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8103
API Well Number: 177104118700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 4900 - 8530	Water Depth: 247
Public Info Code: Y 20-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4900 / 4722	DEF AT first sample examined	DEF IN 3
5230 / 4993	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6250 / 5864	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
6550 / 6149	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
6968 / 6559	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 3
6969 / 6560	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6970 / 6561	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
7390 / 6976	DEF AT local marker deep water fauna	DEF AT 4
7990 / 7568	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8200 / 7776	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8230 / 7806	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8530 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 330	Date of Summary: 06-MAY-1986	First Sample Examined: 6000
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8826
Well Name: D006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7200
API Well Number: 177104119100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 6000 - 8826	Water Depth: 247
Public Info Code: Y 03-JUN-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5033	DEF AT first sample examined	DEF IN 3
6060 / 5075	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
6120 / 5118	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
6420 / 5328	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
6690 / 5518	DEF AT pyrite	DEF IN 3
7110 / 5815	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7650 / 6235	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8699 / 7091	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8700 / 7091	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8826 / 7200	DEF AT last sample examined	DEF AT 4



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Start Date: 01-JAN-1994

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Area Block: EI 333	Date of Summary: 28-OCT-1988	First Sample Examined: 8010
Lease Number: G02317	Source of Paleo: OPERATOR	Borehole MD: 10650
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10353
API Well Number: 177104126600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8010 - 10490	Water Depth: 239
Public Info Code: Y 12-NOV-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7880	DEF AT first sample examined	DEF IN 3
9711 / 9491	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
9740 / 9518	DEF AT - - - - -	DEF AT 4
10310 /10044	DEF AT drilling material	DEF AT
10490 /10208	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 334	Date of Summary: 02-MAY-1985	First Sample Examined: 0
Lease Number: G05521	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9300
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9164
API Well Number: 177104112101	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8800 / 8686	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 336	Date of Summary: 07-MAY-1985	First Sample Examined: 1050
Lease Number: G05521	Source of Paleo: OPERATOR	Borehole MD: 9600
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8238
API Well Number: 177104113200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1050 - 9600	Water Depth: 265
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF IN 2
1590 / 1590	DEF AT faunal change (no faunal increase)	DEF AT 3
2780 / 2780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6270 / 5825	DEF AT faunal change (no faunal increase)	POS AT 4
9600 / 8238	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 336	Date of Summary: 20-NOV-1984	First Sample Examined: 4525
Lease Number: G05521	Source of Paleo: OPERATOR	Borehole MD: 15303
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15299
API Well Number: 177104109200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4525 - 15290	Water Depth: 260
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4525 / 4525	DEF AT first sample examined	DEF IN 4
4526 / 4526	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
5870 / 5870	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
9020 / 9019	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
10070 /10069	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
11210 /11208	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
11840 /11838	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
14810 /14806	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15290 /15286	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 336	Date of Summary: 28-DEC-1984	First Sample Examined: 10005
Lease Number: G05521	Source of Paleo: OPERATOR	Borehole MD: 15173
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13885
API Well Number: 177104109201	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10005 - 15150	Water Depth: 250
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10005 /10004	DEF AT first sample examined	DEF IN 4
10260 /10257	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
10740 /10712	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
14460 /13389	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15150 /13869	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 336	Date of Summary: 25-JAN-1985	First Sample Examined: 5430
Lease Number: G05521	Source of Paleo: OPERATOR	Borehole MD: 11478
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8873
API Well Number: 177104110700	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5430 - 11478	Water Depth: 250
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 4520	DEF AT first sample examined	DEF IN 4
6510 / 5289	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
11250 / 8708	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
11478 / 8873	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 336	Date of Summary: 08-APR-1985	First Sample Examined: 0
Lease Number: G05521	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9600
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8903
API Well Number: 177104111500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5311	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7275 / 6819	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 337	Date of Summary: 06-NOV-1984	First Sample Examined: 0
Lease Number: G03332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15487
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 13048
API Well Number: 177104104900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 03-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 4604	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
12490 /10598	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
15040 /12675	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 349  
Lease Number: G02322  
Well Name: A036  
API Well Number: 177104128400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 16-JUL-1999

Date of Summary: 29-JUN-1989  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARATHON PETROLEUM COMPANY  
Sample Range: 5600 - 13077  
Ecozone Eq MMS: Y

First Sample Examined: 5600  
Borehole MD: 13077  
Borehole TVD: 13000  
Rkb Elevation: 95  
Water Depth: 296  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5593	DEF AT first sample examined	DEF AT 3
5601 / 5594	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7579 / 7540	DEF AT local marker deep water fauna	DEF AT 4
7580 / 7541	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
7609 / 7568	DEF AT pyrite	DEF AT 4
7610 / 7569	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "A")	DEF AT 4
7700 / 7654	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12050 /11973	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
13077 /13000	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 353	Date of Summary: 31-JAN-1989	First Sample Examined: 1370
Lease Number: G03783	Source of Paleo: OPERATOR	Borehole MD: 7039
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6906
API Well Number: 177104093800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1370 - 7040	Water Depth: 286
Public Info Code: Y 21-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1370 / 1370	DEF AT first sample examined	DEF AT 3
2100 / 2066	DEF AT -----	DEF AT 2
2300 / 2245	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4190 / 4059	DEF AT -----	DEF AT 4
4310 / 4179	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5600 / 5468	DEF AT -----	DEF AT 3
6320 / 6188	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6400 / 6268	DEF AT -----	DEF AT 4
7040 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 354	Date of Summary: 09-OCT-1989	First Sample Examined: 5100
Lease Number: G10752	Source of Paleo: OPERATOR	Borehole MD: 9517
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9517
API Well Number: 177104129200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5100 - 9517	Water Depth: 285
Public Info Code: Y 25-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 5100	DEF AT first sample examined	POS IN 3
5400 / 5400	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6240 / 6240	DEF AT -----	DEF AT 4
7110 / 7110	DEF AT -----	DEF AT 4
7830 / 7830	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8820 / 8820	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9517 / 9517	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 356	Date of Summary: 21-NOV-1997	First Sample Examined: 0
Lease Number: G13627	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9410
API Well Number: 177104146700	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 01-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4560 / 4560	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8640 / 8638	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 363	Date of Summary: 03-AUG-1992	First Sample Examined: 3050
Lease Number: G08699	Source of Paleo: OPERATOR	Borehole MD: 6900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6900
API Well Number: 177104134500	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3050 - 6900	Water Depth: 367
Public Info Code: Y 28-FEB-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	DEF AT 2
3500 / 3500	DEF AT -----	DEF AT 3
3980 / 3980	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5360 / 5360	DEF AT -----	POS AT 4
5570 / 5570	DEF AT -----	DEF AT 3
6900 / 6900	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 363	<b>Date of Summary:</b> 03-AUG-1992	<b>First Sample Examined:</b> 3050
<b>Lease Number:</b> G08699	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6900
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6900
<b>API Well Number:</b> 177104134500	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3050 - 6900	<b>Water Depth:</b> 367
<b>Public Info Code:</b> Y 28-FEB-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	DEF AT
3980 / 3980	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5360 / 5360	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6900 / 6900	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 364	Date of Summary: 18-AUG-1993	First Sample Examined: 4640
Lease Number: G09600	Source of Paleo: OPERATOR	Borehole MD: 16328
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9099
API Well Number: 177104136300	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 91
Paleo Report Num: 1 of 4	Sample Range: 4640 - 14680	Water Depth: 367
Public Info Code: Y 14-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Original hole report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 3563	DEF AT first sample examined	DEF AT 3
4780 / 3622	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
11950 / 6762	DEF AT local marker deep water fauna	DEF AT 4
13330 / 7359	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
14109 / 7680	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
14110 / 7680	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
14140 / 7693	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
14470 / 7836	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
14680 / 7950	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 364	Date of Summary: 18-AUG-1993	First Sample Examined: 4640
Lease Number: G09600	Source of Paleo: OPERATOR	Borehole MD: 16328
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9099
API Well Number: 177104136300	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 91
Paleo Report Num: 2 of 4	Sample Range: 4640 - 14680	Water Depth: 367
Public Info Code: Y 14-APR-1997	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 3563	DEF AT first sample examined	DEF AT
4900 / 3672	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7780 / 4943	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
13330 / 7359	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
14109 / 7680	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
14110 / 7680	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
14680 / 7950	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EI 364	<b>Date of Summary:</b> 12-OCT-1993	<b>First Sample Examined:</b> 11590
<b>Lease Number:</b> G09600	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16328
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9099
<b>API Well Number:</b> 177104136300	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 11590 - 16330	<b>Water Depth:</b> 367
<b>Public Info Code:</b> Y 14-APR-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Bypass report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11590 / 6607	DEF AT first sample examined	DEF IN 3
11591 / 6607	DEF IN cement	DEF IN 3
11950 / 6762	DEF AT local marker deep water fauna	DEF AT 4
14170 / 7705	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
16330 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 364	Date of Summary: 12-OCT-1993	First Sample Examined: 11590
Lease Number: G09600	Source of Paleo: OPERATOR	Borehole MD: 16328
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9099
API Well Number: 177104136300	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 91
Paleo Report Num: 4 of 4	Sample Range: 11590 - 16330	Water Depth: 367
Public Info Code: Y 14-APR-1997	Ecozone Eq MMS:	Paleo ID: 004

**Remark:** Calcareous nannofossil report for bypass, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11590 / 6607	DEF AT first sample examined	DEF AT
11591 / 6607	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
13390 / 7384	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
14199 / 7716	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
14200 / 7717	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16328 / 9099	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 371  
Lease Number: G05525  
Well Name: 001  
API Well Number: 177104108800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 09-NOV-1994

Date of Summary: 17-OCT-1984  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: UNION TEXAS PETROLEUM CORP  
Sample Range: 1520 - 7692  
Ecozone Eq MMS: Y

First Sample Examined: 1520  
Borehole MD: 7692  
Borehole TVD: 7692  
Rkb Elevation: 73  
Water Depth: 408  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>		
1520 / 1520	DEF AT first sample examined	POS	AT	3
1521 / 1521	DEF IN cement	POS	AT	3
1760 / 1760	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF	AT	3
2120 / 2120	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF	AT	4
2420 / 2420	DEF AT faunal change (no faunal increase)	DEF	AT	3
4100 / 4100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF	AT	3
4730 / 4730	DEF AT pyrite	DEF	AT	3
5090 / 5090	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF	AT	4
5390 / 5390	DEF AT Bathysiphon fauna	DEF	AT	4
6020 / 6020	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF	AT	4
6290 / 6289	DEF AT drilling material	DEF	AT	4
7692 / 7690	DEF AT last sample examined	DEF	AT	4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 371	Date of Summary: 23-MAR-1988	First Sample Examined: 0
Lease Number: G05525	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12867
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10951
API Well Number: 177104123800	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 420
Public Info Code: Y 21-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2130 / 2130	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3390 / 3320	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7350 / 6299	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-1994

End Date: 31-DEC-1999

Area Block: EI 371	Date of Summary: 18-NOV-1991	First Sample Examined: 0
Lease Number: G05525	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11119
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8803
API Well Number: 177104124400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 420
Public Info Code: Y 19-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2260 / 2225	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3340 / 3043	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10270 / 8074	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10960 / 8661	DEF AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 384	Date of Summary: 20-DEC-1988	First Sample Examined: 1587
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 10024
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9122
API Well Number: 177104127500	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 1587 - 10024	Water Depth: 453
Public Info Code: Y 14-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1587 / 1587	DEF AT first sample examined	DEF IN 3
2260 / 2260	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
4510 / 4386	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5500 / 5250	DEF AT - - - - -	DEF AT 4
7900 / 7319	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8350 / 7701	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10024 / 9122	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 384	Date of Summary: 20-DEC-1988	First Sample Examined: 1587
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 10024
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9122
API Well Number: 177104127500	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1587 - 10024	Water Depth: 453
Public Info Code: Y 14-JAN-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1587 / 1587	DEF AT first sample examined	DEF AT
2350 / 2350	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4780 / 4622	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8080 / 7472	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8440 / 7778	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10024 / 9122	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 392	Date of Summary: 19-MAY-1995	First Sample Examined: 0
Lease Number: G11972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2807
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2448
API Well Number: 177104140500	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 325
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1950 / 1863	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EI 395	Date of Summary: 07-MAY-1997	First Sample Examined: 0
Lease Number: G14489	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13617
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11999
API Well Number: 177104145500	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 550
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5120 / 4619	DEF AT -----	DEF AT 3
6170 / 5422	DEF AT -----	DEF AT 4
6230 / 5468	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6620 / 5770	DEF AT -----	DEF AT 3
8420 / 7225	DEF AT -----	DEF AT 4
10280 / 8847	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12080 / 10516	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13250 / 11640	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 702	Date of Summary: 23-JAN-1991	First Sample Examined: 0
Lease Number: G12129	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3000
API Well Number: 608105002700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 575
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2450 / 2450	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 825	<b>Date of Summary:</b> 27-MAR-1988	<b>First Sample Examined:</b> 6400
<b>Lease Number:</b> G05799	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15820
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15585
<b>API Well Number:</b> 608104006200	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3000 - 15820	<b>Water Depth:</b> 495
<b>Public Info Code:</b> Y 25-MAR-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 6400	DEF AT first sample examined	DEF AT 4
8160 / 8160	DEF AT - - - - -	DEF IN 4
9210 / 9210	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
9300 / 9300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
10140 /10140	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
11350 /11349	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
15040 /14883	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 4
15820 /15589	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 826	Date of Summary: 02-AUG-1985	First Sample Examined: 1640
Lease Number: G05800	Source of Paleo: OPERATOR	Borehole MD: 11290
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11289
API Well Number: 608104003400	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1640 - 11290	Water Depth: 495
Public Info Code: Y 13-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1640 / 1640	DEF AT first sample examined	DEF AT
2300 / 2300	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
7340 / 7340	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
8870 / 8870	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
11290 / 11289	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 826	Date of Summary: 19-JUL-1985	First Sample Examined: 9830
Lease Number: G05800	Source of Paleo: OPERATOR	Borehole MD: 14677
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13769
API Well Number: 608104003401	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 9830 - 14630	Water Depth: 502
Public Info Code: Y 15-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 9380	DEF AT first sample examined	DEF AT
11750 /11427	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
12320 /11880	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
14120 /13289	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
14600 /13687	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
14630 /13711	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 826	<b>Date of Summary:</b> 30-DEC-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05800	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10260
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10260
<b>API Well Number:</b> 608104004000	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 470
<b>Public Info Code:</b> Y 16-DEC-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 / 2750	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
7390 / 7390	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
8980 / 8979	POS IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa (increase)	DEF AT
10060 /10059	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10120 /10119	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10180 /10179	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10210 /10209	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 826	Date of Summary: 30-DEC-1985	First Sample Examined: 0
Lease Number: G05800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11970
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11405
API Well Number: 608104004001	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 488
Public Info Code: Y 09-JAN-1996	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>
9070 / 9034	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
11890 /11339	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11920 /11364	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
11950 /11389	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 826	Date of Summary: 04-APR-1986	First Sample Examined: 0
Lease Number: G05800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13777
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13563
API Well Number: 608104004101	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 555
Public Info Code: Y 27-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11350 /11314	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
13210 /13052	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
13720 /13513	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 829	Date of Summary: 09-APR-1996	First Sample Examined: 4150
Lease Number: G12043	Source of Paleo: OPERATOR	Borehole MD: 15210
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14230
API Well Number: 608105005500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4150 - 15210	Water Depth: 520
Public Info Code: Y 14-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4150 / 4150	DEF AT first sample examined	DEF AT 4
4210 / 4209	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4360 / 4359	DEF AT sample gap top	POS AT 4
4450 / 4449	DEF AT sample gap bottom	DEF AT 4
5500 / 5499	DEF AT - - - - -	DEF AT 5
6310 / 6309	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7300 / 7299	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
7510 / 7509	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 5
7690 / 7689	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7750 / 7749	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9160 / 9159	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
9910 / 9908	DEF AT - - - - -	DEF AT 6
10000 / 9998	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10390 /10388	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
10930 /10922	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
12910 /12547	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
14285 /13522	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
14620 /13774	DEF AT salt	DEF AT 6
15210 /14211	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 829	Date of Summary: 09-APR-1996	First Sample Examined: 4150
Lease Number: G12043	Source of Paleo: OPERATOR	Borehole MD: 15210
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14230
API Well Number: 608105005500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4150 - 15210	Water Depth: 520
Public Info Code: Y 14-OCT-1998	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4150 / 4150	DEF AT first sample examined	DEF AT
4151 / 4151	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5500 / 5499	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6310 / 6309	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7300 / 7299	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7510 / 7509	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7570 / 7569	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7630 / 7629	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7690 / 7689	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7780 / 7779	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7900 / 7899	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8440 / 8439	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
9940 / 9938	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10060 /10058	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10420 /10418	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
10930 /10922	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11590 /11519	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
12040 /11895	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13540 /12984	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13600 /13026	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
13990 /13303	DEF AT Upper Miocene (Tortonian) Discoaster prepentariatus	DEF AT
14050 /13347	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 829	<b>Date of Summary:</b> 09-APR-1996	<b>First Sample Examined:</b> 4150
<b>Lease Number:</b> G12043	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15210
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14230
<b>API Well Number:</b> 608105005500	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4150 - 15210	<b>Water Depth:</b> 520
<b>Public Info Code:</b> Y 14-OCT-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14230 /13480	DEF AT Middle Miocene (Serravallian) <i>Cyclicargolithus floridanus</i>	DEF AT
14285 /13522	DEF AT Middle Miocene (Serravallian) <i>Sphenolithus heteromorphus</i>	DEF AT
14320 /13548	DEF AT salt	DEF AT
15210 /14211	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 829	<b>Date of Summary:</b> 09-APR-1996	<b>First Sample Examined:</b> 10540
<b>Lease Number:</b> G12043	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18735
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18200
<b>API Well Number:</b> 608105005501	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10540 - 18735	<b>Water Depth:</b> 520
<b>Public Info Code:</b> Y 14-OCT-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10540 /10538	DEF AT first sample examined	DEF AT 6
10660 /10658	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
10930 /10927	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13450 /13365	POS IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
15070 /14815	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
16960 /16527	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
17470 /17005	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
17500 /17034	POS AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 6
17680 /17204	DEF AT sample gap top	DEF AT 6
18734 /18198	DEF AT sample gap bottom	DEF AT 6
18735 /18199	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 829	Date of Summary: 09-APR-1996	First Sample Examined: 10540
Lease Number: G12043	Source of Paleo: OPERATOR	Borehole MD: 18735
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18200
API Well Number: 608105005501	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 10540 - 18735	Water Depth: 520
Public Info Code: Y 14-OCT-1998	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
10540 /10538	DEF AT first sample examined	DEF AT
10930 /10927	DEF AT Upper Miocene (Messinian) Discoaster quinqueram us	DEF AT
11590 /11586	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11950 /11946	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13450 /13365	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13480 /13392	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
13720 /13610	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
14740 /14523	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
15040 /14788	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
15610 /15296	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
15700 /15377	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
16510 /16108	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
16660 /16247	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
17290 /16836	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
17530 /17062	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
17650 /17176	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF AT
17680 /17204	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
17770 /17289	DEF AT local marker floral decrease	DEF AT
18735 /18199	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 829	<b>Date of Summary:</b> 08-OCT-1997	<b>First Sample Examined:</b> 2000
<b>Lease Number:</b> G14621	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8755
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8755
<b>API Well Number:</b> 608105007600	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2000 - 8755	<b>Water Depth:</b> 550
<b>Public Info Code:</b> Y 30-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF AT
4070 / 4070	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4310 / 4310	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5540 / 5540	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6230 / 6230	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7190 / 7190	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7400 / 7400	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7460 / 7460	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7550 / 7550	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7580 / 7580	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8060 / 8060	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8270 / 8270	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8755 / 8755	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 829	Date of Summary: 26-MAR-2001	First Sample Examined: 2000
Lease Number: G14621	Source of Paleo: OPERATOR	Borehole MD: 8755
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8755
API Well Number: 608105007600	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 2000 - 8755	Water Depth: 550
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT
2240 / 2240	DEF AT - - - - -	DEF AT 4
2510 / 2510	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4850 / 4850	DEF AT - - - - -	DEF AT 5
6230 / 6230	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7190 / 7190	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
7400 / 7400	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
7549 / 7549	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7550 / 7550	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
7580 / 7580	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8330 / 8330	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
8690 / 8690	DEF AT sample gap top	POS IN 5
8754 / 8754	DEF AT sample gap bottom	DEF IN 5
8755 / 8755	DEF AT last sample examined	DEF IN 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 829	Date of Summary: 20-OCT-1997	First Sample Examined: 4070
Lease Number: G14621	Source of Paleo: OPERATOR	Borehole MD: 18448
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18337
API Well Number: 608105007601	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 4070 - 18448	Water Depth: 550
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4070 / 4070	DEF AT first sample examined	DEF AT
4400 / 4398	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5720 / 5672	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6290 / 6214	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7340 / 7238	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7460 / 7357	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7520 / 7417	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7580 / 7477	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7670 / 7566	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7790 / 7686	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8420 / 8315	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8960 / 8855	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
9800 / 9695	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9890 / 9784	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10190 /10084	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
10640 /10533	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11030 /10923	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11810 /11703	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13400 /13293	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13730 /13622	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13850 /13741	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
14240 /14131	DEF AT local marker floral increase	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 829	<b>Date of Summary:</b> 20-OCT-1997	<b>First Sample Examined:</b> 4070
<b>Lease Number:</b> G14621	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18448
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18337
<b>API Well Number:</b> 608105007601	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4070 - 18448	<b>Water Depth:</b> 550
<b>Public Info Code:</b> Y 30-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14720 /14611	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
15830 /15720	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
16550 /16440	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
17330 /17220	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
18448 /18337	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 829	<b>Date of Summary:</b> 20-OCT-1997	<b>First Sample Examined:</b> 4070
<b>Lease Number:</b> G14621	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18448
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18337
<b>API Well Number:</b> 608105007601	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4070 - 18440	<b>Water Depth:</b> 550
<b>Public Info Code:</b> Y 30-APR-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4070 / 4070	DEF AT first sample examined	DEF AT 4
5600 / 5558	DEF AT faunal change (no faunal increase)	DEF AT 5
6290 / 6214	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
6590 / 6503	DEF AT faunal change (no faunal increase)	DEF AT 5
7310 / 7209	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7460 / 7357	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
7640 / 7536	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7700 / 7596	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8480 / 8375	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
8900 / 8795	DEF AT faunal change (no faunal increase)	DEF AT 5
9830 / 9724	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10190 /10084	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
10460 /10353	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13790 /13682	DEF AT local marker planktic foram increase	DEF AT 6
13970 /13861	DEF AT faunal change (no faunal increase)	DEF AT 5
14540 /14431	DEF AT faunal change (no faunal increase)	DEF AT 6
14810 /14701	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
14840 /14731	DEF AT faunal change (no faunal increase)	DEF AT 5
16820 /16710	DEF AT faunal change (no faunal increase)	DEF AT 4
18448 /18337	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 868	Date of Summary: 11-JAN-1991	First Sample Examined: 2980
Lease Number: G10956	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 608105002400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2980 - 9300	Water Depth: 620
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2980 / 2980	DEF AT first sample examined	DEF AT
3220 / 3220	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3640 / 3640	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5200 / 5200	DEF AT sample gap top	DEF AT
5710 / 5710	DEF AT sample gap bottom	DEF AT
7030 / 7030	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8110 / 8110	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8470 / 8470	DEF AT sample gap top	DEF AT
8560 / 8560	DEF AT sample gap bottom	DEF AT
8800 / 8800	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8830 / 8830	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8890 / 8890	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9300 / 9300	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> EW 871	<b>Date of Summary:</b> 02-OCT-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05801	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16504
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15438
<b>API Well Number:</b> 608105000800	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 67
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 771
<b>Public Info Code:</b> Y 17-MAY-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2130 / 2130	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
5550 / 5548	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
7980 / 7977	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9900 / 9897	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10830 /10790	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11700 /11521	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11790 /11592	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12030 /11782	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
14270 /13549	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 914	Date of Summary: 02-NOV-1993	First Sample Examined: 0
Lease Number: G05804	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10425
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10425
API Well Number: 608105002200	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 946
Public Info Code: Y 17-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7680 / 7680	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8580 / 8579	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8640 / 8639	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9760 / 9759	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 915	Date of Summary: 08-SEP-1986	First Sample Examined: 1990
Lease Number: G05805	Source of Paleo: OPERATOR	Borehole MD: 13082
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12815
API Well Number: 608104002100	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1990 - 12082	Water Depth: 1141
Public Info Code: Y 25-JAN-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1990 / 1990	DEF AT first sample examined	DEF AT 4
2753 / 2753	DEF AT sample gap top	POS AT 4
3630 / 3630	DEF AT sample gap bottom	DEF AT 4
6270 / 6263	DEF AT sample gap top	POS AT 4
6630 / 6623	DEF AT sample gap bottom	DEF AT 4
6780 / 6773	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7500 / 7493	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7710 / 7703	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10200 /10175	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11070 /11001	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
12082 /11907	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 915  
Lease Number: G05805  
Well Name: 004  
API Well Number: 608105005400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 17-MAY-1998

Date of Summary: 07-MAR-1995  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TATHAM OFFSHORE INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14182  
Borehole TVD: 13011  
Rkb Elevation: 100  
Water Depth: 1000  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7340 / 7340	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7520 / 7520	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9200 / 9050	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
13400 / 12347	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 986	Date of Summary: 19-JAN-1997	First Sample Examined: 1730
Lease Number: G13155	Source of Paleo: OPERATOR	Borehole MD: 18118
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14140
API Well Number: 608104009800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 1730 - 15225	Water Depth: 517
Public Info Code: Y 05-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1730 / 1730	DEF AT first sample examined	DEF AT
1790 / 1790	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3410 / 3410	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
3650 / 3650	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4670 / 4655	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
4760 / 4741	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5780 / 5693	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
6470 / 6282	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
7430 / 6963	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
8720 / 7841	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8749 / 7861	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
8750 / 7862	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10878 / 9344	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
10879 / 9345	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10880 / 9346	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
11000 / 9429	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT
12410 / 10393	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
15225 / 12293	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 986	Date of Summary: 19-JAN-1997	First Sample Examined: 15770
Lease Number: G13155	Source of Paleo: OPERATOR	Borehole MD: 18118
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14140
API Well Number: 608104009800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 15770 - 18118	Water Depth: 517
Public Info Code: Y 05-JUN-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report for bypass 2

MD / TVD	Paleo Top Description	Ecozone
15770 /12646	DEF AT first sample examined	DEF AT
15771 /12647	POS IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
15800 /12666	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16278 /12972	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
16279 /12972	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT
16280 /12973	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
16730 /13260	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
16880 /13356	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
16909 /13374	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16910 /13375	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
17030 /13451	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
17150 /13527	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
18110 /14135	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 988	Date of Summary: 20-JUL-1989	First Sample Examined: 1580
Lease Number: G05809	Source of Paleo: OPERATOR	Borehole MD: 14082
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14082
API Well Number: 608104004200	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1580 - 14082	Water Depth: 430
Public Info Code: Y 28-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1580 /	DEF AT first sample examined	DEF AT 3
1820 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2600 /	DEF AT - - - - -	DEF AT 4
5441 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9380 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9500 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11570 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12890 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
13160 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
13940 /	DEF IN Upper (Late) Miocene	DEF AT 4
14082 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 988	Date of Summary: 23-OCT-1989	First Sample Examined: 3500
Lease Number: G05809	Source of Paleo: OPERATOR	Borehole MD: 10730
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10501
API Well Number: 608104004201	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3500 - 10730	Water Depth: 488
Public Info Code: Y 06-MAY-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT
8570 / 8384	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10010 / 9794	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10730 /10501	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 989	Date of Summary: 30-DEC-1992	First Sample Examined: 5000
Lease Number: G12148	Source of Paleo: OPERATOR	Borehole MD: 13737
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11050
API Well Number: 608104008600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13737	Water Depth: 565
Public Info Code: Y 08-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4653	DEF AT first sample examined	DEF AT 4
5001 / 4653	DEF AT poor sample interval top	DEF AT 4
5540 / 5051	DEF AT -----	DEF AT 5
6800 / 5979	DEF AT -----	DEF AT 4
9860 / 8211	DEF AT poor sample interval bottom	DEF AT 4
9920 / 8255	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
10160 / 8432	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11060 / 9099	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
13070 /10573	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
13220 /10683	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 5
13520 /10898	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
13550 /10919	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 5
13730 /11047	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
13737 /11052	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: EW 1005  
Lease Number: G10967  
Well Name: 001  
API Well Number: 608105003800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 31-MAY-1997

Date of Summary: 07-MAY-1992  
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: 10393  
Borehole TVD: 10393  
Rkb Elevation: 73  
Water Depth: 1681  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3930	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
7950 / 7950	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9120 / 9120	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9210 / 9209	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9810 / 9809	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: FM 455	Date of Summary: 01-DEC-1986	First Sample Examined: 1565
Lease Number: G08363	Source of Paleo: OPERATOR	Borehole MD: 12401
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12401
API Well Number: 608284000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1565 - 12430	Water Depth: 470
Public Info Code: Y 30-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1565 /	DEF AT first sample examined	DEF AT 2
1566 /	POS IN Oligocene	DEF AT 2
2400 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 3
2550 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 3
2910 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 3
3840 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 3
3870 /	POS AT Lower Paleocene (Danian) Robulus pseudocostata	DEF AT 3
3960 /	POS AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 3
4110 /	DEF IN Upper Cretaceous Campanian Stage	DEF AT 2
4860 /	POS AT Upper Cretaceous Santonian Stage	DEF AT 2
4980 /	DEF IN Upper Cretaceous Santonian Stage	DEF AT 2
5100 /	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 2
5340 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2
5550 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 2
5610 /	POS AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT 1
5910 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 1
7610 /	POS AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 1
7770 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
9450 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 1
9479 /	DEF AT local marker ostracod (see remarks)	DEF AT 1
9480 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
10010 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: FM 455	Date of Summary: 01-DEC-1986	First Sample Examined: 1565
Lease Number: G08363	Source of Paleo: OPERATOR	Borehole MD: 12401
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12401
API Well Number: 608284000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1565 - 12430	Water Depth: 470
Public Info Code: Y 30-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10740 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 1
11990 /	DEF IN Lower Cretaceous Rodessa Formation	DEF AT 1
12180 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
12430 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 181	Date of Summary: 20-JAN-1994	First Sample Examined: 0
Lease Number: G11305	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9265
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9264
API Well Number: 427064034700	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 31-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8306 / 8305	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9035 / 9034	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 190	Date of Summary: 03-DEC-1993	First Sample Examined: 5200
Lease Number: 00092	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13965
API Well Number: 427064034000	Drilling Operator: MITCHELL ENERGY OFFSHORE CORP	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 5200 - 7840	Water Depth: 57
Public Info Code: Y 03-MAR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5198	DEF AT first sample examined	DEF AT 2
5800 / 5798	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5920 / 5918	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
6340 / 6338	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6580 / 6578	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7750 / 7748	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7840 / 7838	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 190	Date of Summary: 03-DEC-1993	First Sample Examined: 7520
Lease Number: 00092	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13965
API Well Number: 427064034000	Drilling Operator: MITCHELL ENERGY OFFSHORE CORP	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 7520 - 14000	Water Depth: 57
Public Info Code: Y 03-MAR-1997	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7520 / 7518	DEF AT first sample examined	DEF AT 3
7730 / 7728	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8000 / 7998	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8120 / 8118	DEF AT Eggerella sp. (local marker)	DEF AT 3
8810 / 8807	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF IN 3
8870 / 8867	DEF AT Eggerella sp. (local marker)	DEF IN 3
10610 /10605	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF IN 3
10850 /10844	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
12680 /12661	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT 4
12980 /12957	DEF AT Lower Miocene (Aquitanean) Globigerinoides primordius	DEF AT 4
13280 /13253	POS AT Lower Miocene (Aquitanean) Lenticulina hansen	DEF AT 4
14000 /13965	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GA 191	<b>Date of Summary:</b> 28-AUG-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13779	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8619
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8617
<b>API Well Number:</b> 427064038600	<b>Drilling Operator:</b> LLOG EXPLORATION COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 58
<b>Public Info Code:</b> Y 15-SEP-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 6289	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7360 / 7358	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8000 / 7998	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8605 / 8603	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 191	Date of Summary: 05-MAR-1993	First Sample Examined: 0
Lease Number: G13779	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9794
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 9576
API Well Number: 427064032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 15-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 6942	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8650 / 8508	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 191	Date of Summary: 09-SEP-1993	First Sample Examined: 8964
Lease Number: G13779	Source of Paleo: OPERATOR	Borehole MD: 9794
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 9576
API Well Number: 427064032900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 3745 - 9794	Water Depth: 55
Public Info Code: Y 15-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8964 / 8798	DEF AT first sample examined	POS AT 2
9507 / 9305	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9794 / 9576	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 212	Date of Summary: 10-JAN-1996	First Sample Examined: 0
Lease Number: G14827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8818
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8396
API Well Number: 427064037800	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 30-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6615 / 6376	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7840 / 7493	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8324 / 7940	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT
8510 / 8112	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 227	Date of Summary: 13-JUN-1997	First Sample Examined: 0
Lease Number: G14132	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7840
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7750
API Well Number: 427064040100	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 31-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 5840	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6270 / 6269	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7640 / 7584	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 227	Date of Summary: 23-JUN-1997	First Sample Examined: 0
Lease Number: G14132	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11620
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10706
API Well Number: 427064040101	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 31-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7624 / 7603	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7670 / 7646	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8210 / 8111	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9560 / 9103	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 253	Date of Summary: 24-MAY-1991	First Sample Examined: 6000
Lease Number: G11308	Source of Paleo: OPERATOR	Borehole MD: 8206
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8206
API Well Number: 427064029400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6000 - 8270	Water Depth: 65
Public Info Code: Y 30-SEP-1994	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 1
6240 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
6270 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6720 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7020 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
7200 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
7710 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8250 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 268	Date of Summary: 03-NOV-1998	First Sample Examined: 0
Lease Number: G17127	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14392
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 427064041100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 17-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4400 / 4103	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5889 / 5313	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6735 / 6014	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7716 / 6870	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9121 / 8230	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11545 /10652	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12953 /12060	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GA 289	<b>Date of Summary:</b> 30-NOV-1987	<b>First Sample Examined:</b> 2530
<b>Lease Number:</b> G01783	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9850
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9850
<b>API Well Number:</b> 427064019300	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2530 - 9850	<b>Water Depth:</b> 68
<b>Public Info Code:</b> Y 27-DEC-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2530 /	DEF AT first sample examined	DEF AT
2531 /	DEF AT cement	DEF AT
2790 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3120 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3210 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3600 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3720 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4500 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4650 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4920 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5340 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5590 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7010 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7640 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7790 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9820 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9850 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 291	Date of Summary: 08-MAR-1990	First Sample Examined: 5030
Lease Number: G10245	Source of Paleo: OPERATOR	Borehole MD: 10916
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10910
API Well Number: 427064025100	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5030 - 10910	Water Depth: 63
Public Info Code: Y 11-OCT-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5029	DEF AT first sample examined	DEF AT 3
5031 / 5030	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6020 / 6019	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6500 / 6499	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8060 / 8059	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8930 / 8929	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10760 /10755	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10910 /10904	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 291	Date of Summary: 07-MAY-1990	First Sample Examined: 5000
Lease Number: G10245	Source of Paleo: OPERATOR	Borehole MD: 11310
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10806
API Well Number: 427064026100	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11310	Water Depth: 63
Public Info Code: Y 11-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4727	DEF AT first sample examined	DEF AT 3
5001 / 4728	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6240 / 5865	DEF AT sample gap top	POS AT 3
6440 / 6050	DEF AT sample gap bottom	DEF AT 3
6470 / 6077	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7700 / 7215	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8780 / 8278	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9590 / 9088	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10550 /10047	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
11310 /10807	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 294	Date of Summary: 05-AUG-1993	First Sample Examined: 5000
Lease Number: G13781	Source of Paleo: OPERATOR	Borehole MD: 10117
Well Name: 001	Paleo Done By: STORK & ASS.	Borehole TVD: 10117
API Well Number: 427064033800	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10130	Water Depth: 66
Public Info Code: Y 31-OCT-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4997	DEF AT first sample examined	DEF AT 1
5001 / 4998	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5090 / 5087	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5420 / 5417	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
5570 / 5567	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5840 / 5837	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
6020 / 6017	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 2
6260 / 6257	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6470 / 6467	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
6530 / 6527	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
6710 / 6707	DEF AT local marker benthic foram increase	DEF AT 2
7160 / 7157	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
7250 / 7247	DEF AT Arenaceous fauna (local marker)	DEF AT 1
7370 / 7367	DEF AT local marker benthic foram increase	DEF AT 1
7490 / 7487	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 1
7610 / 7607	DEF AT - - - - -	DEF AT 2
7700 / 7697	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7850 / 7847	DEF AT Cyclammina sp. (local marker)	DEF IN 2
7880 / 7877	DEF AT local marker planktic foram increase	DEF IN 2
9080 / 9075	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
9230 / 9224	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
9290 / 9284	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 294	Date of Summary: 05-AUG-1993	First Sample Examined: 5000
Lease Number: G13781	Source of Paleo: OPERATOR	Borehole MD: 10117
Well Name: 001	Paleo Done By: STORK & ASS.	Borehole TVD: 10117
API Well Number: 427064033800	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10130	Water Depth: 66
Public Info Code: Y 31-OCT-1997	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9350 / 9344	DEF AT Cyclammia cancellata (local marker)	DEF IN 2
9410 / 9404	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9560 / 9554	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10118 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 297	Date of Summary: 12-FEB-1992	First Sample Examined: 0
Lease Number: G12501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8329
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7900
API Well Number: 427064031500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 22-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2949 / 2949	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3613 / 3613	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4295 / 4295	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4750 / 4746	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5610 / 5553	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6717 / 6521	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 297	Date of Summary: 25-SEP-1997	First Sample Examined: 0
Lease Number: G12501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10213
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9316
API Well Number: 427064039700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 22-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4569 / 4569	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5306 / 5306	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6503 / 6502	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7060 / 7051	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7990 / 7888	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 297	Date of Summary: 08-OCT-1991	First Sample Examined: 0
Lease Number: G12501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9855
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9063
API Well Number: 427064030000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 22-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4238 / 4238	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4695 / 4695	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5316 / 5311	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT
5666 / 5648	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6930 / 6675	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8359 / 7803	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 297	Date of Summary: 13-MAY-1996	First Sample Examined: 0
Lease Number: G12501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11072
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9742
API Well Number: 427064037600	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 22-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4687 / 4687	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5484 / 5471	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5643 / 5622	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6821 / 6654	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9957 / 8887	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 299	Date of Summary: 20-OCT-1996	First Sample Examined: 7000
Lease Number: G13783	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10458
API Well Number: 427064038900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7000 - 10500	Water Depth: 65
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	DEF AT 1
7001 / 7001	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 1
7150 / 7150	DEF AT local marker foram increase	DEF IN 1
7240 / 7240	DEF AT local marker foram increase	DEF AT 2
7840 / 7840	DEF AT local marker benthic foram increase	DEF IN 1
7990 / 7990	DEF AT local marker foram decrease	DEF AT 1
8260 / 8260	DEF AT local marker benthic foram increase	DEF IN 1
8440 / 8440	DEF AT local marker foram decrease	DEF AT 1
9130 / 9130	DEF AT local marker benthic foram increase	DEF IN 1
9160 / 9160	DEF AT Eggerella sp. (local marker)	DEF AT 2
9250 / 9250	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
9280 / 9280	DEF AT deepwater facies Harang	DEF AT 3
9340 / 9340	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
10209 /10208	DEF AT unconformity	POS AT 2
10210 /10209	DEF AT reworked material	POS AT 2
10419 /10418	DEF AT unconformity	DEF AT 2
10420 /10419	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
10480 /10479	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 303	Date of Summary: 25-MAR-1987	First Sample Examined: 0
Lease Number: G04565	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10140
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10140
API Well Number: 427064010000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 28-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7880 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8990 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10070 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 304	Date of Summary: 12-OCT-1994	First Sample Examined: 6000
Lease Number: G11311	Source of Paleo: OPERATOR	Borehole MD: 7515
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7300
API Well Number: 427064035500	Drilling Operator: SEAGULL INTERSTATE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6000 - 7515	Water Depth: 65
Public Info Code: Y 10-JAN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 7290=Guttulina austriaca

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5838	DEF AT first sample examined	DEF AT 1
6001 / 5839	POS IN Middle Miocene	DEF AT 1
7110 / 6850	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
7140 / 6877	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
7290 / 7013	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7320 / 7041	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 1
7515 / 7218	DEF AT last sample examined	DEF IN 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 313	Date of Summary: 07-SEP-1999	First Sample Examined: 0
Lease Number: G11313	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 427064011400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8220 / 8217	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9750 / 9746	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 313	Date of Summary: 13-JAN-1995	First Sample Examined: 0
Lease Number: G11313	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10400
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9844
API Well Number: 427064035600	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 11-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 / 8685	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10194 / 9652	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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<b>Area Block:</b> GA 313	<b>Date of Summary:</b> 08-OCT-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11318	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12935
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10496
<b>API Well Number:</b> 427064026000	<b>Drilling Operator:</b> LOUISIANA LAND AND EXPLORATION COMPANY	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 66
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7165 / 6531	DEF AT gray shale	DEF AT
7460 / 6731	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9704 / 8277	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11121 / 9247	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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End Date: 31-DEC-1999

Area Block: GA 313	Date of Summary: 09-MAR-1990	First Sample Examined: 0
Lease Number: G11318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12520
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11452
API Well Number: 427064025300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: 6720=Galveston Shale

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 / 4629	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6720 / 6676	DEF AT local marker (general)	DEF AT
8678 / 8294	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10403 / 9686	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 315	Date of Summary: 12-JUL-1996	First Sample Examined: 0
Lease Number: G14834	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13364
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12047
API Well Number: 427064038200	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9085 / 8773	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10075 / 9559	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 316	Date of Summary: 20-SEP-1996	First Sample Examined: 0
Lease Number: G14835	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11800
API Well Number: 427064038800	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 28-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9374 / 9373	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10249 / 10248	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 320	Date of Summary: 09-MAY-1985	First Sample Examined: 0
Lease Number: G07245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9589
API Well Number: 427064012100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8885 / 8884	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 320  
Lease Number: G07245  
Well Name: 002  
API Well Number: 427064012800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUN-1996

Date of Summary: 08-APR-1987  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: KERR-MCGEE CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 12379  
Borehole TVD: 11593  
Rkb Elevation: 95  
Water Depth: 72  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6970	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7370 / 7347	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8000 / 7929	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10240 / 9843	DEF AT -----	DEF AT 4
10270 / 9868	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10600 /10136	DEF AT -----	DEF AT 5
11170 /10603	DEF AT -----	DEF AT 6
12100 /11357	DEF AT -----	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 330	Date of Summary: 22-SEP-1992	First Sample Examined: 7400
Lease Number: G13314	Source of Paleo: OPERATOR	Borehole MD: 8750
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8084
API Well Number: 427064032400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 7400 - 8240	Water Depth: 65
Public Info Code: Y 30-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 6812	DEF AT first sample examined	DEF AT 1
7401 / 6813	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7880 / 7261	POS AT local marker (general)	DEF AT 1
8000 / 7373	DEF AT faunal change (no faunal increase)	DEF IN 1
8060 / 7429	DEF AT Eggerella sp. (local marker)	DEF IN 1
8150 / 7514	POS AT local marker (general)	DEF IN 2
8180 / 7542	DEF AT faunal change (no faunal increase)	DEF AT 3
8240 / 7598	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 330	Date of Summary: 22-SEP-1992	First Sample Examined: 7670
Lease Number: G13314	Source of Paleo: OPERATOR	Borehole MD: 8750
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8084
API Well Number: 427064032400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 6290 - 8750	Water Depth: 65
Public Info Code: Y 30-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7670 / 7064	DEF AT first sample examined	DEF AT 1
7880 / 7261	POS AT local marker (general)	DEF AT 1
8030 / 7401	DEF AT cement	POS AT 1
8150 / 7514	POS AT local marker (general)	DEF AT 3
8510 / 7854	POS AT faunal change (no faunal increase)	DEF AT 2
8540 / 7883	POS AT faunal change (no faunal increase)	DEF AT 1
8750 / 8084	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 330	Date of Summary: 27-APR-1993	First Sample Examined: 11400
Lease Number: G13314	Source of Paleo: OPERATOR	Borehole MD: 13539
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8500
API Well Number: 427064033600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 11400 - 13520	Water Depth: 67
Public Info Code: Y 30-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 / 7264	DEF AT first sample examined	POS AT 1
11401 / 7264	DEF AT cement	POS AT 1
11540 / 7340	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
11840 / 7511	DEF AT Cyclamina cancellata (local marker)	DEF AT 1
11900 / 7546	DEF AT faunal change (no faunal increase)	DEF AT 2
12290 / 7774	DEF AT local marker (general)	DEF AT 3
12920 / 8140	DEF AT local marker (general)	DEF AT 1
13220 / 8314	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
13340 / 8384	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
13490 / 8473	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 332	Date of Summary: 08-MAR-1995	First Sample Examined: 0
Lease Number: G11319	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11730
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10988
API Well Number: 427064035800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 12-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7710 / 7688	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9420 / 9347	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 333	Date of Summary: 06-JUL-1988	First Sample Examined: 0
Lease Number: G06104	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10120
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9557
API Well Number: 427064020600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 26-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 6060	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7200 / 7194	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7957 / 7904	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9390 / 9046	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 333	Date of Summary: 08-SEP-1989	First Sample Examined: 9040
Lease Number: G06104	Source of Paleo: OPERATOR	Borehole MD: 11770
Well Name: 004	Paleo Done By: JACK COLLE	Borehole TVD: 8542
API Well Number: 427064023400	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 9040 - 11770	Water Depth: 66
Public Info Code: Y 27-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9040 / 6928	DEF AT first sample examined	DEF AT 1
9220 / 7043	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
10270 / 7629	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
11170 / 8170	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
11470 / 8355	DEF AT local marker benthic foram increase	DEF AT 2
11770 / 8542	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 333	Date of Summary: 08-SEP-1999	First Sample Examined: 0
Lease Number: G06104	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11687
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9069
API Well Number: 427064021500	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 05-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 / 6780	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10300 / 8210	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 343	Date of Summary: 17-JUN-1988	First Sample Examined: 0
Lease Number: G06105	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9207
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9207
API Well Number: 427064020400	Drilling Operator: WACKER OIL INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6898	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7825 / 7823	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 343	Date of Summary: 03-APR-1989	First Sample Examined: 0
Lease Number: G06105	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9563
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8694
API Well Number: 427064022500	Drilling Operator: WACKER OIL INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 14-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 7101	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8120 / 7441	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 345	Date of Summary: 12-JUN-1991	First Sample Examined: 0
Lease Number: G11320	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13124
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12055
API Well Number: 427064027900	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2272 / 2272	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2619 / 2619	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2890 / 2890	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
3152 / 3152	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3510 / 3510	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4306 / 4284	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4749 / 4688	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7570 / 7210	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8911 / 8416	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10494 / 9830	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 349	Date of Summary: 15-JAN-1989	First Sample Examined: 3530
Lease Number: G07251	Source of Paleo: OPERATOR	Borehole MD: 7930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7930
API Well Number: 427064021200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3530 - 7790	Water Depth: 84
Public Info Code: Y 11-JUL-1997	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 AT 2
3531 / 3531	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3650 / 3650	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
3710 / 3710	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
3830 / 3830	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3920 / 3920	DEF AT -----	DEF AT 1
4190 / 4190	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4670 / 4670	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
4730 / 4730	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
5060 / 5060	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
5450 / 5450	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
5480 / 5480	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 1
5600 / 5600	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
5660 / 5660	DEF AT -----	DEF AT 2
5930 / 5930	DEF AT -----	DEF AT 1
6110 / 6110	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 1
6260 / 6260	DEF AT local marker benthic foram increase	DEF AT 2
6590 / 6590	DEF AT -----	DEF AT 1
6650 / 6650	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6740 / 6740	DEF AT -----	DEF AT 2
6980 / 6980	DEF AT -----	DEF AT 1
7280 / 7280	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GA 349	<b>Date of Summary:</b> 15-JAN-1989	<b>First Sample Examined:</b> 3530
<b>Lease Number:</b> G07251	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7930
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7930
<b>API Well Number:</b> 427064021200	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3530 - 7790	<b>Water Depth:</b> 84
<b>Public Info Code:</b> Y 11-JUL-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7310 / 7310	DEF AT local marker benthic foram increase	DEF AT 1
7460 / 7460	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
7730 / 7730	DEF AT -----	DEF AT 2
7790 / 7790	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

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Area Block: GA 349	Date of Summary: 17-SEP-1996	First Sample Examined: 0
Lease Number: G07251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7440
API Well Number: 427064022100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6894 / 6020	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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End Date: 31-DEC-1999

Area Block: GA 349	Date of Summary: 29-JUN-1989	First Sample Examined: 0
Lease Number: G07251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7170
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7170
API Well Number: 427064023000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4940 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5350 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
5740 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7000 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 349	Date of Summary: 08-AUG-1989	First Sample Examined: 0
Lease Number: G07251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6800
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 427064023200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3975 /	POS AT Upper (Late) Miocene	DEF AT
5060 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5400 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
5964 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 349	Date of Summary: 05-SEP-1989	First Sample Examined: 0
Lease Number: G07251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6800
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 427064023700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3936 /	POS AT Upper (Late) Miocene	DEF AT
4942 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5427 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 349	Date of Summary: 01-NOV-1989	First Sample Examined: 0
Lease Number: G07251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8131
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 427064024000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 11-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4780 / 3929	POS AT Upper (Late) Miocene	DEF AT
6200 / 5000	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6780 / 5500	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
6960 / 5666	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GA 350	<b>Date of Summary:</b> 20-OCT-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04721	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10850
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8597
<b>API Well Number:</b> 427064018700	<b>Drilling Operator:</b> WALTER OIL & GAS CORPORATION	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 78
<b>Public Info Code:</b> Y 17-NOV-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5602 / 5099	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
7509 / 6296	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8019 / 6627	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9700 / 7786	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT



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<b>Area Block:</b> GA 350	<b>Date of Summary:</b> 16-MAR-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09047	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7766
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7600
<b>API Well Number:</b> 427064029800	<b>Drilling Operator:</b> WALTER OIL & GAS CORPORATION	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 81
<b>Public Info Code:</b> Y 02-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6473 / 6307	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7613 / 7447	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 351	Date of Summary: 16-JAN-1991	First Sample Examined: 0
Lease Number: G09047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8099
API Well Number: 427064020000	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 02-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6294 / 6293	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7432 / 7431	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 356	Date of Summary: 25-MAY-1990	First Sample Examined: 4990
Lease Number: G11322	Source of Paleo: OPERATOR	Borehole MD: 9058
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9058
API Well Number: 427064025700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4990 - 9057	Water Depth: 85
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4990 /	DEF AT first sample examined	DEF AT 1
4991 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5950 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
6670 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
7270 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 1
7390 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
8500 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 1
8740 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
9010 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 357	Date of Summary: 27-SEP-1999	First Sample Examined: 0
Lease Number: G12505	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8200
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 427064036100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 23-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6265 / 6265	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7161 / 7161	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 360	Date of Summary: 02-DEC-1993	First Sample Examined: 0
Lease Number: G13784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8656
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8350
API Well Number: 427064034300	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7712 / 7439	DEF AT gray shale	DEF AT
7890 / 7610	DEF AT local marker benthic foram increase	DEF AT
7980 / 7697	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8040 / 7755	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 363	Date of Summary: 12-JUL-1989	First Sample Examined: 0
Lease Number: G06113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8900
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8721
API Well Number: 427064022200	Drilling Operator: WACKER OIL INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 08-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6967 / 6946	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8067 / 7960	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 363	Date of Summary: 20-OCT-1988	First Sample Examined: 0
Lease Number: G06113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9050
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9050
API Well Number: 427064021400	Drilling Operator: WACKER OIL INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 04-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7026 / 7025	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7776 / 7775	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 379  
Lease Number: G08129  
Well Name: 001  
API Well Number: 427064019000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUN-1994

Date of Summary: 23-FEB-1988  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: UNION TEXAS PETROLEUM CORP  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 17177  
Borehole TVD: 14317  
Rkb Elevation: 98  
Water Depth: 80  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7260 / 6739	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7740 / 7107	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9600 / 8550	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11330 / 9811	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11560 / 9979	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
16920 / 14119	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 379	Date of Summary: 31-MAY-1990	First Sample Examined: 0
Lease Number: G08129	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10592
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7862
API Well Number: 427064026200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 4393	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8790 / 6622	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10410 / 7737	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 379	Date of Summary: 02-AUG-1990	First Sample Examined: 0
Lease Number: G08129	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9633
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7879
API Well Number: 427064026800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 4432	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5920 / 4957	DEF AT Arenaceous fauna (local marker)	DEF AT
8440 / 6912	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8530 / 6987	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9550 / 7814	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 379	Date of Summary: 09-DEC-1996	First Sample Examined: 0
Lease Number: G15758	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8341
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8100
API Well Number: 427064039100	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 12-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6675 / 6495	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 380	Date of Summary: 02-DEC-1993	First Sample Examined: 0
Lease Number: G13787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7665
API Well Number: 427064034200	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 24-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9330 / 6802	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 383	Date of Summary: 21-MAY-1990	First Sample Examined: 0
Lease Number: G08131	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8011
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8011
API Well Number: 427064025900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 05-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 384  
Lease Number: G04069  
Well Name: 001  
API Well Number: 427064007900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 09-FEB-1995

Date of Summary: 16-SEP-1982  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ALLIED CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 7934  
Borehole TVD: 7934  
Rkb Elevation: 82  
Water Depth: 92  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3540 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4200 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4530 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5910 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6420 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7800 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 384	Date of Summary: 11-JUN-1982	First Sample Examined: 900
Lease Number: G04069	Source of Paleo: OPERATOR	Borehole MD: 8298
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8298
API Well Number: 427064008400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 900 - 8298	Water Depth: 90
Public Info Code: Y 09-FEB-1995	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 IN 2
2460 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
2760 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2940 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3330 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3930 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4230 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4710 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5940 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
6540 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
6780 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8298 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 389	Date of Summary: 22-MAR-1983	First Sample Examined: 4657
Lease Number: G04259	Source of Paleo: OPERATOR	Borehole MD: 9476
Well Name: A001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 8012
API Well Number: 427064008300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4657 - 9480	Water Depth: 98
Public Info Code: Y 21-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4657 / 3994	DEF AT first sample examined	DEF AT 2
4658 / 3995	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4960 / 4246	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6100 / 5209	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6190 / 5284	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6580 / 5613	DEF AT - - - - -	DEF AT 1
7210 / 6142	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
7809 / 6639	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
7810 / 6640	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
8710 / 7382	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
8890 / 7531	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
9480 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GA 389	<b>Date of Summary:</b> 10-FEB-1984	<b>First Sample Examined:</b> 4390
<b>Lease Number:</b> G04259	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8668
<b>Well Name:</b> A002	<b>Paleo Done By:</b> DAVID L. DUNN	<b>Borehole TVD:</b> 7517
<b>API Well Number:</b> 427064009900	<b>Drilling Operator:</b> MESA PETROLEUM CO	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4390 - 8530	<b>Water Depth:</b> 98
<b>Public Info Code:</b> Y 21-JUL-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 / 4017	DEF AT first sample examined	DEF AT 2
4391 / 4017	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4540 / 4141	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5050 / 4553	DEF AT - - - - -	DEF IN 1
5890 / 5216	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 1
5970 / 5280	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
6390 / 5624	DEF AT - - - - -	DEF AT 2
7480 / 6527	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
8500 / 7376	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
8530 / 7401	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
8665 / 7515	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 392	Date of Summary: 13-FEB-1995	First Sample Examined: 0
Lease Number: G04567	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7400
API Well Number: 427064036000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 25-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4490 / 4490	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6320 / 6320	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7192 / 7192	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 392	Date of Summary: 25-NOV-1985	First Sample Examined: 0
Lease Number: G04567	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11015
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9832
API Well Number: 427064006600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 25-APR-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4502 / 4134	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4756 / 4362	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5195 / 4754	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
6025 / 5485	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
6362 / 5780	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7310 / 6604	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 392	Date of Summary: 08-NOV-1985	First Sample Examined: 0
Lease Number: G04567	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5640
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4444
API Well Number: 427064012600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 25-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5056 / 3941	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 393	Date of Summary: 23-APR-1979	First Sample Examined: 0
Lease Number: G03741	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 427064004700	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3630 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4500 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5520 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7400 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 393	Date of Summary: 05-JAN-1980	First Sample Examined: 0
Lease Number: G03741	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10024
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10024
API Well Number: 427064005100	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4600 / 4600	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5500 / 5500	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6400 / 6400	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 393	Date of Summary: 29-NOV-1982	First Sample Examined: 0
Lease Number: G03741	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10695
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9545
API Well Number: 427064007800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7283 / 6577	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8320 / 7458	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9653 / 8634	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 393	Date of Summary: 05-JAN-1983	First Sample Examined: 0
Lease Number: G03741	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10250
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 7620
API Well Number: 427064004900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 3761	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5200 / 4155	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7800 / 5813	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10200 / 7579	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 418	Date of Summary: 03-AUG-1990	First Sample Examined: 3050
Lease Number: G08553	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: A001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 8000
API Well Number: 427064027300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3050 - 8000	Water Depth: 97
Public Info Code: Y 05-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3050 /	DEF AT first sample examined	DEF AT 3
3051 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3260 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3350 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4040 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4250 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4310 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4340 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
4370 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4610 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6020 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7310 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7760 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8000 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 418	Date of Summary: 06-NOV-1990	First Sample Examined: 3420
Lease Number: G12509	Source of Paleo: OPERATOR	Borehole MD: 9357
Well Name: A002	Paleo Done By: DAVID L. DUNN	Borehole TVD: 7432
API Well Number: 427064028400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3420 - 9360	Water Depth: 97
Public Info Code: Y 26-JUN-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 2996	DEF AT first sample examined	DEF AT 3
3421 / 2996	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3960 / 3384	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5310 / 4365	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5730 / 4683	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5820 / 4752	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5910 / 4821	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7680 / 6136	DEF AT -----	DEF AT 4
7740 / 6181	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
7770 / 6203	DEF AT -----	DEF AT 3
9360 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 465	Date of Summary: 04-FEB-1986	First Sample Examined: 5520
Lease Number: G06116	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13818
API Well Number: 427064010600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 4530 - 14000	Water Depth: 109
Public Info Code: Y 12-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4529	DEF AT first sample examined	DEF AT
5520 / 5519	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6450 / 6449	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7590 / 7589	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8790 / 8789	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12570 /12557	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
13050 /13016	DEF AT -----	DEF AT 4
13590 /13482	DEF AT -----	DEF AT 6
14000 /13818	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 465	Date of Summary: 05-DEC-1985	First Sample Examined: 0
Lease Number: G06116	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9835
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9835
API Well Number: 427064012500	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 12-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7700	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9590 / 9590	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA 465	Date of Summary: 08-JUN-1989	First Sample Examined: 0
Lease Number: G06116	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9215
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8675
API Well Number: 427064022600	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 12-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 7961	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA A 34	Date of Summary: 05-AUG-1996	First Sample Examined: 0
Lease Number: G12514	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7465
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7201
API Well Number: 427064037100	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 23-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6845 / 6614	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GA A 34	Date of Summary: 05-AUG-1996	First Sample Examined: 0
Lease Number: G12515	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9834
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9169
API Well Number: 427064036900	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 19-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9033 / 6508	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GA A 160	<b>Date of Summary:</b> 08-DEC-1998	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G18922	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11779
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11778
<b>API Well Number:</b> 427074009900	<b>Drilling Operator:</b> COCKRELL OIL CORPORATION	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4500 - 11779	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 23-DEC-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 4
4501 / 4501	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5820 / 5820	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
5880 / 5880	DEF AT - - - - -	DEF AT 5
6360 / 6360	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6750 / 6750	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
7140 / 7140	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7170 / 7170	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
7260 / 7260	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
7350 / 7350	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
8760 / 8759	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
8910 / 8909	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
10590 /10589	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
10620 /10619	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
10680 /10679	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
10950 /10949	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
11779 /11778	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 35	Date of Summary: 29-NOV-1993	First Sample Examined: 2250
Lease Number: G10326	Source of Paleo: OPERATOR	Borehole MD: 7277
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6294
API Well Number: 608074012500	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2250 - 7277	Water Depth: 467
Public Info Code: Y 03-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2250 / 2230	DEF AT first sample examined	DEF AT 4
2700 / 2612	DEF AT sample gap top	DEF AT
2969 / 2826	DEF AT sample gap bottom	DEF AT
2970 / 2827	DEF AT - - - - -	DEF AT 3
4320 / 3897	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5970 / 5220	DEF AT - - - - -	DEF AT 4
7277 / 6294	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 73	Date of Summary: 28-MAY-1997	First Sample Examined: 0
Lease Number: G13364	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15270
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14414
API Well Number: 608074016100	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 616
Public Info Code: Y 27-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8220 / 8137	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8640 / 8526	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9120 / 8968	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12930 /12448	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15080 /14252	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 80	<b>Date of Summary:</b> 29-OCT-1990	<b>First Sample Examined:</b> 1650
<b>Lease Number:</b> G11449	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7050
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6879
<b>API Well Number:</b> 608074007800	<b>Drilling Operator:</b> ENSERCH EXPLORATION INC	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 1650 - 7050	<b>Water Depth:</b> 534
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 / 1650	DEF AT first sample examined	DEF IN 3
2460 / 2460	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5790 / 5650	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5820 / 5678	DEF AT faunal change (no faunal increase)	DEF IN 5
5940 / 5794	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
6420 / 6257	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
6630 / 6463	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
6750 / 6582	DEF AT faunal change (no faunal increase)	DEF AT 6
6780 / 6612	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7050 / 6881	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 80	Date of Summary: 29-OCT-1990	First Sample Examined: 1650
Lease Number: G11449	Source of Paleo: OPERATOR	Borehole MD: 7050
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6879
API Well Number: 608074007800	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 1650 - 7040	Water Depth: 534
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
1650 / 1650	DEF AT first sample examined	DEF AT
1740 / 1740	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2550 / 2550	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5880 / 5736	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5970 / 5823	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6150 / 5997	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6420 / 6257	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6510 / 6345	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6630 / 6463	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
6780 / 6612	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
6960 / 6791	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
7040 / 6871	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 119	Date of Summary: 15-SEP-1995	First Sample Examined: 1880
Lease Number: G13811	Source of Paleo: OPERATOR	Borehole MD: 15689
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14717
API Well Number: 608074013900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1700 - 15690	Water Depth: 622
Public Info Code: Y 31-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1880 / 1880	DEF AT first sample examined	DEF AT 5
1940 / 1940	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2000 / 2000	DEF AT -----	DEF AT 4
2300 / 2296	DEF AT -----	DEF AT 3
4310 / 4050	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6170 / 5568	DEF AT -----	DEF AT 4
6500 / 5838	DEF AT -----	DEF AT 5
7370 / 6569	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
9050 / 8110	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9740 / 8778	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10790 / 9822	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
11510 / 10541	DEF AT -----	DEF IN 5
14660 / 13688	DEF AT -----	DEF AT 5
15690 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 165	Date of Summary: 12-OCT-1992	First Sample Examined: 2450
Lease Number: G12635	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17953
API Well Number: 608074009300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 2450 - 18000	Water Depth: 724
Public Info Code: Y 30-NOV-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2450 / 2450	DEF AT first sample examined	DEF AT 3
2800 / 2800	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
4630 / 4630	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
4690 / 4690	DEF AT - - - - -	DEF AT 5
4750 / 4750	DEF AT gouge	POS AT 5
5854 / 5854	DEF AT salt	DEF AT 5
12820 /12797	DEF AT base of salt	DEF AT 4
13719 /13694	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
13720 /13695	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
15890 /15858	DEF AT - - - - -	DEF AT 5
16030 /15997	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
17440 /17397	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
17560 /17516	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies (acme)	DEF AT 5
17650 /17606	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
17980 /17934	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
18000 /17954	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 171	Date of Summary: 04-OCT-1988	First Sample Examined: 2290
Lease Number: G09216	Source of Paleo: OPERATOR	Borehole MD: 16115
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15074
API Well Number: 608074080300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 4	Sample Range: 2290 - 15940	Water Depth: 1141
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2290 / 2290	DEF AT first sample examined	DEF IN 4
2320 / 2320	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
3070 / 3070	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
3230 / 3230	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4390 / 4390	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4420 / 4420	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7690 / 7690	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
8480 / 8480	DEF AT anhydrite	DEF AT 5
9430 / 9430	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9610 / 9610	DEF AT local marker foram decrease	DEF AT 5
10780 /10757	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11230 /11165	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
11950 /11765	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
12100 /11887	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13270 /12823	DEF AT anhydrite	DEF AT 5
14109 /13498	DEF AT Eggerella sp. (local marker)	DEF AT 5
14110 /13499	DEF AT local white Arenaceous fauna	DEF AT 5
14260 /13616	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
14620 /13896	DEF AT Bathysiphon fauna	DEF AT 5
14740 /13990	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
14980 /14180	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15189 /14348	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 171	Date of Summary: 04-OCT-1988	First Sample Examined: 2290
Lease Number: G09216	Source of Paleo: OPERATOR	Borehole MD: 16115
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15074
API Well Number: 608074080300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 4	Sample Range: 2290 - 15940	Water Depth: 1141
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15190 /14349	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15940 /14936	DEF AT last sample examined	DEF AT 5



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 171	<b>Date of Summary:</b> 04-OCT-1988	<b>First Sample Examined:</b> 13660
<b>Lease Number:</b> G09216	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16115
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 15074
<b>API Well Number:</b> 608074080300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 13660 - 16110	<b>Water Depth:</b> 1141
<b>Public Info Code:</b> Y 02-OCT-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13660 /13141	DEF AT first sample examined	DEF AT 5
14860 /14084	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
14890 /14108	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14910 /14124	DEF AT Eggerella sp. (local marker)	DEF AT 5
15040 /14228	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
15160 /14325	DEF AT local marker foram increase	DEF AT 5
15340 /14467	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15460 /14560	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
15700 /14748	DEF AT local marker planktic foram increase	DEF AT 5
16060 /15030	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
16110 /15070	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 171	Date of Summary: 04-OCT-1988	First Sample Examined: 2290
Lease Number: G09216	Source of Paleo: OPERATOR	Borehole MD: 16115
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15074
API Well Number: 608074080300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 3 of 4	Sample Range: 2290 - 15940	Water Depth: 1141
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Calcareous nannofossil report for original hole

MD / TVD	Paleo Top Description	Ecozone
2290 / 2290	DEF AT first sample examined	DEF AT
3370 / 3370	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4480 / 4480	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9460 / 9460	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10810 /10785	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11170 /11112	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12160 /11935	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12790 /12440	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14740 /13990	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15940 /14936	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 171	Date of Summary: 04-OCT-1988	First Sample Examined: 13660
Lease Number: G09216	Source of Paleo: OPERATOR	Borehole MD: 16115
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15074
API Well Number: 608074080300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 4 of 4	Sample Range: 13660 - 16110	Water Depth: 1141
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13660 /13141	DEF AT first sample examined	DEF AT
14920 /14132	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16110 /15070	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 189	Date of Summary: 19-NOV-1997	First Sample Examined: 0
Lease Number: G06358	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9195
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9189
API Well Number: 608074005100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 718
Public Info Code: Y 22-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2972 / 2972	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
4492 / 4492	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
7072 / 7072	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8452 / 8450	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8932 / 8928	DEF AT local marker planktic foram increase	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 189	Date of Summary: 09-JUL-1989	First Sample Examined: 4630
Lease Number: G06358	Source of Paleo: OPERATOR	Borehole MD: 8751
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7956
API Well Number: 608074005500	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 4630 - 8740	Water Depth: 718
Public Info Code: Y 28-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4630 / 4021	DEF AT first sample examined	POS AT 5
4720 / 4091	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5020 / 4340	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5110 / 4418	DEF AT -----	DEF AT 4
5290 / 4578	DEF AT -----	DEF AT 3
5890 / 5136	DEF AT -----	DEF AT 4
6040 / 5280	DEF AT -----	DEF AT 3
6340 / 5570	DEF AT -----	DEF AT 4
6400 / 5629	DEF AT -----	DEF AT 3
7000 / 6222	DEF AT -----	DEF AT 4
7240 / 6460	DEF AT -----	DEF AT 3
7780 / 6996	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
8140 / 7352	DEF AT -----	DEF AT 3
8200 / 7412	DEF AT -----	DEF AT 4
8380 / 7590	DEF AT -----	DEF AT 3
8500 / 7709	DEF AT local marker foram increase	DEF AT 4
8530 / 7739	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
8590 / 7798	DEF AT -----	DEF AT 3
8710 / 7917	DEF AT gouge	DEF AT 5
8739 / 7946	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8740 / 7947	DEF AT last sample examined	DEF AT 5

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 189	<b>Date of Summary:</b> 10-JUL-1989	<b>First Sample Examined:</b> 4630
<b>Lease Number:</b> G06358	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8751
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7956
<b>API Well Number:</b> 608074005500	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4630 - 8710	<b>Water Depth:</b> 718
<b>Public Info Code:</b> Y 28-JUL-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 / 4021	DEF AT first sample examined	DEF AT
4690 / 4068	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4900 / 4238	DEF AT local marker floral decrease	DEF AT
5110 / 4418	DEF AT local marker floral increase	DEF AT
5590 / 4854	DEF AT floral flood	DEF AT
5920 / 5165	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
6310 / 5541	DEF AT local marker floral decrease	DEF AT
6490 / 5716	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
6610 / 5835	DEF AT local marker floral increase	DEF AT
6790 / 6013	DEF AT local marker floral decrease	DEF AT
8670 / 7878	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8709 / 7916	DEF AT gouge	DEF AT
8710 / 7917	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 189	<b>Date of Summary:</b> 05-SEP-1989	<b>First Sample Examined:</b> 2290
<b>Lease Number:</b> G06358	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13728
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13040
<b>API Well Number:</b> 608074005900	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2290 - 13720	<b>Water Depth:</b> 718
<b>Public Info Code:</b> Y 26-SEP-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2290 / 2289	DEF AT first sample examined	DEF AT
3010 / 3008	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
3100 / 3097	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
3190 / 3186	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3610 / 3591	DEF AT local marker floral decrease	DEF AT
3790 / 3759	DEF AT local marker floral increase	DEF AT
4390 / 4311	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
4810 / 4703	DEF AT local marker floral decrease	DEF AT
4840 / 4731	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5020 / 4899	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
6190 / 5995	DEF AT local marker floral decrease	DEF AT
10810 /10348	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11110 /10626	DEF AT local marker floral decrease	DEF AT
11710 /11175	DEF AT local marker floral increase	DEF AT
11890 /11341	DEF AT local marker floral decrease	DEF AT
12910 /12284	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13210 /12562	POS AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
13690 /13005	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 189	Date of Summary: 06-SEP-1989	First Sample Examined: 2290
Lease Number: G06358	Source of Paleo: OPERATOR	Borehole MD: 13728
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13040
API Well Number: 608074005900	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2290 - 13720	Water Depth: 718
Public Info Code: Y 26-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2290 / 2289	DEF AT first sample examined	DEF AT 2
2350 / 2349	DEF AT -----	DEF AT 1
2890 / 2888	DEF AT local marker foram increase	DEF AT 3
3040 / 3038	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3490 / 3477	DEF AT -----	DEF AT 3
3670 / 3648	DEF IN Illinoian fauna (local marker)	DEF AT 4
3880 / 3842	DEF AT -----	DEF AT 3
4360 / 4284	DEF AT local marker foram increase	DEF AT 4
4480 / 4395	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4600 / 4507	DEF AT -----	DEF AT 3
4810 / 4703	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
5080 / 4955	DEF AT -----	DEF AT 3
5530 / 5376	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7240 / 6970	DEF AT transported shelf fauna	POS AT 3
7750 / 7446	DEF AT -----	DEF AT 3
8080 / 7757	DEF AT -----	DEF AT 4
8290 / 7956	DEF AT -----	DEF AT 2
8500 / 8155	DEF AT -----	DEF AT 3
8920 / 8555	DEF AT local marker benthic foram increase	DEF AT 4
8950 / 8583	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
9100 / 8726	DEF AT -----	DEF AT 3
9280 / 8898	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 189	Date of Summary: 06-SEP-1989	First Sample Examined: 2290
Lease Number: G06358	Source of Paleo: OPERATOR	Borehole MD: 13728
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13040
API Well Number: 608074005900	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2290 - 13720	Water Depth: 718
Public Info Code: Y 26-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9340 / 8955	DEF AT -----	DEF AT 3
10090 / 9667	DEF AT -----	DEF AT 4
10180 / 9752	DEF AT -----	DEF AT 3
10240 / 9809	DEF AT -----	DEF AT 4
10690 /10235	DEF AT -----	DEF AT 3
10780 /10320	DEF AT -----	DEF AT 4
10840 /10376	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10930 /10460	DEF AT -----	DEF AT 3
10960 /10488	DEF AT -----	DEF AT 4
10990 /10515	DEF AT -----	DEF AT 3
11200 /10709	DEF AT -----	DEF AT 4
11680 /11148	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
11890 /11341	DEF AT -----	DEF AT 3
12280 /11700	DEF AT -----	DEF AT 4
12880 /12256	DEF AT -----	DEF AT 3
13450 /12784	DEF AT -----	DEF AT 4
13540 /12867	DEF AT -----	DEF AT 3
13720 /13032	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 191	Date of Summary: 15-AUG-1991	First Sample Examined: 4500
Lease Number: G11458	Source of Paleo: OPERATOR	Borehole MD: 13347
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9812
API Well Number: 608074062400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4500 - 13320	Water Depth: 720
Public Info Code: Y 01-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4048	DEF AT first sample examined	DEF AT 4
4501 / 4048	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
6150 / 5112	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6690 / 5460	DEF AT -----	DEF AT 3
7860 / 6181	DEF AT -----	DEF AT 2
8400 / 6515	DEF AT -----	DEF AT 3
11490 / 8534	DEF AT -----	DEF AT 2
13320 / 9792	DEF AT last sample examined	DEF AT 2

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 191	Date of Summary: 15-AUG-1991	First Sample Examined: 1560
Lease Number: G11458	Source of Paleo: OPERATOR	Borehole MD: 14756
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12079
API Well Number: 608074006400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1560 - 14730	Water Depth: 721
Public Info Code: Y 01-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT first sample examined	DEF AT 3
2040 / 2040	DEF AT -----	DEF AT 2
3000 / 3000	DEF AT -----	DEF AT 3
3060 / 3060	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5160 / 4794	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6300 / 5497	DEF AT -----	DEF AT 3
6420 / 5572	DEF AT -----	DEF AT 2
8610 / 6950	DEF AT -----	DEF AT 3
8910 / 7155	DEF AT -----	DEF AT 4
9000 / 7218	DEF AT -----	DEF AT 3
9240 / 7390	DEF AT -----	DEF AT 2
11880 / 9542	DEF AT -----	DEF AT 3
12270 / 9872	DEF AT -----	DEF AT 2
14400 /11743	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
14730 /12048	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 208	Date of Summary: 01-NOV-1991	First Sample Examined: 3000
Lease Number: G08222	Source of Paleo: OPERATOR	Borehole MD: 14732
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14266
API Well Number: 608074008700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 3000 - 14730	Water Depth: 1270
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Plio-Pleistocene reworking from 10350 to 10650 and 11520 to 11670, foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF IN 4
4020 / 4020	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4500 / 4500	POS AT gouge	DEF AT 5
4501 / 4501	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
4530 / 4530	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
5250 / 5250	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5880 / 5880	DEF AT - - - - -	DEF AT 5
7800 / 7800	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8310 / 8310	DEF AT - - - - -	DEF AT 4
10350 /10349	DEF AT reworked material	DEF AT 5
10530 /10529	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11520 /11506	DEF AT reworked material	DEF AT 5
11700 /11679	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
13080 /12922	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14730 /14266	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 208	Date of Summary: 01-NOV-1991	First Sample Examined: 3000
Lease Number: G08222	Source of Paleo: OPERATOR	Borehole MD: 14732
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14266
API Well Number: 608074008700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 3000 - 14700	Water Depth: 1270
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT
4260 / 4260	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4530 / 4530	DEF AT gouge	DEF AT
5250 / 5250	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7770 / 7770	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10410 /10409	DEF AT out-of-place section	DEF AT
10500 /10499	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11670 /11650	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11760 /11736	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13170 /12995	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13320 /13116	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14700 /14240	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 208	Date of Summary: 01-NOV-1991	First Sample Examined: 14610
Lease Number: G08222	Source of Paleo: OPERATOR	Borehole MD: 16600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15762
API Well Number: 608074008701	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 14610 - 16600	Water Depth: 1270
Public Info Code: Y 30-APR-1995	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>
14610 /14133	DEF AT first sample examined	DEF AT 5
14700 /14203	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15690 /15002	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15810 /15101	DEF AT -----	DEF AT 6
16600 /15762	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 208	Date of Summary: 01-NOV-1991	First Sample Examined: 14610
Lease Number: G08222	Source of Paleo: OPERATOR	Borehole MD: 16600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15762
API Well Number: 608074008701	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 14610 - 16600	Water Depth: 1270
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14610 /14133	DEF AT first sample examined	DEF AT
15060 /14489	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15360 /14732	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
15540 /14878	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
15750 /15051	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
15930 /15201	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
16600 /15762	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 208	Date of Summary: 03-DEC-1991	First Sample Examined: 3560
Lease Number: G08222	Source of Paleo: OPERATOR	Borehole MD: 8278
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7805
API Well Number: 608074008702	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 3560 - 8277	Water Depth: 1270
Public Info Code: Y 30-APR-1995	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>
3560 / 3560	DEF AT first sample examined	DEF AT
3561 / 3561	DEF AT cement	DEF AT
4010 / 4009	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4370 / 4365	POS AT gouge	DEF AT 5
4371 / 4366	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
4460 / 4453	POS AT gouge	DEF AT 5
4461 / 4454	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
4550 / 4541	DEF AT - - - - -	DEF AT 6
5360 / 5318	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5990 / 5889	DEF AT - - - - -	DEF AT 5
7550 / 7211	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisces (acme "A")	DEF AT 5
8277 / 7805	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 208	<b>Date of Summary:</b> 04-DEC-1991	<b>First Sample Examined:</b> 3560
<b>Lease Number:</b> G08222	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8278
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7805
<b>API Well Number:</b> 608074008702	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3560 - 8278	<b>Water Depth:</b> 1270
<b>Public Info Code:</b> Y 30-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3560	DEF AT first sample examined	DEF AT
4460 / 4453	DEF AT out-of-place section	DEF AT
5540 / 5485	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7550 / 7211	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7580 / 7236	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8278 / 7806	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 212	Date of Summary: 10-AUG-1994	First Sample Examined: 2670
Lease Number: G13813	Source of Paleo: OPERATOR	Borehole MD: 20340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19161
API Well Number: 608074012300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2670 - 20340	Water Depth: 1474
Public Info Code: Y 26-SEP-1997	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>
2670 / 2670	DEF AT first sample examined	DEF AT 4
2940 / 2940	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3690 / 3690	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
6660 / 6660	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9050 / 9050	DEF AT -----	DEF AT 5
9110 / 9110	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
9170 / 9170	DEF AT -----	DEF AT 4
11510 /11509	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
11630 /11629	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
11810 /11809	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12290 /12289	DEF AT -----	DEF AT 5
12410 /12409	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
12560 /12559	DEF AT -----	DEF AT 4
13160 /13157	DEF AT -----	DEF AT 5
13280 /13275	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
13340 /13333	DEF AT -----	DEF AT 4
14360 /14245	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14390 /14270	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
16040 /15649	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
17090 /16550	DEF AT -----	DEF AT 5
17420 /16835	DEF AT -----	DEF AT 4
18320 /17595	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 212	Date of Summary: 10-AUG-1994	First Sample Examined: 2670
Lease Number: G13813	Source of Paleo: OPERATOR	Borehole MD: 20340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19161
API Well Number: 608074012300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2670 - 20340	Water Depth: 1474
Public Info Code: Y 26-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18440 /17691	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
18560 /17789	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
19760 /18737	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
20340 /19161	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 224	Date of Summary: 06-SEP-1984	First Sample Examined: 1830
Lease Number: G06364	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: WAYNE CAMPBELL	Borehole TVD: 15984
API Well Number: 608074060200	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1830 - 15990	Water Depth: 741
Public Info Code: Y 20-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1830 / 1830	DEF AT first sample examined	DEF IN 3
3030 / 3030	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3090 / 3090	DEF AT local marker deep water fauna	DEF AT 6
3540 / 3540	DEF AT faunal change (no faunal increase)	DEF AT 5
3690 / 3690	DEF AT faunal change (no faunal increase)	DEF AT 4
4350 / 4350	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
4410 / 4410	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4590 / 4590	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5520 / 5519	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8519 / 8517	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8520 / 8518	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8700 / 8698	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11160 /11158	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13530 /13526	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
13710 /13705	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13770 /13764	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13800 /13794	DEF AT local marker foram decrease	DEF AT 5
14399 /14392	DEF AT Bathysiphon fauna	DEF AT 5
14400 /14393	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
14550 /14543	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
14580 /14573	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
14970 /14963	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 224	<b>Date of Summary:</b> 06-SEP-1984	<b>First Sample Examined:</b> 1830
<b>Lease Number:</b> G06364	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> WAYNE CAMPBELL	<b>Borehole TVD:</b> 15984
<b>API Well Number:</b> 608074060200	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1830 - 15990	<b>Water Depth:</b> 741
<b>Public Info Code:</b> Y 20-SEP-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15120 /15113	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15210 /15202	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
15330 /15322	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15360 /15352	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
15990 /15975	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 224	<b>Date of Summary:</b> 02-MAY-1985	<b>First Sample Examined:</b> 3425
<b>Lease Number:</b> G06364	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9500
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9500
<b>API Well Number:</b> 608074060600	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3425 - 9500	<b>Water Depth:</b> 808
<b>Public Info Code:</b> Y 14-MAY-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3425 / 3425	DEF AT first sample examined	DEF IN 5
4750 / 4750	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
9500 / 9500	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 224	<b>Date of Summary:</b> 02-MAY-1985	<b>First Sample Examined:</b> 6810
<b>Lease Number:</b> G06364	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9018
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8207
<b>API Well Number:</b> 608074060601	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6810 - 9018	<b>Water Depth:</b> 808
<b>Public Info Code:</b> Y 29-MAY-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6810 / 6809	DEF AT first sample examined	DEF IN 5
9018 / 8205	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 224	<b>Date of Summary:</b> 30-MAY-1985	<b>First Sample Examined:</b> 1830
<b>Lease Number:</b> G06364	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8831
<b>Well Name:</b> 004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8831
<b>API Well Number:</b> 608074060900	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1830 - 8831	<b>Water Depth:</b> 714
<b>Public Info Code:</b> Y 26-JUN-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1830 / 1830	DEF AT first sample examined	DEF IN 3
2700 / 2700	DEF AT - - - - -	DEF AT 4
2940 / 2940	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4140 / 4139	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
4260 / 4259	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4740 / 4739	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4800 / 4799	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7290 / 7289	DEF AT poor sample interval top	POS AT 5
7890 / 7889	DEF AT poor sample interval bottom	POS AT 5
8831 /	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 235	<b>Date of Summary:</b> 08-JUN-1993	<b>First Sample Examined:</b> 3420
<b>Lease Number:</b> G12645	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12211
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9684
<b>API Well Number:</b> 608074011800	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3420 - 12210	<b>Water Depth:</b> 787
<b>Public Info Code:</b> Y 26-SEP-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 3369	DEF AT first sample examined	POS AT 4
3421 / 3370	DEF AT poor sample interval top	POS AT 4
4170 / 4001	DEF AT poor sample interval bottom	DEF AT 4
4380 / 4154	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
4470 / 4218	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5250 / 4771	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5640 / 5045	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
11940 / 9488	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
12150 / 9640	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12210 / 9683	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 235	<b>Date of Summary:</b> 08-JUN-1993	<b>First Sample Examined:</b> 8700
<b>Lease Number:</b> G12645	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12211
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9684
<b>API Well Number:</b> 608074011800	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3510 - 12210	<b>Water Depth:</b> 787
<b>Public Info Code:</b> Y 26-SEP-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8700 / 7202	DEF AT first sample examined	DEF AT
11910 / 9467	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
12180 / 9661	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12210 / 9683	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 235	<b>Date of Summary:</b> 18-AUG-1993	<b>First Sample Examined:</b> 7520
<b>Lease Number:</b> G12645	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13566
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9383
<b>API Well Number:</b> 608074012100	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 83
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7520 - 12830	<b>Water Depth:</b> 785
<b>Public Info Code:</b> Y 26-SEP-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 / 6534	DEF AT first sample examined	DEF AT 4
7521 / 6534	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7522 / 6535	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7700 / 6618	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
9560 / 7478	DEF AT local marker deep water fauna	DEF AT 5
9710 / 7547	POS AT local marker foram decrease	DEF AT 4
9770 / 7575	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "A")	DEF AT 4
11690 / 8476	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 4
12830 / 9025	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 235	Date of Summary: 19-AUG-1993	First Sample Examined: 7520
Lease Number: G12645	Source of Paleo: OPERATOR	Borehole MD: 13566
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9383
API Well Number: 608074012100	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 7520 - 12830	Water Depth: 785
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 / 6534	DEF AT first sample examined	DEF AT
7521 / 6534	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7700 / 6618	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
8840 / 7152	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
9350 / 7384	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
12830 / 9025	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 235	Date of Summary: 18-AUG-1993	First Sample Examined: 11510
Lease Number: G12645	Source of Paleo: OPERATOR	Borehole MD: 14667
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9984
API Well Number: 608074012101	Drilling Operator: NERCO ENERGY CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 11510 - 14000	Water Depth: 781
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Calcareous nannofossil report for sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 / 8670	DEF AT first sample examined	DEF AT
12201 / 8670	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
13550 / 9317	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 235	<b>Date of Summary:</b> 19-AUG-1993	<b>First Sample Examined:</b> 12200
<b>Lease Number:</b> G12645	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14667
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9984
<b>API Well Number:</b> 608074012101	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 12200 - 13550	<b>Water Depth:</b> 781
<b>Public Info Code:</b> Y 26-SEP-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report for sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 / 8670	DEF AT first sample examined	DEF AT
12201 / 8670	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
13550 / 9317	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 235	<b>Date of Summary:</b> 12-OCT-1993	<b>First Sample Examined:</b> 12200
<b>Lease Number:</b> G12645	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14667
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9984
<b>API Well Number:</b> 608074012101	<b>Drilling Operator:</b> LLECO HOLDINGS INC.	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 12200 - 13550	<b>Water Depth:</b> 781
<b>Public Info Code:</b> Y 26-SEP-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Foram report for sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 / 8670	DEF AT first sample examined	DEF AT 4
12201 / 8670	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
13190 / 9098	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13250 / 9131	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
13550 / 9317	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 235	Date of Summary: 12-OCT-1993	First Sample Examined: 11510
Lease Number: G12645	Source of Paleo: OPERATOR	Borehole MD: 14667
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9984
API Well Number: 608074012101	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 11510 - 14000	Water Depth: 781
Public Info Code: Y 28-SEP-1995	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>
11510 / 8386	DEF AT first sample examined	DEF AT 4
14000 / 9586	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 240	Date of Summary: 14-JAN-1990	First Sample Examined: 4100
Lease Number: G10342	Source of Paleo: OPERATOR	Borehole MD: 12189
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12147
API Well Number: 608074005700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4100 - 12189	Water Depth: 832
Public Info Code: Y 13-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 4100	DEF AT first sample examined	DEF AT 5
4400 / 4400	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8270 / 8229	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10460 /10419	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
12189 /12148	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 253  
Lease Number: G08226  
Well Name: 001  
API Well Number: 608074012200  
Paleo Report Num: 1 of 4  
Public Info Code: Y 30-APR-1995

Date of Summary: 23-NOV-1993  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARATHON PETROLEUM COMPANY  
Sample Range: 4500 - 18867  
Ecozone Eq MMS: Y

First Sample Examined: 4500  
Borehole MD: 20595  
Borehole TVD: 19516  
Rkb Elevation: 84  
Water Depth: 1419  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4495	DEF AT first sample examined	DEF AT 4
4620 / 4615	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4710 / 4705	DEF AT faunal change (no faunal increase)	DEF AT 5
5000 / 4995	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
11330 /11277	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
14750 /14057	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
17270 /16331	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
18620 /17585	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
18867 /17817	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 253	Date of Summary: 23-NOV-1993	First Sample Examined: 4530
Lease Number: G08226	Source of Paleo: OPERATOR	Borehole MD: 20595
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19516
API Well Number: 608074012200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 2 of 4	Sample Range: 4530 - 18867	Water Depth: 1419
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4530 / 4525	DEF AT first sample examined	DEF AT
5060 / 5055	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6890 / 6884	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9170 / 9162	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9230 / 9222	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11330 /11277	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12980 /12600	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13670 /13150	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14210 /13592	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
14750 /14057	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14810 /14110	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
17270 /16331	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
18110 /17106	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
18170 /17162	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
18620 /17585	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
18867 /17817	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 253  
Lease Number: G08226  
Well Name: 001  
API Well Number: 608074012200  
Paleo Report Num: 3 of 4  
Public Info Code: Y 30-APR-1995

Date of Summary: 23-NOV-1993  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARATHON PETROLEUM COMPANY  
Sample Range: 18400 - 20595  
Ecozone Eq MMS: Y

First Sample Examined: 18400  
Borehole MD: 20595  
Borehole TVD: 19516  
Rkb Elevation: 84  
Water Depth: 1419  
Paleo ID: 003

Remark: Redrill report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18400 /17378	DEF AT first sample examined	DEF AT 5
18950 /17895	DEF AT anhydrite	DEF AT 5
18951 /17896	POS AT domal material	DEF AT
20300 /19224	DEF AT sample gap top	DEF AT
20420 /19344	DEF AT sample gap bottom	DEF AT
20595 /19519	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 253	<b>Date of Summary:</b> 23-NOV-1993	<b>First Sample Examined:</b> 18400
<b>Lease Number:</b> G08226	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 20595
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 19516
<b>API Well Number:</b> 608074012200	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 18400 - 20595	<b>Water Depth:</b> 1419
<b>Public Info Code:</b> Y 30-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

**Remark:** Redrill calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18400 /17378	DEF AT first sample examined	DEF AT
18700 /17660	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
18920 /17867	DEF AT out-of-place section	DEF AT
20300 /19224	DEF AT sample gap top	DEF AT
20420 /19344	DEF AT sample gap bottom	DEF AT
20509 /19433	DEF IN condensed section	DEF AT
20510 /19434	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
20595 /19519	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 269  
Lease Number: G12644  
Well Name: 001  
API Well Number: 608074062800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 09-SEP-1998

Date of Summary: 14-OCT-1996  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TEXACO EXPLORATION AND PROD  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 16925  
Borehole TVD: 15995  
Rkb Elevation: 85  
Water Depth: 1102  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3420 / 3420	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4950 / 4950	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
8730 / 8729	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
11580 /11569	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
12060 /12025	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
15630 /14935	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
16560 /15694	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
16590 /15719	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
16650 /15768	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 269	<b>Date of Summary:</b> 18-AUG-1998	<b>First Sample Examined:</b> 9580
<b>Lease Number:</b> G12644	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14604
<b>Well Name:</b> 001	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 13465
<b>API Well Number:</b> 608074062801	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9580 - 14500	<b>Water Depth:</b> 1102
<b>Public Info Code:</b> Y 09-SEP-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9580 / 9579	DEF AT first sample examined	DEF AT
10180 /10161	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10240 /10218	DEF AT local marker floral increase	DEF AT
10900 /10814	DEF AT floral flood	DEF AT
11680 /11376	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12160 /11716	DEF AT local marker floral increase	DEF AT
12220 /11758	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri (increase)	DEF AT
14260 /13219	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14500 /13390	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 269	<b>Date of Summary:</b> 29-AUG-1998	<b>First Sample Examined:</b> 9580
<b>Lease Number:</b> G12644	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14604
<b>Well Name:</b> 001	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 13465
<b>API Well Number:</b> 608074062801	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 9580 - 14500	<b>Water Depth:</b> 1102
<b>Public Info Code:</b> Y 09-SEP-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9580 / 9579	DEF AT first sample examined	POS AT 4
10210 /10189	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
10240 /10218	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10870 /10789	DEF AT local marker foram increase	DEF AT 4
11140 /11004	DEF AT pyrite	DEF AT 4
11170 /11026	DEF AT faunal change (no faunal increase)	DEF AT 4
11230 /11069	DEF AT faunal change (no faunal increase)	POS AT 4
11680 /11376	DEF AT local marker foram increase	DEF AT 4
11710 /11397	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
11830 /11482	DEF AT transported inner shelf facies	POS AT 2
12130 /11694	DEF AT transported inner shelf facies	POS AT 2
12190 /11737	DEF AT local marker deep water fauna	DEF AT 5
14230 /13197	DEF AT faunal change (no faunal increase)	DEF AT 4
14500 /13390	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 269	<b>Date of Summary:</b> 05-MAR-1998	<b>First Sample Examined:</b> 6380
<b>Lease Number:</b> G12644	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7275
<b>Well Name:</b> 002	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 7077
<b>API Well Number:</b> 608074064300	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6380 - 7340	<b>Water Depth:</b> 970
<b>Public Info Code:</b> Y 09-SEP-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Mosquito Hawk Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 6265	DEF AT first sample examined	DEF AT
6381 / 6266	DEF IN Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
7340 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 269	<b>Date of Summary:</b> 01-APR-1998	<b>First Sample Examined:</b> 2330
<b>Lease Number:</b> G12644	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7275
<b>Well Name:</b> 002	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 7077
<b>API Well Number:</b> 608074064300	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2330 - 7280	<b>Water Depth:</b> 970
<b>Public Info Code:</b> Y 09-SEP-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Mosquito Hawk Prospect, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 / 2330	DEF AT first sample examined	DEF AT 2
2331 / 2331	DEF IN Illinoian fauna (local marker)	DEF AT 2
2810 / 2810	DEF AT local marker benthic foram increase	DEF IN 1
3140 / 3140	DEF AT faunal change (no faunal increase)	DEF AT 2
3290 / 3290	DEF AT local marker foram decrease	DEF IN 1
3590 / 3589	DEF AT faunal change (no faunal increase)	DEF AT 2
3680 / 3679	DEF AT Lower Pleistocene (Calabrian) <i>Stilostomella antillea</i>	DEF AT 3
3710 / 3709	DEF AT faunal change (no faunal increase)	DEF IN 2
3740 / 3739	DEF AT faunal change (no faunal increase)	DEF AT 3
4100 / 4099	DEF IN Lower Pleistocene (Calabrian) <i>Stilostomella antillea</i>	DEF IN 3
4280 / 4279	DEF AT local marker benthic foram increase	DEF IN 3
4340 / 4339	DEF AT limestone	DEF IN 3
4400 / 4399	DEF AT faunal change (no faunal increase)	DEF AT 2
4520 / 4518	DEF AT faunal change (no faunal increase)	DEF IN 3
4550 / 4548	POS AT Lower Pleistocene (Calabrian) <i>Hyalinea "B" = Trimosina "B"</i>	DEF AT 3
4880 / 4876	DEF AT faunal change (no faunal increase)	DEF AT 2
5450 / 5421	DEF AT Lower Pleistocene (Calabrian) <i>Hyalinea "B" = Trimosina "B"</i>	DEF AT 3
5720 / 5668	DEF AT faunal change (no faunal increase)	DEF IN 2
6140 / 6048	DEF AT Lower Pleistocene (Calabrian) <i>Sphaeroidinella dehisces (acme "B")</i>	DEF AT 3
7280 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 269	<b>Date of Summary:</b> 05-MAR-1998	<b>First Sample Examined:</b> 7340
<b>Lease Number:</b> G12644	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12654
<b>Well Name:</b> 002	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 11985
<b>API Well Number:</b> 608074064301	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7340 - 12620	<b>Water Depth:</b> 970
<b>Public Info Code:</b> Y 09-SEP-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Mosquito Hawk Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7340 / 7145	DEF AT first sample examined	DEF AT
7460 / 7252	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7520 / 7306	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8600 / 8281	DEF AT local marker floral increase	DEF AT
9500 / 9099	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11570 /10991	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12230 /11598	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
12620 /11954	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 269	<b>Date of Summary:</b> 04-APR-1998	<b>First Sample Examined:</b> 6440
<b>Lease Number:</b> G12644	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12654
<b>Well Name:</b> 002	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 11985
<b>API Well Number:</b> 608074064301	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6440 - 12650	<b>Water Depth:</b> 970
<b>Public Info Code:</b> Y 09-SEP-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Mosquito Hawk Prospect, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 / 6335	DEF AT first sample examined	DEF AT 2
7430 / 7225	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
7580 / 7360	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7790 / 7548	DEF AT faunal change (no faunal increase)	DEF AT 2
8180 / 7898	DEF AT local marker foram increase	DEF AT 2
8570 / 8254	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
8720 / 8390	DEF AT local marker benthic foram increase	DEF AT 3
8930 / 8581	DEF AT local marker foram increase	DEF AT 3
9470 / 9072	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9590 / 9181	DEF AT faunal change (no faunal increase)	DEF AT 3
9770 / 9346	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9920 / 9484	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10010 / 9567	DEF AT cement	DEF AT 3
10970 /10444	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
11540 /10964	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 3
12200 /11570	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
12410 /11762	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
12650 /11981	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 275	<b>Date of Summary:</b> 01-JUL-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G15868	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9698
<b>API Well Number:</b> 608074063000	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 79
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 625
<b>Public Info Code:</b> Y 29-OCT-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5160 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
5250 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6180 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7860 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8280 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8520 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8700 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 279	Date of Summary: 27-OCT-1995	First Sample Examined: 0
Lease Number: G12645	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13761
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13758
API Well Number: 608074014100	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 858
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 4330	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6710 / 6709	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10820 /10817	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
11470 /11467	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 280	Date of Summary: 14-OCT-1999	First Sample Examined: 3945
Lease Number: G14944	Source of Paleo: OPERATOR	Borehole MD: 5981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5981
API Well Number: 608074082300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3945 - 5980	Water Depth: 582
Public Info Code: Y 30-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3945 / 3945	DEF AT first sample examined	DEF AT 5
4260 / 4260	DEF AT faunal change (no faunal increase)	DEF IN 5
4410 / 4410	DEF AT sample gap top	DEF AT
4680 / 4680	DEF AT sample gap bottom	DEF AT
4770 / 4770	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
4890 / 4890	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
5160 / 5160	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
5490 / 5490	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
5520 / 5520	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
5980 / 5974	DEF AT last sample examined	DEF IN 5

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 280	<b>Date of Summary:</b> 14-OCT-1999	<b>First Sample Examined:</b> 3945
<b>Lease Number:</b> G14944	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 5981
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 5981
<b>API Well Number:</b> 608074082300	<b>Drilling Operator:</b> LOUISIANA LAND AND EXPLORATION COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3945 - 4020	<b>Water Depth:</b> 582
<b>Public Info Code:</b> Y 30-SEP-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3945 / 3945	DEF AT first sample examined	DEF AT
4020 / 4020	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4170 / 4170	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4410 / 4410	DEF AT sample gap top	DEF AT
4680 / 4680	DEF AT sample gap bottom	DEF AT
4770 / 4770	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
4860 / 4860	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
5100 / 5100	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
5220 / 5220	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5490 / 5490	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
5980 / 5974	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 302	Date of Summary: 28-FEB-1991	First Sample Examined: 3770
Lease Number: G09223	Source of Paleo: OPERATOR	Borehole MD: 14906
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14906
API Well Number: 608074080700	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 3	Sample Range: 3770 - 14890	Water Depth: 2411
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3770 / 3770	DEF AT first sample examined	DEF AT 4
5950 / 5950	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
6100 / 6100	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8140 / 8140	DEF AT poor sample interval top	POS AT 4
8860 / 8860	DEF AT poor sample interval bottom	DEF AT 1
11500 /11499	DEF AT faunal change (no faunal increase)	DEF AT 3
12730 /12729	DEF AT faunal change (no faunal increase)	DEF AT 4
12910 /12909	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
13030 /13029	DEF AT faunal change (no faunal increase)	DEF AT 2
13210 /13209	DEF AT faunal change (no faunal increase)	DEF AT 4
13840 /13839	DEF AT faunal change (no faunal increase)	DEF AT 2
14199 /14197	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
14200 /14198	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
14260 /14258	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
14350 /14348	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
14380 /14378	POS AT salt	POS AT 4
14890 /14887	DEF AT last sample examined	POS AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 302	Date of Summary: 02-MAR-1991	First Sample Examined: 3770
Lease Number: G09223	Source of Paleo: OPERATOR	Borehole MD: 14906
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 14906
API Well Number: 608074080700	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 2 of 3	Sample Range: 3770 - 14860	Water Depth: 2411
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5150 / 5150	DEF AT first sample examined	DEF AT
5151 / 5151	POS IN Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
5180 / 5180	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5920 / 5920	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
11770 /11769	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
13480 /13479	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13690 /13689	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14200 /14198	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
14230 /14228	DEF AT Lower Pliocene (Zanclian) Discoaster variabilis	DEF AT
14440 /14438	DEF AT reworked material	DEF AT
14499 /14497	DEF AT reworked material	DEF AT
14500 /14498	POS AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
14860 /14857	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 302  
Lease Number: G09223  
Well Name: 001  
API Well Number: 608074080700  
Paleo Report Num: 3 of 3  
Public Info Code: Y 30-SEP-1995

Date of Summary: 17-APR-1992  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: ROBERT WITROCK  
Drilling Operator: CONOCO INC  
Sample Range: 3770 - 14890  
Ecozone Eq MMS: Y

First Sample Examined: 3770  
Borehole MD: 14906  
Borehole TVD: 14906  
Rkb Elevation: 79  
Water Depth: 2411  
Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3770	DEF AT first sample examined	DEF AT 4
3771 / 3771	DEF AT gray shale	DEF AT 4
3772 / 3772	DEF AT local marker foram increase	DEF AT 4
3830 / 3830	DEF AT local marker foram decrease	DEF AT 4
3950 / 3950	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4100 / 4100	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4130 / 4130	DEF AT foram flood	DEF IN 4
4280 / 4280	POS AT local marker foram decrease	DEF IN 4
5180 / 5180	DEF AT local marker planktic foram increase	DEF AT 5
5300 / 5300	DEF AT drilling material	DEF AT 4
5330 / 5330	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
5800 / 5800	DEF AT local marker foram increase	DEF AT 4
5830 / 5830	DEF AT gray shale	DEF AT 4
5860 / 5860	DEF AT local marker foram decrease	DEF AT 4
5950 / 5950	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiszens (acme "A")	DEF AT 5
6100 / 6100	DEF AT local marker planktic foram increase	DEF AT 5
6160 / 6160	DEF AT local marker foram decrease	POS AT 5
6789 / 6789	DEF AT gray shale	DEF AT 5
6790 / 6790	DEF AT local marker foram increase	DEF AT 5
6850 / 6850	DEF AT local marker foram decrease	POS AT 5
6970 / 6970	DEF AT cement	POS AT 5
7120 / 7120	POS AT local marker foram increase	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 302  
Lease Number: G09223  
Well Name: 001  
API Well Number: 608074080700  
Paleo Report Num: 3 of 3  
Public Info Code: Y 30-SEP-1995

Date of Summary: 17-APR-1992  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: ROBERT WITROCK  
Drilling Operator: CONOCO INC  
Sample Range: 3770 - 14890  
Ecozone Eq MMS: Y

First Sample Examined: 3770  
Borehole MD: 14906  
Borehole TVD: 14906  
Rkb Elevation: 79  
Water Depth: 2411  
Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 7450	DEF AT local marker foram increase	DEF AT 4
7630 / 7630	DEF AT local marker foram decrease	POS AT 4
7960 / 7960	DEF AT gray shale	DEF AT 4
8050 / 8050	DEF AT cement	POS AT 4
8170 / 8170	DEF AT gray shale	POS AT 4
8920 / 8920	DEF AT cement	POS AT 4
9670 / 9670	DEF AT drilling material	POS AT 4
10210 /10209	DEF AT gray shale	POS AT 4
10330 /10329	DEF AT drilling material	POS AT 4
10510 /10509	DEF AT gray shale	POS AT 4
11890 /11889	DEF AT drilling material	POS AT 4
12880 /12879	DEF AT drilling material	POS AT 4
12910 /12909	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12940 /12939	DEF AT gray shale	DEF AT 5
13480 /13479	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
14200 /14198	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
14230 /14228	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
14260 /14258	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
14349 /14347	DEF AT gouge	DEF AT 5
14350 /14348	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
14380 /14378	DEF AT gypsum	POS AT 5
14381 /14379	DEF AT salt	POS AT 5
14860 /14857	DEF IN salt	POS AT 5
14890 /14887	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 388	<b>Date of Summary:</b> 29-JUN-1989	<b>First Sample Examined:</b> 3600
<b>Lease Number:</b> G07486	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9091
<b>Well Name:</b> SA001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9091
<b>API Well Number:</b> 608074005400	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3600 - 9090	<b>Water Depth:</b> 2097
<b>Public Info Code:</b> Y 15-APR-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF IN 5
3720 / 3720	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 5
3960 / 3960	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 5
4680 / 4680	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF IN 5
6660 / 6660	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
8040 / 8040	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF IN 5
9010 / 9010	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
9059 / 9059	DEF AT domal material	DEF IN 5
9060 / 9060	DEF AT anhydrite	DEF IN 5
9101 /	DEF AT last sample examined	DEF IN 5

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 388	Date of Summary: 01-JAN-1990	First Sample Examined: 3730
Lease Number: G08232	Source of Paleo: OPERATOR	Borehole MD: 16612
Well Name: SA003	Paleo Done By: OPERATOR	Borehole TVD: 14695
API Well Number: 608074005600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3730 - 16612	Water Depth: 2097
Public Info Code: Y 11-OCT-1999	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>
3730 / 3730	DEF AT first sample examined	DEF AT 5
3970 / 3967	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4000 / 3997	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
4450 / 4429	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 5
4800 / 4755	DEF AT -----	DEF AT 6
5130 / 5035	DEF AT -----	DEF AT 5
7210 / 6746	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7690 / 7130	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 5
11350 /10123	DEF AT -----	DEF AT 6
11530 /10270	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 6
11560 /10295	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 6
12250 /10858	DEF AT -----	DEF AT 5
13060 /11533	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
13120 /11584	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
13240 /11687	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
13250 /11696	DEF AT -----	DEF AT 6
13600 /11997	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 6
13690 /12074	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
14000 /12339	DEF AT -----	DEF AT 5
14890 /13107	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15490 /13653	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
15573 /13730	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 388	<b>Date of Summary:</b> 01-JAN-1990	<b>First Sample Examined:</b> 3730
<b>Lease Number:</b> G08232	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16612
<b>Well Name:</b> SA003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14695
<b>API Well Number:</b> 608074005600	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3730 - 16612	<b>Water Depth:</b> 2097
<b>Public Info Code:</b> Y 11-OCT-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16000 /14125	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
16100 /14217	DEF AT - - - - -	DEF AT 6
16120 /14236	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
16390 /14486	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
16420 /14514	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 6
16612 /14692	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 426	Date of Summary: 02-OCT-1989	First Sample Examined: 4510
Lease Number: G08241	Source of Paleo: OPERATOR	Borehole MD: 17766
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17408
API Well Number: 608074003700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4510 - 17760	Water Depth: 2837
Public Info Code: Y 24-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4510	DEF AT first sample examined	POS AT 4
4600 / 4600	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
11910 /11906	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
13920 /13827	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
15870 /15609	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
15960 /15692	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
16530 /16227	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
17490 /17142	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
17760 /17402	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 426	Date of Summary: 02-OCT-1989	First Sample Examined: 11650
Lease Number: G08241	Source of Paleo: OPERATOR	Borehole MD: 20301
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19938
API Well Number: 608074003701	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11650 - 20301	Water Depth: 2837
Public Info Code: Y 03-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11650 /11636	DEF AT first sample examined	DEF AT 4
12130 /12095	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
15800 /15517	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
16010 /15720	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
16340 /16041	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
18200 /17871	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
20301 /19938	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 451	Date of Summary: 21-APR-1998	First Sample Examined: 5200
Lease Number: G15898	Source of Paleo: OPERATOR	Borehole MD: 9550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7453
API Well Number: 608074064400	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2950 - 9550	Water Depth: 1683
Public Info Code: Y 28-OCT-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5200	DEF AT first sample examined	DEF AT
5680 / 5677	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
8020 / 7758	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9550 / 9058	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 451	Date of Summary: 22-APR-1998	First Sample Examined: 5200
Lease Number: G15898	Source of Paleo: OPERATOR	Borehole MD: 9550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7453
API Well Number: 608074064400	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2950 - 9500	Water Depth: 1683
Public Info Code: Y 28-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5200	DEF AT first sample examined	DEF AT
5440 / 5439	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
5650 / 5648	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
5680 / 5677	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
7600 / 7398	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
7690 / 7476	DEF AT local marker benthic foram increase	DEF AT
7780 / 7553	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
7900 / 7656	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT
7960 / 7707	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT
9500 / 9014	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GB 451	<b>Date of Summary:</b> 21-APR-1998	<b>First Sample Examined:</b> 8970
<b>Lease Number:</b> G15898	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19409
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18299
<b>API Well Number:</b> 608074064402	<b>Drilling Operator:</b> SHELL DEEPWATER DEVELOPMENT INC	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8970 - 19409	<b>Water Depth:</b> 1673
<b>Public Info Code:</b> Y 28-OCT-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 / 8511	DEF AT first sample examined	DEF AT
8971 / 8512	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
11189 /10451	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11190 /10452	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
12420 /11523	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
17790 /16706	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
18480 /17381	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
19409 /18300	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 451	Date of Summary: 22-APR-1998	First Sample Examined: 8970
Lease Number: G15898	Source of Paleo: OPERATOR	Borehole MD: 19409
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18299
API Well Number: 608074064402	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 8970 - 19409	Water Depth: 1673
Public Info Code: Y 28-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 / 8511	DEF AT first sample examined	DEF AT
8971 / 8512	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
12390 /11497	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
12420 /11523	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
17790 /16706	DEF AT local marker foram increase	DEF AT
19409 /18300	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 471	Date of Summary: 15-JUL-1999	First Sample Examined: 14010
Lease Number: G07493	Source of Paleo: OPERATOR	Borehole MD: 16612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15847
API Well Number: 608074004501	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 12990 - 16590	Water Depth: 2873
Public Info Code: Y 30-JUL-1997	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>	
14010 /13958	DEF AT first sample examined	DEF	AT
14460 /14320	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF	AT
15480 /15092	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	POS	AT 4
15750 /15281	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF	AT 4
16079 /15505	POS AT unconformity	DEF	AT 4
16080 /15506	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF	AT 4
16110 /15526	DEF IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF	AT 4
16590 /15833	DEF AT last sample examined	DEF	AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 471	Date of Summary: 29-JUL-1987	First Sample Examined: 4373
Lease Number: G07498	Source of Paleo: OPERATOR	Borehole MD: 16550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16548
API Well Number: 608074004500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 4373 - 16530	Water Depth: 2873
Public Info Code: Y 26-JUN-1997	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>
4373 / 4373	DEF AT first sample examined	POS AT 5
4748 / 4748	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
12150 /12149	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
15030 /15029	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
15749 /15748	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
15750 /15749	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
16530 /16528	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 471	Date of Summary: 01-DEC-1987	First Sample Examined: 16800
Lease Number: G07498	Source of Paleo: OPERATOR	Borehole MD: 16550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16548
API Well Number: 608074004500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 16800 - 20760	Water Depth: 2873
Public Info Code: Y 26-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16800 /	DEF AT first sample examined	DEF AT 5
17460 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
18330 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
18930 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
20760 /	DEF AT last sample examined	DEF AT 5

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



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 471	Date of Summary: 15-JUL-1999	First Sample Examined: 13920
Lease Number: G08248	Source of Paleo: OPERATOR	Borehole MD: 20760
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20318
API Well Number: 608074004502	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 12600 - 20760	Water Depth: 2873
Public Info Code: Y 29-NOV-1997	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>
13920 /13901	DEF AT first sample examined	DEF AT
14490 /14437	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
15150 /15057	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
15570 /15453	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
15571 /15454	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 4
15900 /15763	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
15990 /15847	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
15991 /15848	POS AT unconformity	DEF AT 4
16050 /15904	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
17160 /16943	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
17340 /17114	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
17459 /17227	POS AT reworked material	DEF AT 4
17460 /17228	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
18240 /17977	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
18870 /18585	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
19890 /19545	POS AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	DEF AT 4
20130 /19764	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
20340 /19952	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
20700 /20266	POS IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
20760 /20318	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 551	Date of Summary: 14-JUN-1999	First Sample Examined: 0
Lease Number: G19138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14354
API Well Number: 608074020200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 3674
Public Info Code: Y 08-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8499	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 551	Date of Summary: 01-JAN-2000	First Sample Examined: 5400
Lease Number: G19138	Source of Paleo: OPERATOR	Borehole MD: 14360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14354
API Well Number: 608074020200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5400 - 14360	Water Depth: 3674
Public Info Code: Y 08-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** South Sierra Prospect, company-integrated foram and nanno report (per phone conversation with Garry Jones 24 February 2000),  
9510=Angulogerina ornata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 5400	DEF AT first sample examined	DEF AT 2
5520 / 5520	DEF AT -----	DEF AT 5
5580 / 5580	DEF AT -----	DEF AT 2
5820 / 5820	DEF AT -----	DEF IN 4
5940 / 5940	DEF AT -----	DEF IN 2
6000 / 6000	DEF AT -----	DEF IN 4
6060 / 6060	DEF AT -----	DEF AT 3
6300 / 6300	DEF AT -----	DEF IN 4
6360 / 6359	DEF AT -----	DEF AT 4
6630 / 6629	DEF AT -----	DEF AT 2
6780 / 6779	DEF AT -----	DEF AT 3
6960 / 6959	DEF AT -----	DEF AT 1
6990 / 6989	DEF AT -----	DEF AT 4
7020 / 7019	DEF AT -----	DEF AT 2
7110 / 7109	DEF AT -----	DEF AT 4
7290 / 7289	DEF AT local marker floral increase	DEF AT 4
7320 / 7319	DEF AT -----	DEF AT 2
7530 / 7529	DEF AT local marker floral increase	DEF AT 2
7710 / 7709	DEF AT -----	DEF IN 4
7740 / 7739	DEF AT -----	DEF AT 4
7770 / 7769	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 551	Date of Summary: 01-JAN-2000	First Sample Examined: 5400
Lease Number: G19138	Source of Paleo: OPERATOR	Borehole MD: 14360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14354
API Well Number: 608074020200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5400 - 14360	Water Depth: 3674
Public Info Code: Y 08-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 / 7859	DEF AT local marker floral increase	DEF AT 5
7890 / 7889	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
8010 / 8009	DEF AT -----	DEF IN 4
8100 / 8099	DEF AT local marker floral increase	DEF IN 4
8310 / 8309	DEF AT -----	DEF AT 5
8430 / 8429	DEF AT local marker floral increase	DEF IN 4
8580 / 8579	DEF AT local marker floral increase	DEF IN 4
8700 / 8699	DEF AT -----	DEF AT 4
8760 / 8759	DEF AT local marker floral increase	DEF AT 5
8790 / 8789	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
8940 / 8939	DEF AT -----	DEF AT 4
9090 / 9089	DEF AT local marker floral increase	DEF IN 4
9240 / 9239	DEF AT -----	DEF AT 5
9270 / 9269	DEF AT -----	DEF AT 3
9330 / 9329	DEF AT -----	DEF AT 1
9450 / 9449	DEF AT -----	DEF AT 4
9510 / 9509	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
10140 /10139	DEF AT -----	DEF IN 4
10200 /10199	DEF AT -----	DEF AT 3
10380 /10379	DEF AT -----	DEF IN 4
10410 /10409	DEF AT local marker floral increase	DEF IN 4
10500 /10499	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
10650 /10649	DEF AT -----	DEF AT 2
11027 /11025	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 551	Date of Summary: 01-JAN-2000	First Sample Examined: 5400
Lease Number: G19138	Source of Paleo: OPERATOR	Borehole MD: 14360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14354
API Well Number: 608074020200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5400 - 14360	Water Depth: 3674
Public Info Code: Y 08-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11070 /11067	DEF AT -----	DEF AT 4
11310 /11306	DEF AT -----	DEF IN 4
12210 /12205	DEF AT -----	DEF AT 4
12390 /12385	DEF AT -----	DEF IN 4
12420 /12415	DEF AT local marker floral increase	DEF IN 4
12690 /12685	DEF AT local marker floral increase	DEF IN 4
12810 /12804	DEF AT -----	DEF AT 2
13770 /13764	DEF AT -----	DEF IN 4
13800 /13794	DEF AT local marker floral increase	DEF IN 4
14010 /14004	DEF AT -----	DEF AT 4
14130 /14124	DEF AT -----	DEF IN 4
14360 /14354	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 785	Date of Summary: 15-JUN-1998	First Sample Examined: 6540
Lease Number: G09240	Source of Paleo: OPERATOR	Borehole MD: 12423
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 12423
API Well Number: 608074018000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 6540 - 11670	Water Depth: 4640
Public Info Code: Y 22-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
6540 / 6540	DEF AT first sample examined	DEF AT
6570 / 6570	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
6600 / 6600	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
6870 / 6870	DEF AT reworked material	DEF AT
8670 / 8670	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8910 / 8910	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
9209 / 9209	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
9210 / 9210	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
10560 /10560	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11669 /11669	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11670 /11670	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 785	Date of Summary: 15-JUN-1998	First Sample Examined: 12423
Lease Number: G09240	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 17228
API Well Number: 608074018001	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 12423 - 17500	Water Depth: 4640
Public Info Code: Y 22-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report for sidetrack 1, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
12423 /12419	DEF AT first sample examined	DEF AT
13500 /13428	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13560 /13484	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
13589 /13511	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13590 /13511	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT
13679 /13594	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
13680 /13595	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT
13710 /13622	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
13950 /13843	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14250 /14122	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
14280 /14150	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
14490 /14346	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
14520 /14374	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT
15120 /14938	DEF AT reworked material	DEF AT
15660 /15440	DEF AT local marker planktic foram increase	DEF AT
16110 /15872	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
16470 /16223	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
16650 /16399	DEF AT Arenaceous fauna (local marker)	DEF AT
16830 /16575	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
17220 /16955	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17500 /17228	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 785	Date of Summary: 15-JUN-1998	First Sample Examined: 17520
Lease Number: G09240	Source of Paleo: OPERATOR	Borehole MD: 19403
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18705
API Well Number: 608074018002	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 17520 - 19404	Water Depth: 4640
Public Info Code: Y 22-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
17520 /17167	DEF AT first sample examined	DEF AT
17521 /17168	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17700 /17319	DEF AT local marker planktic foram increase	DEF AT
17789 /17393	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
17790 /17394	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
17940 /17518	DEF AT foram flood	DEF AT
18329 /17835	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
18330 /17836	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT
18630 /18077	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
19200 /18537	DEF AT local marker planktic foram increase	DEF AT
19230 /18562	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
19404 /	DEF AT last sample examined	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 920	Date of Summary: 02-JUL-1999	First Sample Examined: 13990
Lease Number: G11592	Source of Paleo: OPERATOR	Borehole MD: 19199
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19197
API Well Number: 608074020700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 13990 - 19198	Water Depth: 5100
Public Info Code: Y 29-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13990 /13989	DEF AT first sample examined	DEF AT
15400 /15399	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
17050 /17049	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
17080 /17079	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
17260 /17259	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
17950 /17948	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
17980 /17978	DEF AT local marker foram increase	DEF AT 4
18160 /18158	DEF AT transported shelf fauna	DEF AT 2
18161 /18159	POS AT reworked material	DEF AT 2
18340 /18338	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
18460 /18458	DEF AT drilling material	POS AT 4
18640 /18638	DEF AT local marker foram increase	DEF AT 4
19030 /19028	DEF AT transported shelf fauna	DEF AT 2
19031 /19029	POS AT reworked material	DEF AT 2
19060 /19058	DEF AT faunal change (no faunal increase)	DEF AT 4
19090 /19088	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
19180 /19178	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GB 920	Date of Summary: 01-AUG-1999	First Sample Examined: 13990
Lease Number: G11592	Source of Paleo: OPERATOR	Borehole MD: 19199
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 19197
API Well Number: 608074020700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 13990 - 19180	Water Depth: 5100
Public Info Code: Y 29-SEP-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
13990 /13989	DEF AT first sample examined	DEF AT
13991 /13990	POS IN Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
16000 /15999	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
17170 /17169	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
17500 /17499	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
18010 /18008	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
18310 /18308	DEF AT reworked material	DEF AT
18340 /18338	POS AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
19000 /18998	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
19030 /19028	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
19090 /19088	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
19180 /19178	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 6	Date of Summary: 15-JUL-1985	First Sample Examined: 0
Lease Number: G06987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11104
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11100
API Well Number: 608115002600	Drilling Operator: TEXACO INC	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 717
Public Info Code: Y 07-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8700 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
9510 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 6	Date of Summary: 09-SEP-1985	First Sample Examined: 0
Lease Number: G06987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11496
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10407
API Well Number: 608115003000	Drilling Operator: TEXACO INC	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 670
Public Info Code: Y 23-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 / 6226	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10920 / 9888	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 9	Date of Summary: 26-FEB-1998	First Sample Examined: 4640
Lease Number: G05873	Source of Paleo: OPERATOR	Borehole MD: 13860
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13853
API Well Number: 608114022300	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 4640 - 13860	Water Depth: 470
Public Info Code: Y 09-NOV-1999	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4640 / 4640	DEF AT first sample examined	DEF AT
5510 / 5510	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6140 / 6140	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6800 / 6800	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7130 / 7130	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7400 / 7400	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7430 / 7430	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7640 / 7640	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7970 / 7969	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8120 / 8119	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8300 / 8299	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
8540 / 8539	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
8840 / 8839	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
8930 / 8929	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10280 /10278	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11450 /11447	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
11660 /11656	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
11690 /11686	POS AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
11720 /11716	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11750 /11746	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
11810 /11806	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
11900 /11896	DEF AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 9	<b>Date of Summary:</b> 26-FEB-1998	<b>First Sample Examined:</b> 4640
<b>Lease Number:</b> G05873	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13860
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13853
<b>API Well Number:</b> 608114022300	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4640 - 13860	<b>Water Depth:</b> 470
<b>Public Info Code:</b> Y 09-NOV-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12050 /12046	DEF AT salt	DEF AT
12680 /12675	DEF AT base of salt	DEF AT
12681 /12676	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
12930 /12924	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13230 /13223	POS IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13710 /13703	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13860 /13853	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 9	Date of Summary: 04-MAR-1998	First Sample Examined: 4640
Lease Number: G05873	Source of Paleo: OPERATOR	Borehole MD: 13860
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13853
API Well Number: 608114022300	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 4640 - 13860	Water Depth: 470
Public Info Code: Y 09-NOV-1999	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>
4640 / 4640	DEF AT first sample examined	DEF AT 3
4790 / 4790	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4880 / 4880	DEF AT - - - - -	DEF AT 4
5960 / 5960	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6110 / 6110	DEF AT - - - - -	POS AT 5
6140 / 6140	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentis (acme "B")	DEF AT 5
7400 / 7400	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7460 / 7460	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
7700 / 7700	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7760 / 7760	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8120 / 8119	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8270 / 8269	DEF AT faunal change (no faunal increase)	DEF AT 6
8300 / 8299	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
8840 / 8839	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
8930 / 8929	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
11420 /11417	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
11719 /11715	DEF AT gouge	DEF AT 6
11720 /11716	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
11869 /11865	DEF AT gouge	DEF AT 6
11870 /11866	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
11972 /11968	DEF AT anhydrite	DEF AT 6
12680 /12675	DEF AT base of salt	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 9	<b>Date of Summary:</b> 04-MAR-1998	<b>First Sample Examined:</b> 4640
<b>Lease Number:</b> G05873	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13860
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13853
<b>API Well Number:</b> 608114022300	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4640 - 13860	<b>Water Depth:</b> 470
<b>Public Info Code:</b> Y 09-NOV-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12681 /12676	POS IN Upper (Late) Miocene	DEF AT 6
12915 /12909	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13860 /13853	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 9	<b>Date of Summary:</b> 26-FEB-1998	<b>First Sample Examined:</b> 13860
<b>Lease Number:</b> G05873	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16100
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16089
<b>API Well Number:</b> 608114022301	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 13860 - 16110	<b>Water Depth:</b> 470
<b>Public Info Code:</b> Y 09-NOV-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13860 /13851	DEF AT first sample examined	DEF AT
13861 /13852	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14520 /14510	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
15840 /15829	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
16110 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 9	Date of Summary: 04-MAR-1998	First Sample Examined: 13860
Lease Number: G05873	Source of Paleo: OPERATOR	Borehole MD: 16100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16089
API Well Number: 608114022301	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 13860 - 16100	Water Depth: 470
Public Info Code: Y 09-NOV-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13860 /13851	DEF AT first sample examined	DEF AT 5
13861 /13852	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
16080 /16069	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
16100 /16089	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 18  
 Lease Number: G04940  
 Well Name: 005  
 API Well Number: 608114003501  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 22-FEB-1995

Date of Summary: 12-FEB-1985  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: MOBIL OIL EXPLORATION & PRODUC  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 12972  
 Borehole TVD: 12089  
 Rkb Elevation: 83  
 Water Depth: 750  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9690 / 9397	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
11500 /10882	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12370 /11591	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 18	Date of Summary: 01-JUL-1996	First Sample Examined: 9160
Lease Number: G04940	Source of Paleo: OPERATOR	Borehole MD: 12265
Well Name: A001	Paleo Done By: GEORGE J. CONSTANCE, JR.	Borehole TVD: 12165
API Well Number: 608114007400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 9160 - 10480	Water Depth: 750
Public Info Code: Y 09-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9160 / 9060	DEF AT first sample examined	DEF AT 4
9250 / 9148	DEF AT local marker foram increase	DEF AT 4
9370 / 9266	DEF AT - - - - -	DEF AT 5
9400 / 9295	DEF AT local marker foram increase	DEF AT 5
10480 / 10370	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 18	<b>Date of Summary:</b> 29-DEC-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04940	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11653
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11141
<b>API Well Number:</b> 608114009700	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 155
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 760
<b>Public Info Code:</b> Y 20-NOV-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7278 / 6845	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9380 / 8890	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9410 / 8920	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9800 / 9310	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 18	Date of Summary: 22-AUG-1988	First Sample Examined: 0
Lease Number: G05809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19470
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 15408
API Well Number: 608114009000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 760
Public Info Code: Y 13-JUL-1998	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>
11960 / 9788	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
15590 /12441	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
17120 /13543	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
18590 /14654	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 18	<b>Date of Summary:</b> 30-MAR-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05809	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 19050
<b>Well Name:</b> A013	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15469
<b>API Well Number:</b> 608114009900	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 155
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 760
<b>Public Info Code:</b> Y 24-JAN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11450 / 9700	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
15290 /12625	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
18545 /15108	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
18890 /15369	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 18  
Lease Number: G05809  
Well Name: A014  
API Well Number: 608114011800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 22-OCT-1999

Date of Summary: 06-NOV-1989  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: MOBIL OIL EXPLORATION & PRODUC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 18168  
Borehole TVD: 14425  
Rkb Elevation: 155  
Water Depth: 760  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15750 /12349	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
16924 /13350	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
16925 /13350	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 52  
Lease Number: G05884  
Well Name: 001  
API Well Number: 608115001900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 03-AUG-1994

Date of Summary: 17-JUL-1984  
Source of Paleo: OPERATOR  
Paleo Done By: CROSBIE-MACOMBER  
Drilling Operator: CONOCO INC  
Sample Range: 1600 - 7870  
Ecozone Eq MMS: Y

First Sample Examined: 1600  
Borehole MD: 7878  
Borehole TVD: 7876  
Rkb Elevation: 72  
Water Depth: 628  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT first sample examined	DEF AT 1
2290 / 2290	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
2680 / 2680	DEF AT -----	DEF AT 1
4990 / 4989	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5770 / 5769	DEF AT -----	DEF AT 2
5950 / 5949	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6940 / 6939	DEF AT -----	DEF AT 3
7390 / 7389	DEF AT gypsum	POS AT 3
7391 / 7390	DEF AT salt	POS AT 3
7870 / 7868	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 52	Date of Summary: 16-JAN-1985	First Sample Examined: 1839
Lease Number: G05884	Source of Paleo: OPERATOR	Borehole MD: 6494
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6494
API Well Number: 608115002000	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1839 - 6490	Water Depth: 604
Public Info Code: Y 20-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1839 / 1839	DEF AT first sample examined	POS AT 3
1840 / 1840	DEF AT cement	POS AT 3
1990 / 1990	DEF AT -----	DEF AT 3
2080 / 2080	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2410 / 2410	DEF AT -----	DEF AT 2
3160 / 3159	DEF AT -----	DEF AT 1
3730 / 3729	DEF AT -----	DEF AT 2
4000 / 3999	DEF AT -----	DEF AT 1
4720 / 4719	DEF AT -----	DEF AT 2
4840 / 4839	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5110 / 5109	DEF AT -----	DEF AT 3
5170 / 5169	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5470 / 5469	DEF AT -----	DEF AT 2
5950 / 5949	DEF AT local marker (general)	DEF AT 3
6490 / 6489	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 52	Date of Summary: 23-MAY-1985	First Sample Examined: 1900
Lease Number: G05884	Source of Paleo: OPERATOR	Borehole MD: 6374
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6373
API Well Number: 608115003100	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 1900 - 6372	Water Depth: 607
Public Info Code: Y 04-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1900 / 1900	DEF AT first sample examined	DEF AT 1
2200 / 2200	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
2890 / 2889	DEF AT cement	POS AT 2
3220 / 3219	DEF AT - - - - -	DEF AT 1
3640 / 3639	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 1
5270 / 5269	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
6110 / 6109	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6200 / 6199	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
6230 / 6229	DEF AT - - - - -	DEF AT 1
6289 / 6288	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 1
6290 / 6289	DEF AT gypsum	POS AT 1
6291 / 6290	DEF IN salt	POS AT 1
6372 / 6371	DEF AT last sample examined	POS AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 52	Date of Summary: 23-MAY-1985	First Sample Examined: 1900
Lease Number: G05884	Source of Paleo: OPERATOR	Borehole MD: 6374
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6373
API Well Number: 608115003100	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 1900 - 6372	Water Depth: 607
Public Info Code: Y 04-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
1900 / 1900	DEF AT first sample examined	DEF AT
3640 / 3639	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
6200 / 6199	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6320 / 6319	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
6372 / 6371	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 53	Date of Summary: 30-JAN-1985	First Sample Examined: 3240
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 6535
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6533
API Well Number: 608115002300	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3240 - 6510	Water Depth: 590
Public Info Code: Y 26-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3238	DEF AT first sample examined	POS AT 1
3241 / 3239	DEF AT cement	POS AT 1
3360 / 3358	DEF AT -----	DEF AT 1
4290 / 4288	DEF AT -----	DEF AT 3
4470 / 4468	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4530 / 4528	POS AT drilling material	DEF AT 2
4800 / 4798	DEF AT -----	DEF AT 3
4920 / 4918	DEF AT drilling material	POS AT 3
5070 / 5068	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 2
5160 / 5158	DEF AT drilling material	POS AT 2
5640 / 5638	DEF AT -----	DEF AT 2
6150 / 6148	DEF AT -----	DEF AT 3
6210 / 6208	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6449 / 6447	DEF AT gypsum	DEF AT 3
6450 / 6448	POS AT salt	POS AT 3
6510 / 6508	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 53	Date of Summary: 18-SEP-1985	First Sample Examined: 1750
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7200
API Well Number: 608115003200	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 1750 - 7200	Water Depth: 544
Public Info Code: Y 05-OCT-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 /	DEF AT first sample examined	DEF AT 3
1960 /	DEF AT -----	DEF AT 1
2980 /	DEF AT -----	DEF AT 3
3310 /	DEF AT -----	DEF AT 1
4300 /	DEF AT -----	DEF AT 3
4480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4600 /	DEF AT -----	DEF AT 2
5310 /	DEF AT -----	DEF AT 3
5549 /	POS AT unconformity	DEF AT 3
5550 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5551 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
6000 /	DEF AT drilling material	POS AT 3
6449 /	POS AT unconformity	DEF AT 4
6450 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
6509 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
6510 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7120 /	DEF AT gypsum	POS AT 4
7121 /	DEF AT salt	POS AT 4
7200 /	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 53	Date of Summary: 18-SEP-1985	First Sample Examined: 1750
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7200
API Well Number: 608115003200	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 1750 - 7200	Water Depth: 544
Public Info Code: Y 05-OCT-1995	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 /	DEF AT first sample examined	DEF AT
5550 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6450 /	DEF AT Lower Pliocene (Zanclian) Discoaster intercalaris	DEF AT
7200 /	DEF AT last sample examined	DEF AT

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Area Block: GC 53	Date of Summary: 19-JAN-1987	First Sample Examined: 1820
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 4703
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4702
API Well Number: 608115004200	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 1820 - 4703	Water Depth: 650
Public Info Code: Y 30-JAN-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1820 /	DEF AT first sample examined	POS AT 3
1821 /	DEF AT cement	POS AT 3
1930 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2590 /	DEF AT -----	DEF AT 1
2980 /	DEF AT cement	DEF AT 3
3340 /	DEF AT -----	DEF AT 1
3880 /	DEF AT -----	DEF AT 2
4000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4150 /	DEF AT -----	DEF AT 3
4690 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4703 /	DEF AT last sample examined	DEF AT 3



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End Date: 31-DEC-1999

Area Block: GC 53	Date of Summary: 19-JAN-1987	First Sample Examined: 1820
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 4703
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4702
API Well Number: 608115004200	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 1820 - 4703	Water Depth: 650
Public Info Code: Y 30-JAN-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1820 /	DEF AT first sample examined	DEF AT
4030 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4703 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 53	Date of Summary: 19-JAN-1987	First Sample Examined: 3085
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 3972
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 3951
API Well Number: 608115004201	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3085 - 3975	Water Depth: 562
Public Info Code: Y 07-FEB-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3085 / 3085	DEF AT first sample examined	DEF AT 2
3086 / 3086	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
3320 / 3318	DEF AT -----	DEF AT 1
3975 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 53	Date of Summary: 19-JAN-1987	First Sample Examined: 3085
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 3972
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 3951
API Well Number: 608115004201	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3085 - 3975	Water Depth: 562
Public Info Code: Y 07-FEB-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3085 / 3085	DEF AT first sample examined	DEF AT
3200 / 3199	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3975 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 64	Date of Summary: 28-MAR-1985	First Sample Examined: 5632
Lease Number: G07005	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17923
API Well Number: 608114003100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 5632 - 18000	Water Depth: 1343
Public Info Code: Y 22-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5632 / 5632	DEF AT first sample examined	DEF AT
12635 /12622	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
15339 /15322	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
18000 /17976	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 64	Date of Summary: 28-MAR-1985	First Sample Examined: 12395
Lease Number: G07005	Source of Paleo: OPERATOR	Borehole MD: 13340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13202
API Well Number: 608114003101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 12395 - 13340	Water Depth: 1343
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12395 /12324	DEF AT first sample examined	DEF AT
12700 /12606	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13340 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 72	Date of Summary: 08-SEP-1986	First Sample Examined: 3000
Lease Number: G05896	Source of Paleo: OPERATOR	Borehole MD: 14426
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14425
API Well Number: 608114005600	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 47
Paleo Report Num: 1 of 2	Sample Range: 3000 - 12240	Water Depth: 1910
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT
8490 / 8489	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9510 / 9509	DEF AT -----	DEF AT 3
9710 / 9709	DEF AT -----	DEF AT 5
9870 / 9869	DEF AT -----	DEF AT 4
10007 /10006	DEF AT -----	DEF AT 5
10020 /10019	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11700 /11699	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11760 /11759	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12240 /12239	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 72	Date of Summary: 08-SEP-1986	First Sample Examined: 11730
Lease Number: G05896	Source of Paleo: OPERATOR	Borehole MD: 14426
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14425
API Well Number: 608114005600	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 47
Paleo Report Num: 2 of 2	Sample Range: 11730 - 14430	Water Depth: 1910
Public Info Code: Y 10-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11730 /11729	DEF AT first sample examined	DEF AT 5
11731 /11730	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11760 /11759	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12960 /12959	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13110 /13109	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
14430 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 73	Date of Summary: 25-APR-1987	First Sample Examined: 10160
Lease Number: G05897	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 608114004800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 3053 - 11999	Water Depth: 1981
Public Info Code: Y 09-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10160 /10160	DEF AT first sample examined	POS AT 5
11875 /11874	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11999 /	DEF AT last sample examined	DEF AT 5



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<b>Area Block:</b> GC 73	<b>Date of Summary:</b> 25-APR-1987	<b>First Sample Examined:</b> 11775
<b>Lease Number:</b> G05897	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14417
<b>API Well Number:</b> 608114004802	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 48
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 11206 - 14500	<b>Water Depth:</b> 1981
<b>Public Info Code:</b> Y 17-OCT-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11775 /11756	DEF AT first sample examined	DEF AT 4
11953 /11934	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13370 /13335	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
14500 /14417	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 73	Date of Summary: 27-FEB-1986	First Sample Examined: 11206
Lease Number: G05905	Source of Paleo: OPERATOR	Borehole MD: 12157
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11992
API Well Number: 608114004801	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 11206 - 14500	Water Depth: 1981
Public Info Code: Y 21-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11206 /11170	DEF AT first sample examined	POS AT 5
11953 /11821	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13370 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14500 /	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 92	<b>Date of Summary:</b> 12-FEB-1990	<b>First Sample Examined:</b> 2420
<b>Lease Number:</b> G05898	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14000
<b>API Well Number:</b> 608114014600	<b>Drilling Operator:</b> BP OIL CORPORATION	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 2420 - 13850	<b>Water Depth:</b> 786
<b>Public Info Code:</b> Y 05-MAR-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2420 /	DEF AT first sample examined	DEF AT 3
3410 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3530 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4220 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
4550 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
5501 /	DEF AT cement	POS AT 3
6140 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6260 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7610 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7730 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8420 /	POS AT faunal change (no faunal increase)	DEF AT 3
9770 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10000 /	DEF AT cement	POS AT 4
10460 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10580 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11190 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
11990 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
12380 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12560 /	POS AT faunal change (no faunal increase)	DEF AT 4
13430 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
13850 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 97	Date of Summary: 28-MAR-1985	First Sample Examined: 2000
Lease Number: G05091	Source of Paleo: OPERATOR	Borehole MD: 8009
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8009
API Well Number: 608115002400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 2000 - 8010	Water Depth: 777
Public Info Code: Y 03-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF AT 4
6930 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7680 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7890 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8010 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 97	Date of Summary: 08-AUG-1988	First Sample Examined: 2570
Lease Number: G05091	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14849
API Well Number: 608115005500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2570 - 16300	Water Depth: 884
Public Info Code: Y 05-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2570 / 2570	DEF AT first sample examined	DEF AT 2
2571 / 2571	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
2810 / 2810	DEF AT -----	DEF AT 4
4460 / 4460	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7480 / 7220	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7970 / 7633	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10060 / 9399	DEF AT -----	DEF IN 4
10240 / 9550	DEF AT reworked material	DEF IN 4
12550 / 11496	DEF AT -----	DEF AT 5
13120 / 11982	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14140 / 12859	DEF AT -----	DEF IN 5
14770 / 13397	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
16300 / 14684	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 97	Date of Summary: 08-AUG-1988	First Sample Examined: 6840
Lease Number: G05091	Source of Paleo: OPERATOR	Borehole MD: 10430
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10091
API Well Number: 608115005501	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 6840 - 10430	Water Depth: 884
Public Info Code: Y 24-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6837	DEF AT first sample examined	DEF AT 3
6841 / 6838	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7890 / 7885	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8850 / 8843	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10290 /10281	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
10430 /10420	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 97	Date of Summary: 08-AUG-1988	First Sample Examined: 8260
Lease Number: G05091	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9972
API Well Number: 608115005502	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 8260 - 10300	Water Depth: 884
Public Info Code: Y 31-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8260 / 8242	DEF AT first sample examined	DEF AT 4
8261 / 8243	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8380 / 8359	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10180 /10072	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
10270 /10158	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
10300 /10186	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 97	<b>Date of Summary:</b> 08-AUG-1988	<b>First Sample Examined:</b> 8370
<b>Lease Number:</b> G05091	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10040
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8953
<b>API Well Number:</b> 608115005503	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8370 - 10020	<b>Water Depth:</b> 884
<b>Public Info Code:</b> Y 17-SEP-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8370 / 7808	DEF AT first sample examined	DEF AT 4
8371 / 7809	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8550 / 7937	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9960 / 8902	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
10020 / 8940	DEF AT last sample examined	DEF IN 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 97	Date of Summary: 08-AUG-1988	First Sample Examined: 9890
Lease Number: G05091	Source of Paleo: OPERATOR	Borehole MD: 10187
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9081
API Well Number: 608115005504	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 9890 - 10190	Water Depth: 884
Public Info Code: Y 22-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9890 / 8869	DEF AT first sample examined	DEF IN 4
9891 / 8870	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
10190 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 98	Date of Summary: 11-JUN-1984	First Sample Examined: 1990
Lease Number: G05092	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7994
API Well Number: 608115001500	Drilling Operator: CONOCO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 1990 - 8000	Water Depth: 853
Public Info Code: Y 07-MAY-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1990 /	DEF AT first sample examined	DEF AT 1
2830 /	POS IN Pleistocene	DEF AT 3
3040 /	DEF AT -----	DEF AT 2
3550 /	DEF AT -----	DEF AT 1
5740 /	DEF AT -----	DEF AT 3
6070 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6190 /	DEF AT -----	DEF AT 2
6910 /	DEF AT -----	DEF AT 1
7660 /	DEF AT gypsum	DEF AT
7661 /	DEF AT salt	DEF AT
8000 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 98	Date of Summary: 11-JUN-1984	First Sample Examined: 7060
Lease Number: G05092	Source of Paleo: OPERATOR	Borehole MD: 13159
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12151
API Well Number: 608115001501	Drilling Operator: CONOCO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 7060 - 13150	Water Depth: 853
Public Info Code: Y 26-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8830 and 10360 = possible salt overhang

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7060 / 7055	DEF AT first sample examined	DEF AT 1
7720 / 7689	DEF AT - - - - -	DEF AT 2
7839 / 7801	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
7840 / 7802	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8259 / 8198	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
8260 / 8199	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8440 / 8368	DEF AT sample gap top	POS AT 4
8560 / 8480	DEF AT sample gap bottom	DEF AT 2
8830 / 8729	DEF AT gypsum	DEF AT 2
9340 / 9186	DEF AT - - - - -	DEF AT 3
10360 /10026	DEF AT gypsum	DEF AT
11950 /11323	DEF AT cement	DEF AT
13150 /12145	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 98	Date of Summary: 14-DEC-1988	First Sample Examined: 2300
Lease Number: G05092	Source of Paleo: OPERATOR	Borehole MD: 13733
Well Name: 002	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 13716
API Well Number: 608115006300	Drilling Operator: CONOCO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 2300 - 13733	Water Depth: 1029
Public Info Code: Y 04-JAN-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT first sample examined	DEF AT
2301 / 2301	DEF AT reworked material	DEF AT
4550 / 4546	POS AT local marker floral increase	DEF AT
4880 / 4874	DEF AT local marker floral decrease	DEF AT
5300 / 5294	POS AT local marker floral increase	DEF AT
7790 / 7783	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7939 / 7932	POS AT reworked material	DEF AT
7940 / 7933	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9740 / 9732	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10250 /10242	POS AT local marker floral increase	DEF AT
12800 /12789	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12890 /12878	POS IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12950 /12938	DEF AT local marker floral decrease	DEF AT
13700 /13683	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13733 /13716	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 98	Date of Summary: 31-JAN-1989	First Sample Examined: 2300
Lease Number: G05092	Source of Paleo: OPERATOR	Borehole MD: 13733
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13716
API Well Number: 608115006300	Drilling Operator: CONOCO INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 2300 - 13730	Water Depth: 1029
Public Info Code: Y 04-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT first sample examined	POS AT 2
2301 / 2301	DEF AT cement	DEF AT 2
2540 / 2540	DEF AT -----	DEF AT 2
2720 / 2720	DEF AT -----	DEF AT 1
2900 / 2900	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
5300 / 5294	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6170 / 6163	DEF AT -----	DEF AT 2
6410 / 6403	DEF AT -----	DEF AT 1
6800 / 6793	DEF AT -----	DEF AT 2
7010 / 7003	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
7879 / 7872	DEF AT transported shelf fauna	DEF AT 2
7880 / 7873	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10310 /10302	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
10460 /10452	DEF AT -----	DEF AT 2
10820 /10812	DEF AT -----	DEF AT 1
11300 /11292	DEF AT -----	DEF AT 2
11450 /11442	DEF AT -----	DEF AT 1
12530 /12520	DEF AT -----	DEF AT 2
12860 /12848	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
13400 /13385	DEF AT -----	DEF AT 2
13730 /13713	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 109	Date of Summary: 25-AUG-1986	First Sample Examined: 8002
Lease Number: G05900	Source of Paleo: OPERATOR	Borehole MD: 15780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15687
API Well Number: 608114001900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2494 - 15748	Water Depth: 1425
Public Info Code: Y 16-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8002 / 8002	DEF AT first sample examined	POS AT 4
8492 / 8492	DEF AT - - - - -	DEF AT 4
10821 /10820	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11390 /11389	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12484 /12482	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
15748 /15658	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 109	Date of Summary: 25-AUG-1986	First Sample Examined: 9485
Lease Number: G05900	Source of Paleo: OPERATOR	Borehole MD: 12977
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11658
API Well Number: 608114001901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 7568 - 12997	Water Depth: 1406
Public Info Code: Y 09-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9485 / 9263	DEF AT first sample examined	POS AT 4
11582 /10760	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12889 /11603	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12997 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 109	Date of Summary: 15-APR-1987	First Sample Examined: 6990
Lease Number: G05900	Source of Paleo: OPERATOR	Borehole MD: 13283
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13283
API Well Number: 608114002800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 3166 - 13230	Water Depth: 1557
Public Info Code: Y 15-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 / 6990	DEF AT first sample examined	POS AT 4
12630 /12627	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13230 /13227	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 116	Date of Summary: 01-MAR-1985	First Sample Examined: 7010
Lease Number: G05904	Source of Paleo: OPERATOR	Borehole MD: 13906
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13881
API Well Number: 608114003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 7010 - 13899	Water Depth: 2316
Public Info Code: Y 04-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7010	DEF AT first sample examined	DEF AT
12855 /12853	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13899 /13875	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 136	<b>Date of Summary:</b> 18-MAY-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04508	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6866
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6866
<b>API Well Number:</b> 608115005400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 980
<b>Public Info Code:</b> Y 27-MAY-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6210 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6814 /	DEF AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 136	Date of Summary: 01-NOV-1988	First Sample Examined: 0
Lease Number: G04508	Source of Paleo: OPERATOR	Borehole MD: 10534
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10534
API Well Number: 608115006100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1025
Public Info Code: Y 26-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
8720 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10100 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 142	Date of Summary: 15-JAN-1997	First Sample Examined: 8490
Lease Number: G05093	Source of Paleo: OPERATOR	Borehole MD: 25500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 25450
API Well Number: 608114021000	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 8490 - 25500	Water Depth: 1075
Public Info Code: Y 09-NOV-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
8490 / 8489	DEF AT first sample examined	DEF AT
8491 / 8490	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8730 / 8729	POS IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10680 /10679	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10740 /10739	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11760 /11759	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13170 /13169	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
13890 /13889	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14460 /14459	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
16020 /16017	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16650 /16632	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17640 /17603	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
20730 /20686	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
23880 /23834	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
25500 /25450	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 142	<b>Date of Summary:</b> 06-MAR-1997	<b>First Sample Examined:</b> 2766
<b>Lease Number:</b> G05093	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 25500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 25450
<b>API Well Number:</b> 608114021000	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2766 - 25500	<b>Water Depth:</b> 1075
<b>Public Info Code:</b> Y 09-NOV-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2766 / 2766	DEF AT first sample examined	DEF AT 4
3090 / 3090	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3330 / 3330	DEF AT - - - - -	DEF AT 4
4170 / 4170	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6090 / 6090	DEF AT - - - - -	POS AT 5
10680 /10679	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12840 /12839	DEF AT sample gap top	DEF AT 5
12930 /12929	DEF AT sample gap bottom	DEF AT 5
13860 /13859	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 5
16110 /16105	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 5
20730 /20686	DEF AT - - - - -	DEF AT 6
20760 /20716	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
23250 /23205	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
23940 /23893	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
25500 /25450	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 145	Date of Summary: 05-JAN-1993	First Sample Examined: 0
Lease Number: G13162	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12582
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12582
API Well Number: 608114018900	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1257
Public Info Code: Y 22-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 3420	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
8010 / 8010	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
12200 /12200	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 158	Date of Summary: 09-JAN-1991	First Sample Examined: 12990
Lease Number: G07995	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17328
API Well Number: 608115006400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 5100 - 15291	Water Depth: 2950
Public Info Code: Y 14-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 /12985	DEF AT first sample examined	DEF AT 5
13830 /13766	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 5
15291 /15017	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 158	Date of Summary: 09-JAN-1991	First Sample Examined: 14410
Lease Number: G07995	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17328
API Well Number: 608115006400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 12523 - 18000	Water Depth: 2950
Public Info Code: Y 14-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12523 /12521	DEF AT first sample examined	DEF AT 5
17800 /17155	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
18000 /17326	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 158	<b>Date of Summary:</b> 01-APR-2001	<b>First Sample Examined:</b> 14480
<b>Lease Number:</b> G07995	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> BECK BIOSTRAT INC.	<b>Borehole TVD:</b> 17328
<b>API Well Number:</b> 608115006400	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 14480 - 18200	<b>Water Depth:</b> 2950
<b>Public Info Code:</b> Y 01-MAY-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14480 /14321	DEF AT first sample examined	DEF AT
14630 /14449	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
15740 /15399	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16160 /15757	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
17990 /17318	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
18020 /	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
18200 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 166	Date of Summary: 25-MAR-1986	First Sample Examined: 3980
Lease Number: G07028	Source of Paleo: OPERATOR	Borehole MD: 17676
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17676
API Well Number: 608114003400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3980 - 17670	Water Depth: 2381
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3980	DEF AT first sample examined	DEF IN 5
4340 / 4340	POS AT local marker planktic foram increase	DEF IN 5
5750 / 5750	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
7910 / 7910	DEF AT local marker foram increase	DEF IN 5
9110 / 9110	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
9470 / 9470	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
10100 /10100	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 5
10490 /10490	DEF AT local marker planktic foram increase	DEF IN 5
11000 /11000	DEF AT local marker planktic foram increase	DEF IN 5
11450 /11450	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
11870 /11870	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
12350 /12350	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
13100 /13100	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
13159 /13159	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
13160 /13160	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
13220 /13220	DEF AT pyrite	DEF IN 5
13610 /13610	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 5
14240 /14239	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
14720 /14719	DEF AT local marker foram decrease	DEF IN 5
14990 /14989	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 5
15230 /15229	POS AT reworked material	DEF IN 5
15380 /15379	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 166	Date of Summary: 25-MAR-1986	First Sample Examined: 3980
Lease Number: G07028	Source of Paleo: OPERATOR	Borehole MD: 17676
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17676
API Well Number: 608114003400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3980 - 17670	Water Depth: 2381
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15520 /15519	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
15980 /15979	DEF AT pyrite	DEF IN 5
16580 /16579	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
17670 /17669	DEF AT last sample examined	DEF IN 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 166	<b>Date of Summary:</b> 25-MAR-1986	<b>First Sample Examined:</b> 3980
<b>Lease Number:</b> G07028	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17676
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17676
<b>API Well Number:</b> 608114003400	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3980 - 17670	<b>Water Depth:</b> 2381
<b>Public Info Code:</b> Y 28-DEC-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3980	DEF AT first sample examined	DEF AT
6350 / 6350	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9530 / 9530	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10640 /10640	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11840 /11840	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12020 /12020	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13159 /13159	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13160 /13160	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14210 /14209	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17670 /17669	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 166	Date of Summary: 11-SEP-1986	First Sample Examined: 10530
Lease Number: G07028	Source of Paleo: OPERATOR	Borehole MD: 17256
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16750
API Well Number: 608114003401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 10530 - 10980	Water Depth: 2381
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 /10530	DEF AT first sample examined	DEF IN 5
10531 /10531	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
10620 /10620	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
10980 /10980	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 166	Date of Summary: 11-SEP-1986	First Sample Examined: 10530
Lease Number: G07028	Source of Paleo: OPERATOR	Borehole MD: 17256
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16750
API Well Number: 608114003401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 10530 - 10980	Water Depth: 2381
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 /10530	DEF AT first sample examined	DEF AT
10531 /10531	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10980 /10980	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 166	Date of Summary: 01-JAN-1990	First Sample Examined: 3730
Lease Number: G07028	Source of Paleo: OPERATOR	Borehole MD: 17400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17307
API Well Number: 608115007000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3730 - 15190	Water Depth: 2315
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
3730 / 3730	DEF AT first sample examined	DEF AT 4
4630 / 4630	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5020 / 5020	DEF AT faunal change (no faunal increase)	DEF AT 3
5440 / 5440	DEF AT faunal change (no faunal increase)	DEF AT 4
5500 / 5500	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6220 / 6220	DEF AT faunal change (no faunal increase)	DEF AT 5
6300 / 6300	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
7300 / 7300	DEF AT faunal change (no faunal increase)	DEF AT 4
7840 / 7840	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT 4
9520 / 9520	DEF AT faunal change (no faunal increase)	DEF AT 5
9600 / 9600	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
10180 /10180	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
10450 /10450	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10700 /10700	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10810 /10810	DEF AT faunal change (no faunal increase)	DEF AT 4
11350 /11350	DEF AT faunal change (no faunal increase)	DEF AT 6
11920 /11920	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyrei	DEF AT 6
12000 /12000	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 6
12010 /12010	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 6
12970 /12970	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 6
13060 /13060	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 6
13090 /13090	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 166	Date of Summary: 01-JAN-1990	First Sample Examined: 3730
Lease Number: G07028	Source of Paleo: OPERATOR	Borehole MD: 17400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17307
API Well Number: 608115007000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3730 - 15190	Water Depth: 2315
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13150 /13150	DEF AT - - - - -	DEF AT 5
14050 /14049	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
14980 /14978	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
15190 /15185	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
16990 /16913	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
17480 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 14-AUG-1986	First Sample Examined: 3540
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 18725
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18716
API Well Number: 608114006400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3540 - 18725	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 / 3540	DEF AT first sample examined	DEF AT 5
3630 / 3630	DEF AT - - - - -	DEF IN 5
3750 / 3750	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 5
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 5
6600 / 6600	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 5
10050 /10050	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
12690 /12689	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
13260 /13259	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
13289 /13288	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
13290 /13289	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
14430 /14429	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
17790 /17784	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
18725 /18716	DEF AT last sample examined	DEF IN 5

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 167	<b>Date of Summary:</b> 14-AUG-1986	<b>First Sample Examined:</b> 3540
<b>Lease Number:</b> G07029	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18725
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18716
<b>API Well Number:</b> 608114006400	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3540 - 18725	<b>Water Depth:</b> 2254
<b>Public Info Code:</b> Y 13-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3540 / 3540	DEF AT first sample examined	DEF AT
6630 / 6630	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9930 / 9930	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11190 /11190	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12720 /12719	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13260 /13259	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13350 /13349	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13650 /13649	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
15720 /15718	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
18725 /18716	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 7440
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 8	Sample Range: 7440 - 14850	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7440 / 7350	DEF AT first sample examined	DEF IN 5
7441 / 7351	DEF IN cement	DEF IN 5
10290 /10052	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
10770 /10497	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
12540 /12111	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
13620 /13071	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
13649 /13097	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
13650 /13098	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
14730 /13787	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
14850 /13890	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 14850
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 8	Sample Range: 14850 - 15570	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 2 bypass 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14850 /13890	DEF AT first sample examined	DEF IN 5
15570 /14517	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 15000
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 3 of 8	Sample Range: 15000 - 15800	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 bypass 2 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15000 /14021	DEF AT first sample examined	DEF IN 5
15800 /14715	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 167	<b>Date of Summary:</b> 29-DEC-1986	<b>First Sample Examined:</b> 15720
<b>Lease Number:</b> G07029	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 20024
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18405
<b>API Well Number:</b> 608114006401	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 4 of 8	<b>Sample Range:</b> 15720 - 20010	<b>Water Depth:</b> 2254
<b>Public Info Code:</b> Y 13-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

**Remark:** Sidetrack 2 bypass 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15720 /14646	DEF AT first sample examined	DEF IN 5
18750 /17294	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
20010 /18393	DEF AT last sample examined	DEF IN 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 7440
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 5 of 8	Sample Range: 7440 - 14850	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack 1

MD / TVD	Paleo Top Description	Ecozone
7440 / 7350	DEF AT first sample examined	DEF AT
7441 / 7351	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
10170 / 9940	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
12060 /11678	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12690 /12245	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyrei	DEF AT
13230 /12727	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13709 /13149	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13710 /13150	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13800 /13229	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14460 /13555	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14850 /13890	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 14850
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 6 of 8	Sample Range: 14850 - 15570	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 006

Remark: Calcareous nannofossil report for sidetrack 2 bypass 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14850 /13890	DEF AT first sample examined	DEF AT
14851 /13891	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
15570 /14517	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 15000
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 7 of 8	Sample Range: 15000 - 15800	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 007

Remark: Calcareous nannofossil report for sidetrack 2 bypass 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15000 /14021	DEF AT first sample examined	DEF AT
15001 /14022	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
15800 /14715	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 167	Date of Summary: 29-DEC-1986	First Sample Examined: 15720
Lease Number: G07029	Source of Paleo: OPERATOR	Borehole MD: 20024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18405
API Well Number: 608114006401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 8 of 8	Sample Range: 15720 - 20010	Water Depth: 2254
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 008

Remark: Calcareous nannofossil report for sidetrack 2 bypass 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15720 /14646	DEF AT first sample examined	DEF AT
16170 /15035	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
20010 /18393	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 181	Date of Summary: 30-JUN-1994	First Sample Examined: 4580
Lease Number: G12206	Source of Paleo: OPERATOR	Borehole MD: 16660
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14807
API Well Number: 608114019600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4580 - 16600	Water Depth: 1550
Public Info Code: Y 30-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4580 / 4580	DEF AT first sample examined	DEF AT
4581 / 4581	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5600 / 5600	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
8059 / 7965	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8060 / 7965	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10760 /10161	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12170 /11284	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
15740 /14118	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
15799 /14165	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
15800 /14166	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
16600 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 184	Date of Summary: 19-JAN-1988	First Sample Examined: 0
Lease Number: G04518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10465
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9682
API Well Number: 608115004700	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1760
Public Info Code: Y 29-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8776 / 7998	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 184	<b>Date of Summary:</b> 01-MAY-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04518	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10800
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10400
<b>API Well Number:</b> 608115004900	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 1760
<b>Public Info Code:</b> Y 30-MAR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** 8070=reverse fault

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7526 / 7131	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8070 / 7672	DEF AT fault	DEF AT
10290 / 9889	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 184	Date of Summary: 25-SEP-1990	First Sample Examined: 0
Lease Number: G04518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10759
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9700
API Well Number: 608115005000	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1758
Public Info Code: Y 28-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9154 / 8101	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-1994

End Date: 31-DEC-1999

Area Block: GC 184	Date of Summary: 28-APR-2000	First Sample Examined: 0
Lease Number: G04518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9100
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9061
API Well Number: 608115005600	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1760
Public Info Code: Y 14-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7779 / 7742	POS AT unconformity	DEF AT
7780 / 7743	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-1994

End Date: 31-DEC-1999

Area Block: GC 184	Date of Summary: 12-MAR-1990	First Sample Examined: 0
Lease Number: G04518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8526
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8102
API Well Number: 608114010100	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1760
Public Info Code: Y 10-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8475 / 8050	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-1994

End Date: 31-DEC-1999

Area Block: GC 184	Date of Summary: 27-NOV-1989	First Sample Examined: 0
Lease Number: G04518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9811
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 9040
API Well Number: 608114010900	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1758
Public Info Code: Y 29-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8640 / 7913	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 205	Date of Summary: 02-OCT-1990	First Sample Examined: 3990
Lease Number: G05911	Source of Paleo: OPERATOR	Borehole MD: 15343
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15337
API Well Number: 608114008800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3990 - 15343	Water Depth: 2628
Public Info Code: Y 23-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Genesis Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3990	DEF AT first sample examined	DEF AT 5
4560 / 4560	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
6450 / 6450	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6840 / 6840	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
6930 / 6930	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
8250 / 8250	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9900 / 9900	DEF AT -----	POS IN 4
10070 /10070	DEF AT -----	DEF AT 5
11070 /11069	DEF AT foram flood	DEF AT 5
11100 /11099	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
11130 /11129	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
11250 /11248	DEF AT -----	POS IN 4
11820 /11818	DEF AT -----	DEF AT 5
12868 /12866	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12869 /12867	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
12870 /12868	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT 5
13590 /13587	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
13680 /13677	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13739 /13736	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13740 /13737	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13770 /13767	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
14010 /14006	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 205	Date of Summary: 02-OCT-1990	First Sample Examined: 3990
Lease Number: G05911	Source of Paleo: OPERATOR	Borehole MD: 15343
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15337
API Well Number: 608114008800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3990 - 15343	Water Depth: 2628
Public Info Code: Y 23-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14100 /14096	DEF AT reworked material	DEF AT 5
14460 /14456	DEF AT reworked material	DEF AT 5
14520 /14516	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
14730 /14726	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15270 /15264	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT 5
15343 /15337	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 06-AUG-1985	First Sample Examined: 2795
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 11431
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11409
API Well Number: 608115002800	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2795 - 11432	Water Depth: 1728
Public Info Code: Y 10-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Consultant-integrated foram and nanno report, 10410=Scyphosphaera globulata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2795 / 2794	DEF AT first sample examined	DEF AT 3
3210 / 3209	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
5700 / 5698	DEF AT faunal change (no faunal increase)	DEF AT 2
6330 / 6328	DEF AT faunal change (no faunal increase)	DEF AT 1
8550 / 8547	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
8880 / 8876	DEF AT faunal change (no faunal increase)	DEF AT 2
9000 / 8996	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
9360 / 9355	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
9510 / 9505	DEF AT faunal change (no faunal increase)	DEF AT 3
9600 / 9595	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9660 / 9655	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 3
9720 / 9715	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 3
9780 / 9775	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 3
9930 / 9924	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
9960 / 9954	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10379 /10372	DEF AT floral flood	DEF AT 3
10380 /10373	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 3
10410 /10403	DEF AT local marker floral increase	DEF AT 3
10440 /10433	DEF AT sample gap top	POS AT 3
10559 /10552	DEF AT sample gap bottom	DEF AT 3
10560 /10553	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 3
10679 /10672	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4

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Start Date: 01-JAN-1994

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Area Block: GC 228	Date of Summary: 06-AUG-1985	First Sample Examined: 2795
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 11431
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11409
API Well Number: 608115002800	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2795 - 11432	Water Depth: 1728
Public Info Code: Y 10-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 /10673	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10810 /10801	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
10870 /10860	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
10990 /10978	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
11110 /11094	DEF AT sample gap top	POS AT 4
11431 /11383	DEF AT sample gap bottom	DEF AT 4
11432 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 228	<b>Date of Summary:</b> 06-AUG-1985	<b>First Sample Examined:</b> 2795
<b>Lease Number:</b> G05912	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11431
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11409
<b>API Well Number:</b> 608115002800	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2795 - 11432	<b>Water Depth:</b> 1728
<b>Public Info Code:</b> Y 10-AUG-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, 10410=Scyphosphaera globulata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2795 / 2794	DEF AT first sample examined	DEF AT
3210 / 3209	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8550 / 8547	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8580 / 8577	POS IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9360 / 9355	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9660 / 9655	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9720 / 9715	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
9780 / 9775	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9930 / 9924	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10380 /10373	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10410 /10403	POS AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
10560 /10553	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10810 /10801	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
10990 /10978	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11432 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 10-APR-1986	First Sample Examined: 2960
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11426
API Well Number: 608115003600	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2960 - 12000	Water Depth: 1694
Public Info Code: Y 21-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2960 / 2959	DEF AT first sample examined	DEF AT 3
3860 / 3859	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
6230 / 6229	DEF AT faunal change (no faunal increase)	DEF AT 1
6830 / 6828	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6920 / 6918	DEF AT faunal change (no faunal increase)	DEF AT 2
7370 / 7366	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
8270 / 8189	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
9080 / 8927	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9110 / 8955	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 3
9170 / 9009	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 3
9230 / 9064	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
9650 / 9450	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10010 / 9780	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 3
10519 / 10233	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10520 / 10234	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12000 / 11426	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 10-APR-1986	First Sample Examined: 2960
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11426
API Well Number: 608115003600	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2960 - 12000	Water Depth: 1694
Public Info Code: Y 21-APR-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, 10070=Scyphosphaera globulata, 10250=Scyphosphaera intermedia

MD / TVD	Paleo Top Description	Ecozone
2960 / 2959	DEF AT first sample examined	DEF AT 3
3860 / 3859	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
7370 / 7366	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
8300 / 8216	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
9110 / 8955	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 3
9170 / 9009	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 3
9230 / 9064	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
10010 / 9780	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 3
10070 / 9834	DEF AT local marker floral increase	DEF AT 3
10130 / 9889	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
10250 / 9996	DEF AT local marker floral increase	DEF AT 4
12000 / 11426	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 31-AUG-1989	First Sample Examined: 3230
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 10212
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8803
API Well Number: 608114012200	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3230 - 4443	Water Depth: 1588
Public Info Code: Y 26-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3211	DEF AT first sample examined	DEF AT
3231 / 3212	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3949 / 3896	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3950 / 3897	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
4443 / 4382	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 31-AUG-1989	First Sample Examined: 3230
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 10212
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8803
API Well Number: 608114012200	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3230 - 10212	Water Depth: 1588
Public Info Code: Y 26-SEP-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Sidetrack 1 report, consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3211	DEF AT first sample examined	DEF AT
3950 / 3897	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5030 / 4967	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7100 / 6633	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9230 / 8116	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10212 / 8804	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 228	<b>Date of Summary:</b> 31-AUG-1989	<b>First Sample Examined:</b> 4440
<b>Lease Number:</b> G05912	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9667
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9501
<b>API Well Number:</b> 608114012201	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4440 - 9667	<b>Water Depth:</b> 1588
<b>Public Info Code:</b> Y 26-SEP-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Consultant-integrated foram and nanno report for sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4440 / 4379	DEF AT first sample examined	DEF AT
5450 / 5361	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6320 / 6188	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7970 / 7806	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8240 / 8076	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9530 / 9364	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9667 / 9501	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 07-JAN-1991	First Sample Examined: 3300
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 8601
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7611
API Well Number: 608114017500	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 3300 - 8600	Water Depth: 1659
Public Info Code: Y 26-SEP-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3287	DEF AT first sample examined	POS AT 2
3301 / 3288	DEF AT cement	POS AT 2
3330 / 3316	DEF AT faunal change (no faunal increase)	DEF AT 2
3900 / 3852	DEF AT faunal change (no faunal increase)	DEF AT 3
4950 / 4706	DEF AT faunal change (no faunal increase)	DEF AT 2
6300 / 5779	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
7080 / 6401	DEF AT faunal change (no faunal increase)	DEF AT 3
7140 / 6449	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
7920 / 7064	DEF AT faunal change (no faunal increase)	DEF AT 1
8460 / 7497	DEF AT faunal change (no faunal increase)	DEF AT 3
8550 / 7570	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8600 / 7611	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 228	Date of Summary: 14-JAN-1991	First Sample Examined: 3300
Lease Number: G05912	Source of Paleo: OPERATOR	Borehole MD: 8601
Well Name: 006	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 7611
API Well Number: 608114017500	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 3300 - 8600	Water Depth: 1659
Public Info Code: Y 26-SEP-1996	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3287	DEF AT first sample examined	DEF AT
3301 / 3288	DEF AT reworked material	DEF AT
3870 / 3825	POS AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
4020 / 3959	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4710 / 4519	DEF AT reworked material	DEF AT
8490 / 7521	DEF AT local marker floral decrease	DEF AT
8600 / 7611	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 254	Date of Summary: 06-FEB-1985	First Sample Examined: 4434
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 12061
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12061
API Well Number: 608114003800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 4434 - 12040	Water Depth: 3135
Public Info Code: Y 20-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4434 /	DEF AT first sample examined	DEF IN 5
4435 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
7030 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 5
7031 /	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
11350 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
11830 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
11890 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
12040 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 254	<b>Date of Summary:</b> 13-FEB-1985	<b>First Sample Examined:</b> 4434
<b>Lease Number:</b> G07049	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12061
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12061
<b>API Well Number:</b> 608114003800	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4434 - 11890	<b>Water Depth:</b> 3135
<b>Public Info Code:</b> Y 20-FEB-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4434 /	DEF AT first sample examined	DEF AT
4509 /	DEF AT floral flood	DEF AT
4510 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7120 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11800 /	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11890 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 254	Date of Summary: 22-MAR-1985	First Sample Examined: 6957
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 14486
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12786
API Well Number: 608114003801	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 6957 - 14450	Water Depth: 3135
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6957 / 6956	DEF AT first sample examined	POS IN 5
6958 / 6957	DEF AT cement	POS IN 5
7490 / 7477	DEF AT - - - - -	DEF IN 5
9440 / 9086	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
14450 / 12757	DEF AT last sample examined	DEF IN 5



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 254	<b>Date of Summary:</b> 22-MAR-1985	<b>First Sample Examined:</b> 6957
<b>Lease Number:</b> G07049	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14486
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12786
<b>API Well Number:</b> 608114003801	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6957 - 14420	<b>Water Depth:</b> 3135
<b>Public Info Code:</b> Y 12-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6957 / 6956	DEF AT first sample examined	DEF AT
10640 / 9913	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12350 /11117	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13070 /11670	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13520 /12028	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13970 /12382	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14420 /12733	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 254	Date of Summary: 09-APR-1985	First Sample Examined: 8600
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 11958
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11314
API Well Number: 608114003802	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 8600 - 11960	Water Depth: 3135
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 / 8477	DEF AT first sample examined	DEF IN 5
9140 / 8913	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF IN 5
11630 / 11028	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
11960 /	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 254	Date of Summary: 09-APR-1985	First Sample Examined: 8600
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 11958
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11314
API Well Number: 608114003802	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 8600 - 11960	Water Depth: 3135
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 / 8477	DEF AT first sample examined	DEF AT
8780 / 8622	POS IN Middle Pleistocene (Ionian) Crenalithus doronicoides (increase)	DEF AT
10850 / 10355	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11960 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 254	Date of Summary: 17-JUN-1985	First Sample Examined: 7000
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 16215
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14562
API Well Number: 608114003803	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 7000 - 16180	Water Depth: 3135
Public Info Code: Y 13-JUL-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF AT first sample examined	DEF IN 5
7330 / 7324	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 5
16180 /14534	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 254	<b>Date of Summary:</b> 17-JUN-1985	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G07049	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16215
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14562
<b>API Well Number:</b> 608114003803	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7000 - 16180	<b>Water Depth:</b> 3135
<b>Public Info Code:</b> Y 13-JUL-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF AT first sample examined	DEF AT
7001 / 7000	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11740 /10984	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
15640 /14115	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16180 /14534	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 286	Date of Summary: 15-AUG-1991	First Sample Examined: 4780
Lease Number: G07053	Source of Paleo: OPERATOR	Borehole MD: 14236
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14236
API Well Number: 608114018300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4780 - 14236	Water Depth: 3124
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Salmon River Prospect, company-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4780 / 4780	DEF AT first sample examined	DEF AT
4781 / 4781	DEF IN Pleistocene	DEF AT
5680 / 5680	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
5860 / 5860	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
6040 / 6040	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7190 / 7190	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7220 / 7220	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
8210 / 8210	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8450 / 8450	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9890 / 9890	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
9949 / 9949	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
9950 / 9950	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
10009 /10009	DEF AT unconformity	DEF AT
10010 /10010	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
10070 /10070	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10250 /10250	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11270 /11270	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11300 /11300	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
12170 /12170	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12200 /12200	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT
13190 /13189	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 286  
 Lease Number: G07053  
 Well Name: 001  
 API Well Number: 608114018300  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 31-MAY-1994

Date of Summary: 15-AUG-1991  
 Source of Paleo: OPERATOR  
 Paleo Done By: OPERATOR  
 Drilling Operator: EXXON MOBIL CORPORATION  
 Sample Range: 4780 - 14236  
 Ecozone Eq MMS:

First Sample Examined: 4780  
 Borehole MD: 14236  
 Borehole TVD: 14236  
 Rkb Elevation: 99  
 Water Depth: 3124  
 Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13609 /13607	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT
13610 /13608	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13611 /13609	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT
13729 /13727	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13730 /13728	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14148 /14145	POS AT reworked material	DEF AT
14149 /14146	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14150 /14147	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
14189 /14186	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14190 /14187	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14236 /14233	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 296	Date of Summary: 30-JUN-1994	First Sample Examined: 5400
Lease Number: G07057	Source of Paleo: OPERATOR	Borehole MD: 16407
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16023
API Well Number: 608115008400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 5400 - 14145	Water Depth: 3290
Public Info Code: Y 14-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5400 / 5397	DEF AT first sample examined	DEF AT
7710 / 7706	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
10110 /10106	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
11430 /11426	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
11460 /11456	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12570 /12566	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
13110 /13091	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13140 /13119	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
13920 /13827	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
14145 /	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 301	Date of Summary: 09-DEC-1986	First Sample Examined: 5700
Lease Number: G07058	Source of Paleo: OPERATOR	Borehole MD: 21228
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21228
API Well Number: 608114004000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 3	Sample Range: 5700 - 21210	Water Depth: 3171
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5700	DEF AT first sample examined	DEF IN 4
6360 / 6360	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8100 / 8100	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10410 /10410	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10680 /10680	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11550 /11550	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
16080 /16080	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
18540 /18540	DEF AT - - - - -	DEF AT 6
19950 /19950	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
21210 /21210	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 301	Date of Summary: 09-DEC-1986	First Sample Examined: 5700
Lease Number: G07058	Source of Paleo: OPERATOR	Borehole MD: 21228
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21228
API Well Number: 608114004000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 3	Sample Range: 5700 - 21210	Water Depth: 3171
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5700 / 5700	DEF AT first sample examined	DEF AT
6390 / 6390	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8310 / 8310	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9750 / 9750	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10260 /10260	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10530 /10530	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10620 /10620	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12120 /12120	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
16200 /16200	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
19980 /19980	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
21210 /21210	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 301	Date of Summary: 27-NOV-1989	First Sample Examined: 5700
Lease Number: G07058	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 21228
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 21228
API Well Number: 608114004000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 3 of 3	Sample Range: 5700 - 21210	Water Depth: 3171
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5700 / 5700	DEF AT first sample examined	DEF AT 3
5760 / 5760	POS IN Holocene Globorotalia inflata	DEF AT 3
6240 / 6240	DEF AT faunal change (no faunal increase)	DEF AT 4
6328 / 6328	DEF AT oxidized shale	DEF AT 4
6329 / 6329	DEF AT glauconite	DEF AT 4
6330 / 6330	POS AT unconformity	DEF AT 4
6360 / 6360	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6420 / 6420	DEF AT sample gap top	POS AT 5
6719 / 6719	DEF AT sample gap bottom	POS AT 5
6720 / 6720	POS AT Lower Pleistocene (Calabrian) Stilosomella antillea	POS AT 5
6840 / 6840	DEF AT cement	DEF AT 5
7020 / 7020	DEF AT sand	DEF AT 5
7170 / 7170	DEF AT cement	POS AT 5
7920 / 7920	DEF AT glauconite	DEF AT 5
7921 / 7921	DEF AT sand	DEF AT 5
7949 / 7949	DEF AT glauconite	DEF AT 5
7950 / 7950	DEF AT local marker foram decrease	DEF AT 5
8100 / 8100	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "A")	DEF AT 5
8160 / 8160	DEF AT oxidized shale	DEF AT 5
8340 / 8340	DEF AT cement	POS AT 5
8850 / 8850	DEF AT pyrite	DEF AT 5
9150 / 9150	DEF AT cement	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 301  
Lease Number: G07058  
Well Name: 001  
API Well Number: 608114004000  
Paleo Report Num: 3 of 3  
Public Info Code: Y 31-MAY-1994

Date of Summary: 27-NOV-1989  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: GAY LARRE'  
Drilling Operator: PLACID OIL COMPANY  
Sample Range: 5700 - 21210  
Ecozone Eq MMS: Y

First Sample Examined: 5700  
Borehole MD: 21228  
Borehole TVD: 21228  
Rkb Elevation: 99  
Water Depth: 3171  
Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9151 / 9151	DEF AT local marker foram increase	DEF AT 5
9180 / 9180	DEF AT local marker foram increase	DEF AT 5
9210 / 9210	DEF AT local marker deep water fauna	DEF AT 5
9419 / 9419	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9420 / 9420	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9540 / 9540	DEF AT local marker planktic foram increase	DEF AT 6
9600 / 9600	DEF AT pyrite	DEF AT 6
9960 / 9960	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 6
10020 /10020	POS AT unconformity	DEF AT 6
10410 /10410	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
10470 /10470	DEF AT oxidized shale	DEF AT 6
10530 /10530	DEF AT pyrite	DEF AT 6
10619 /10619	DEF AT gray shale	DEF AT 6
10620 /10620	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
10650 /10650	DEF AT reefal material	DEF AT 6
10680 /10680	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
10740 /10740	DEF AT oxidized shale	DEF AT 6
10770 /10770	DEF AT sand	DEF AT 6
11280 /11280	DEF AT pyrite	DEF AT 6
11550 /11550	DEF AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	DEF AT 6
11610 /11610	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12090 /12090	DEF AT local marker planktic foram increase	DEF AT 6
12840 /12840	DEF AT cement	DEF AT 6
12841 /12841	DEF AT oxidized shale	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 301  
Lease Number: G07058  
Well Name: 001  
API Well Number: 608114004000  
Paleo Report Num: 3 of 3  
Public Info Code: Y 31-MAY-1994

Date of Summary: 27-NOV-1989  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: GAY LARRE'  
Drilling Operator: PLACID OIL COMPANY  
Sample Range: 5700 - 21210  
Ecozone Eq MMS: Y

First Sample Examined: 5700  
Borehole MD: 21228  
Borehole TVD: 21228  
Rkb Elevation: 99  
Water Depth: 3171  
Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13800 /13800	POS AT unconformity	DEF AT 6
13830 /13830	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
14310 /14310	DEF AT glauconite	DEF AT 6
14362 /14362	DEF AT cement	DEF AT 6
14580 /14580	DEF AT local marker foram increase	DEF AT 6
15570 /15570	DEF AT sand	DEF AT 6
16080 /16080	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
16440 /16440	DEF AT sand	DEF AT 6
16560 /16560	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 6
16650 /16650	POS AT unconformity	POS AT 6
17850 /17850	POS AT fault	POS AT 6
17880 /17880	POS AT unconformity	POS AT 6
18270 /18270	DEF AT local marker foram increase	DEF AT 6
18330 /18330	DEF AT local marker foram decrease	DEF AT 6
18510 /18510	DEF AT foram flood	DEF AT 6
18690 /18690	POS AT unconformity	DEF AT 6
19440 /19440	POS AT unconformity	DEF AT 6
19620 /19620	DEF AT glauconite	DEF AT 6
19770 /19770	DEF AT oxidized shale	DEF AT 6
19830 /19830	POS AT unconformity	POS AT 6
19950 /19950	DEF AT local marker foram increase	DEF AT 6
19980 /19980	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
20100 /20100	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
20250 /20250	POS AT unconformity	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 301  
 Lease Number: G07058  
 Well Name: 001  
 API Well Number: 608114004000  
 Paleo Report Num: 3 of 3  
 Public Info Code: Y 31-MAY-1994

Date of Summary: 27-NOV-1989  
 Source of Paleo: MINERALS MANAGEMENT SERVICE  
 Paleo Done By: GAY LARRE'  
 Drilling Operator: PLACID OIL COMPANY  
 Sample Range: 5700 - 21210  
 Ecozone Eq MMS: Y

First Sample Examined: 5700  
 Borehole MD: 21228  
 Borehole TVD: 21228  
 Rkb Elevation: 99  
 Water Depth: 3171  
 Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20730 /20730	POS AT unconformity	DEF AT 6
20910 /20910	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
21060 /21060	DEF AT Bathysiphon fauna	DEF AT 6
21180 /21180	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
21210 /21210	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 326  
Lease Number: G09928  
Well Name: 001  
API Well Number: 608114022700  
Paleo Report Num: 1 of 2  
Public Info Code: Y 02-JAN-1999

Date of Summary: 02-JUN-1998  
Source of Paleo: OPERATOR  
Paleo Done By: THOMAS REILLY  
Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
Sample Range: 9810 - 20220  
Ecozone Eq MMS: Y

First Sample Examined: 9810  
Borehole MD: 20200  
Borehole TVD: 19850  
Rkb Elevation: 84  
Water Depth: 2549  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9810 / 9810	DEF AT first sample examined	DEF AT 3
9811 / 9811	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9960 / 9960	DEF AT faunal change (no faunal increase)	DEF IN 3
10050 /10050	DEF AT faunal change (no faunal increase)	DEF AT 4
10350 /10350	DEF AT faunal change (no faunal increase)	DEF IN 3
10500 /10500	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 3
10800 /10800	DEF AT faunal change (no faunal increase)	DEF AT 4
11100 /11100	DEF AT faunal change (no faunal increase)	DEF IN 3
11250 /11250	DEF AT faunal change (no faunal increase)	DEF AT 4
11430 /11430	DEF AT faunal change (no faunal increase)	DEF IN 3
11610 /11610	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
12270 /12270	DEF AT faunal change (no faunal increase)	DEF AT 4
12330 /12330	DEF AT faunal change (no faunal increase)	DEF IN 3
12780 /12780	DEF AT faunal change (no faunal increase)	DEF AT 4
12900 /12900	DEF AT faunal change (no faunal increase)	DEF AT
12960 /12960	DEF AT faunal change (no faunal increase)	DEF AT 4
13020 /13020	DEF AT faunal change (no faunal increase)	DEF AT
13050 /13050	DEF AT faunal change (no faunal increase)	DEF AT 4
13170 /13170	DEF AT faunal change (no faunal increase)	DEF IN 3
13470 /13470	DEF AT faunal change (no faunal increase)	DEF AT
13500 /13500	DEF AT faunal change (no faunal increase)	DEF IN 3
14280 /14280	DEF AT faunal change (no faunal increase)	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 326  
Lease Number: G09928  
Well Name: 001  
API Well Number: 608114022700  
Paleo Report Num: 1 of 2  
Public Info Code: Y 02-JAN-1999

Date of Summary: 02-JUN-1998  
Source of Paleo: OPERATOR  
Paleo Done By: THOMAS REILLY  
Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
Sample Range: 9810 - 20220  
Ecozone Eq MMS: Y

First Sample Examined: 9810  
Borehole MD: 20200  
Borehole TVD: 19850  
Rkb Elevation: 84  
Water Depth: 2549  
Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14400 /14400	DEF AT faunal change (no faunal increase)	DEF IN 3
14550 /14550	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14640 /14640	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14760 /14760	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
15450 /15450	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15780 /15780	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
16530 /16529	DEF AT faunal change (no faunal increase)	DEF IN 3
17100 /17099	DEF AT faunal change (no faunal increase)	DEF AT 4
17640 /17634	DEF AT faunal change (no faunal increase)	DEF IN 3
17880 /17867	DEF AT faunal change (no faunal increase)	DEF AT 4
18870 /18743	DEF AT faunal change (no faunal increase)	DEF IN 3
19110 /18938	DEF AT faunal change (no faunal increase)	DEF AT 4
19530 /19281	DEF AT faunal change (no faunal increase)	DEF IN 3
19920 /19595	DEF AT faunal change (no faunal increase)	DEF AT 4
20130 /19763	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
20190 /19811	DEF AT last sample examined	DEF AT 4

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



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 326	Date of Summary: 04-MAR-1999	First Sample Examined: 9810
Lease Number: G09928	Source of Paleo: OPERATOR	Borehole MD: 20200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19850
API Well Number: 608114022700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 4290 - 20220	Water Depth: 2549
Public Info Code: Y 02-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9810 / 9810	DEF AT first sample examined	DEF AT 3
10500 /10500	DEF AT faunal change (no faunal increase)	DEF IN 3
10800 /10800	DEF AT faunal change (no faunal increase)	DEF AT 4
10830 /10830	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyre	DEF AT 4
12990 /12990	POS AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
13440 /13440	DEF AT faunal change (no faunal increase)	DEF IN 3
14640 /14640	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14760 /14760	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
15300 /15300	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
15450 /15450	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15750 /15750	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
15780 /15780	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
17160 /17158	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
17970 /17953	POS AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 4
20130 /19763	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
20220 /	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 338	<b>Date of Summary:</b> 01-APR-1998	<b>First Sample Examined:</b> 9800
<b>Lease Number:</b> G11054	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16185
<b>Well Name:</b> 001	<b>Paleo Done By:</b> BUGWARE, INC.	<b>Borehole TVD:</b> 16000
<b>API Well Number:</b> 608115012600	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 5044 - 16185	<b>Water Depth:</b> 3244
<b>Public Info Code:</b> Y 30-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9796	DEF AT first sample examined	DEF AT
9890 / 9886	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
11540 /11535	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11570 /11565	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
11900 /11895	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13050 /13039	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13140 /13126	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13200 /13184	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
13230 /13213	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14880 /14772	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 338	Date of Summary: 18-APR-1998	First Sample Examined: 9800
Lease Number: G11054	Source of Paleo: OPERATOR	Borehole MD: 16185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 608115012600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 2 of 3	Sample Range: 5044 - 16185	Water Depth: 3244
Public Info Code: Y 30-APR-1999	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>
9800 / 9796	DEF AT first sample examined	DEF AT 4
11540 /11535	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11900 /11895	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
13050 /13039	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
13140 /13126	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
13170 /13155	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13200 /13184	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
13260 /13242	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
13440 /13413	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
14490 /14404	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
14610 /14517	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
14880 /14772	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16185 /16000	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 338	Date of Summary: 20-APR-1998	First Sample Examined: 9800
Lease Number: G11054	Source of Paleo: OPERATOR	Borehole MD: 16185
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 16000
API Well Number: 608115012600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 3 of 3	Sample Range: 5044 - 16185	Water Depth: 3244
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>		
9800 / 9796	DEF AT first sample examined	POS	AT	3
9860 / 9856	DEF AT faunal change (no faunal increase)	DEF	AT	3
9890 / 9886	DEF AT local marker foram increase	DEF	AT	3
10010 /10006	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF	AT	3
10070 /10066	DEF AT faunal change (no faunal increase)	DEF	AT	4
10250 /10246	DEF AT faunal change (no faunal increase)	DEF	AT	3
10640 /10636	DEF AT faunal change (no faunal increase)	DEF	AT	4
11540 /11535	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF	AT	4
11660 /11655	DEF AT faunal change (no faunal increase)	DEF	AT	3
11720 /11715	DEF AT faunal change (no faunal increase)	DEF	AT	4
11750 /11745	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF	AT	4
12050 /12045	DEF AT faunal change (no faunal increase)	DEF	AT	3
12350 /12345	DEF AT faunal change (no faunal increase)	DEF	AT	4
12560 /12555	DEF AT local marker foram increase	DEF	AT	4
13050 /13039	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF	AT	4
13170 /13155	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF	AT	4
13230 /13213	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF	AT	4
13260 /13242	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF	AT	4
13440 /13413	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF	AT	4
13740 /13695	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF	AT	4
13770 /13723	DEF AT local marker (general)	DEF	AT	4
14100 /14034	DEF AT faunal change (no faunal increase)	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-1994

End Date: 31-DEC-1999

Area Block: GC 338	Date of Summary: 20-APR-1998	First Sample Examined: 9800
Lease Number: G11054	Source of Paleo: OPERATOR	Borehole MD: 16185
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 16000
API Well Number: 608115012600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 3 of 3	Sample Range: 5044 - 16185	Water Depth: 3244
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14400 /14318	DEF AT faunal change (no faunal increase)	DEF AT 4
14490 /14404	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
14610 /14517	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
14820 /14716	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
14880 /14772	DEF AT local marker foram increase	DEF AT 4
15450 /15310	DEF AT local marker foram increase	DEF AT 4
15545 /15399	DEF AT faunal change (no faunal increase)	DEF AT 4
16170 /15986	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 429	Date of Summary: 22-APR-1994	First Sample Examined: 5860
Lease Number: G07069	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12499
API Well Number: 608115008200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5860 - 12500	Water Depth: 3690
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Absaroka Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5860 / 5860	DEF AT first sample examined	DEF IN 4
6819 / 6819	DEF IN Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF IN 4
6820 / 6820	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
7240 / 7240	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 4
8380 / 8380	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
8680 / 8680	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
10153 /10153	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF IN 4
11050 /11050	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
11170 /11170	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 4
11320 /11320	DEF AT reworked material	DEF IN 4
11410 /11410	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
11620 /11620	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT 4
11710 /11710	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
11729 /11729	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 6
11730 /11730	DEF AT condensed section	DEF AT 6
11731 /11731	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 6
11734 /11734	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 6
11738 /11738	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 6
11740 /11740	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 6
11769 /11769	DEF AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	DEF AT 6
11770 /11770	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
11860 /11860	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 429	Date of Summary: 22-APR-1994	First Sample Examined: 5860
Lease Number: G07069	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12499
API Well Number: 608115008200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5860 - 12500	Water Depth: 3690
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12500 /12499	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 461	Date of Summary: 23-JUL-1998	First Sample Examined: 6484
Lease Number: G11064	Source of Paleo: OPERATOR	Borehole MD: 20500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19333
API Well Number: 608114023000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6484 - 20500	Water Depth: 4229
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, 16500=Upper Pliocene Sphaeroidinella dehiscens increase

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6484 / 6484	DEF AT first sample examined	POS AT 4
8070 / 8069	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
9630 / 9629	DEF AT faunal change (no faunal increase)	DEF IN 4
10650 /10649	DEF AT faunal change (no faunal increase)	POS AT 4
12810 /12809	DEF AT faunal change (no faunal increase)	DEF AT 4
12930 /12929	DEF AT faunal change (no faunal increase)	POS AT 4
13740 /13698	DEF AT faunal change (no faunal increase)	DEF AT 4
14330 /14206	DEF AT cement	POS AT 4
14400 /14265	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	POS AT 4
15150 /14891	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	POS AT 4
15180 /14916	DEF AT faunal change (no faunal increase)	DEF IN 4
15210 /14940	DEF AT local marker foram increase	DEF IN 4
15330 /15039	DEF AT faunal change (no faunal increase)	POS AT 4
15450 /15137	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	POS AT 4
15480 /15162	DEF AT faunal change (no faunal increase)	DEF AT 4
16499 /16001	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
16500 /16002	DEF IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
16740 /16203	DEF AT faunal change (no faunal increase)	POS AT 4
19650 /18627	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	POS AT 4
19740 /18700	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	POS AT 4
19830 /18774	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 4
19859 /18798	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 461	Date of Summary: 23-JUL-1998	First Sample Examined: 6484
Lease Number: G11064	Source of Paleo: OPERATOR	Borehole MD: 20500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19333
API Well Number: 608114023000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6484 - 20500	Water Depth: 4229
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19860 /18798	DEF AT local marker foram increase	DEF IN 4
19890 /18823	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
20010 /18922	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
20500 /19333	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 461	Date of Summary: 26-AUG-1998	First Sample Examined: 14340
Lease Number: G11064	Source of Paleo: OPERATOR	Borehole MD: 19596
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17325
API Well Number: 608114023001	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 14340 - 19576	Water Depth: 4240
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, 16500=Sphaeroidinella dehiscens increase, 18480=weak increase in Sphaeroidinella dehiscens

MD / TVD	Paleo Top Description	Ecozone
14340 /14213	DEF AT first sample examined	DEF AT
14430 /14282	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
15090 /14730	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
15450 /14954	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16200 /15387	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16440 /15527	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
16500 /15562	DEF AT local marker planktic foram increase	DEF IN 4
16590 /15615	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
17220 /15984	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
17880 /16370	DEF AT faunal change (no faunal increase)	POS IN 4
18480 /16706	POS AT local marker planktic foram increase	POS IN 4
19170 /17091	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	POS IN 4
19319 /17176	DEF AT foram flood	DEF IN 4
19320 /17176	DEF AT local marker planktic foram increase	DEF IN 4
19350 /17194	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 4
19470 /17264	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
19576 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 463	Date of Summary: 08-DEC-1998	First Sample Examined: 9102
Lease Number: G11066	Source of Paleo: OPERATOR	Borehole MD: 19808
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19000
API Well Number: 608114023301	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 9102 - 19808	Water Depth: 4032
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, 14510=Sphaeroidinella dehiscens increase

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9102 / 9102	DEF AT first sample examined	POS AT 4
9270 / 9270	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	POS AT 4
11430 /11426	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	POS AT 4
13580 /13485	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	POS AT 4
13610 /13511	DEF AT -----	DEF IN 4
14059 /13913	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
14060 /13913	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
14509 /14316	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
14510 /14317	DEF AT local marker planktic foram increase	DEF IN 4
14570 /14371	DEF AT -----	POS IN 4
15260 /14992	DEF AT -----	DEF IN 4
15530 /15232	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
15650 /15340	DEF AT -----	POS IN 4
15740 /15420	DEF AT -----	DEF IN 4
15830 /15500	DEF AT -----	POS IN 4
16280 /15901	DEF AT local marker foram increase	DEF AT 5
16281 /15902	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
16610 /16203	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
16670 /16258	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
16760 /16341	DEF AT local marker planktic foram increase	DEF AT 5
16850 /16423	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
17030 /16584	DEF AT -----	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 463  
 Lease Number: G11066  
 Well Name: 001  
 API Well Number: 608114023301  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-APR-1999

Date of Summary: 08-DEC-1998  
 Source of Paleo: OPERATOR  
 Paleo Done By: OPERATOR  
 Drilling Operator: BP EXPLORATION & OIL INC  
 Sample Range: 9102 - 19808  
 Ecozone Eq MMS: Y

First Sample Examined: 9102  
 Borehole MD: 19808  
 Borehole TVD: 19000  
 Rkb Elevation: 86  
 Water Depth: 4032  
 Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17150 /16690	DEF AT -----	POS IN 4
17570 /17058	DEF AT -----	DEF IN 5
17600 /17085	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
17750 /17215	DEF AT -----	DEF AT 5
17930 /17372	DEF AT -----	POS IN 4
18170 /17581	DEF AT -----	DEF AT 5
18530 /17895	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
18560 /17921	DEF AT local marker planktic foram increase	DEF AT 5
18620 /17974	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
18680 /18026	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
18800 /18131	DEF AT -----	POS IN 4
19100 /18391	DEF AT -----	DEF IN 4
19340 /18599	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF IN 4
19808 /19000	DEF AT last sample examined	DEF IN 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 472	Date of Summary: 15-FEB-1989	First Sample Examined: 5840
Lease Number: G05097	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 13988
API Well Number: 608115006600	Drilling Operator: CONOCO INC	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 5840 - 14000	Water Depth: 3778
Public Info Code: Y 08-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5840 / 5840	DEF AT first sample examined	DEF AT
6590 / 6589	DEF AT reworked material	DEF AT
7130 / 7128	POS AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
7370 / 7367	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
7400 / 7397	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa (acme)	DEF AT
7580 / 7577	DEF AT local marker floral decrease	DEF AT
7850 / 7847	POS AT local marker floral increase	DEF AT
8510 / 8507	DEF AT local marker floral decrease	DEF AT
8840 / 8836	DEF AT local marker floral decrease	DEF AT
9290 / 9285	POS AT local marker floral increase	DEF AT
10190 /10183	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10220 /10213	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10400 /10393	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14000 /13989	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 472  
Lease Number: G05097  
Well Name: 001  
API Well Number: 608115006600  
Paleo Report Num: 2 of 2  
Public Info Code: Y 08-MAR-1999

Date of Summary: 16-FEB-1989  
Source of Paleo: OPERATOR  
Paleo Done By: CROSBIE-MACOMBER  
Drilling Operator: CONOCO INC  
Sample Range: 5840 - 14000  
Ecozone Eq MMS: Y

First Sample Examined: 5840  
Borehole MD: 14000  
Borehole TVD: 13988  
Rkb Elevation: 32  
Water Depth: 3778  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 5840	DEF AT first sample examined	POS AT 1
5900 / 5900	DEF AT faunal change (no faunal increase)	DEF AT 1
6260 / 6259	DEF AT faunal change (no faunal increase)	DEF AT 2
6650 / 6649	DEF AT faunal change (no faunal increase)	DEF AT 1
6800 / 6798	DEF AT faunal change (no faunal increase)	DEF AT 2
7370 / 7367	DEF AT faunal change (no faunal increase)	DEF AT 3
7940 / 7937	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8090 / 8087	DEF AT faunal change (no faunal increase)	DEF AT 2
8240 / 8237	DEF AT faunal change (no faunal increase)	DEF AT 1
8450 / 8447	POS AT faunal change (no faunal increase)	DEF AT 1
8750 / 8747	DEF AT faunal change (no faunal increase)	DEF AT 2
9380 / 9375	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
9500 / 9495	DEF AT faunal change (no faunal increase)	DEF AT 3
9620 / 9614	DEF AT faunal change (no faunal increase)	DEF AT 4
9650 / 9644	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
9760 / 9754	DEF AT cement	POS AT 3
9800 / 9794	DEF AT faunal change (no faunal increase)	DEF AT 3
10130 /10123	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10370 /10363	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
10430 /10423	DEF AT sample gap top	POS AT 3
10475 /10467	DEF AT sample gap bottom	DEF AT 3
11120 /11111	DEF AT faunal change (no faunal increase)	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 472	Date of Summary: 16-FEB-1989	First Sample Examined: 5840
Lease Number: G05097	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13988
API Well Number: 608115006600	Drilling Operator: CONOCO INC	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 5840 - 14000	Water Depth: 3778
Public Info Code: Y 08-MAR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11450 /11441	DEF AT faunal change (no faunal increase)	DEF AT 3
11840 /11830	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
12260 /12250	DEF AT faunal change (no faunal increase)	DEF AT 4
12380 /12370	DEF AT faunal change (no faunal increase)	DEF AT 3
12830 /12819	DEF AT local marker foram increase	DEF AT 4
13970 /13959	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 505	Date of Summary: 29-JUN-1997	First Sample Examined: 6700
Lease Number: G08879	Source of Paleo: OPERATOR	Borehole MD: 22272
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21816
API Well Number: 608114021500	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6700 - 18140	Water Depth: 4280
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Fuji Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
6700 / 6700	DEF AT first sample examined	DEF AT
6701 / 6701	DEF IN Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
7600 / 7600	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
8950 / 8950	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
11650 /11576	DEF AT local marker floral increase	DEF AT
13330 /13140	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
14840 /14554	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
15379 /15069	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
15380 /15070	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
15500 /15187	DEF IN Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
16460 /16125	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
17060 /16718	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT
17239 /16895	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
17240 /16896	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
17539 /17193	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17540 /17194	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
17720 /17373	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
18139 /17790	DEF IN salt	DEF AT
18140 /17791	DEF AT last sample examined	DEF AT

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



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 505	Date of Summary: 11-AUG-1997	First Sample Examined: 6700
Lease Number: G08879	Source of Paleo: OPERATOR	Borehole MD: 22272
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21816
API Well Number: 608114021500	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6700 - 18170	Water Depth: 4280
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Fuji Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6700	DEF AT first sample examined	DEF IN 3
6701 / 6701	DEF IN Illinoian fauna (local marker)	DEF IN 3
7360 / 7360	DEF AT local marker foram increase	DEF IN 3
7480 / 7480	DEF AT faunal change (no faunal increase)	DEF AT 4
7600 / 7600	DEF AT local marker planktic foram increase	DEF AT 4
7660 / 7660	DEF AT local marker foram increase	DEF AT 4
7810 / 7810	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
7900 / 7900	DEF AT faunal change (no faunal increase)	DEF AT 4
8710 / 8710	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
8740 / 8740	DEF AT faunal change (no faunal increase)	DEF AT 4
8890 / 8890	DEF AT sand	DEF IN 3
9040 / 9040	POS AT local marker foram increase	DEF AT 4
9130 / 9130	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
9520 / 9520	DEF AT local marker foram increase	DEF AT 4
9550 / 9550	DEF AT faunal change (no faunal increase)	DEF IN 4
9580 / 9580	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
10600 /10584	DEF AT sand	DEF AT 4
10720 /10700	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
11590 /11520	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
11800 /11717	DEF AT faunal change (no faunal increase)	DEF AT 4
12310 /12192	DEF AT sand	DEF IN 4
12610 /12471	DEF AT faunal change (no faunal increase)	DEF AT 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-1994

End Date: 31-DEC-1999

Area Block: GC 505  
Lease Number: G08879  
Well Name: 001  
API Well Number: 608114021500  
Paleo Report Num: 2 of 2  
Public Info Code: Y 22-DEC-1999

Date of Summary: 11-AUG-1997  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: TEXACO EXPLORATION AND PROD  
Sample Range: 6700 - 18170  
Ecozone Eq MMS: Y

First Sample Examined: 6700  
Borehole MD: 22272  
Borehole TVD: 21816  
Rkb Elevation: 86  
Water Depth: 4280  
Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12640 /12499	DEF AT local marker benthic foram increase	DEF IN 4
12700 /12555	DEF AT faunal change (no faunal increase)	DEF AT 4
13030 /12862	DEF AT faunal change (no faunal increase)	DEF IN 4
13090 /12917	DEF AT faunal change (no faunal increase)	DEF AT 4
13750 /13532	DEF AT local marker foram increase	DEF IN 4
13810 /13589	DEF AT faunal change (no faunal increase)	DEF AT 4
14810 /14525	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
14960 /14668	DEF AT faunal change (no faunal increase)	DEF IN 3
15200 /14897	DEF AT faunal change (no faunal increase)	DEF AT 3
16010 /15683	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
16040 /15713	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
16160 /15830	DEF AT faunal change (no faunal increase)	DEF AT 3
17090 /16748	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
17209 /16866	DEF AT foram flood	DEF AT 5
17210 /16867	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
17329 /16985	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
17330 /16986	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
17360 /17016	DEF AT faunal change (no faunal increase)	DEF IN 4
17390 /17045	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 4
17420 /17075	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
17450 /17105	DEF AT faunal change (no faunal increase)	DEF AT 4
17598 /17252	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
17599 /17253	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
17600 /17254	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 505	Date of Summary: 11-AUG-1997	First Sample Examined: 6700
Lease Number: G08879	Source of Paleo: OPERATOR	Borehole MD: 22272
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21816
API Well Number: 608114021500	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6700 - 18170	Water Depth: 4280
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17749 /17402	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
17750 /17403	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
17810 /17463	DEF AT sand	DEF AT 4
18050 /17702	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
18139 /17790	DEF AT gypsum	DEF IN 4
18140 /17791	DEF AT gouge	DEF IN 4
18170 /17821	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 505	<b>Date of Summary:</b> 05-DEC-1997	<b>First Sample Examined:</b> 14210
<b>Lease Number:</b> G08880	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19748
<b>Well Name:</b> 002	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 18406
<b>API Well Number:</b> 608114022200	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 14210 - 19550	<b>Water Depth:</b> 4262
<b>Public Info Code:</b> Y 22-DEC-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Fuji Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14210 /13520	DEF AT first sample examined	DEF AT
14390 /13664	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16670 /15539	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16970 /15808	DEF AT local marker floral increase	DEF AT
17990 /16749	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
18170 /16917	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
18770 /17479	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
18890 /17592	DEF AT local marker floral increase	DEF AT
19130 /17819	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT
19550 /18217	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 505	Date of Summary: 19-DEC-1997	First Sample Examined: 14210
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 19748
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 18406
API Well Number: 608114022200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 14210 - 19748	Water Depth: 4262
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Fuji Prospect

MD / TVD	Paleo Top Description	Ecozone
14210 /13520	DEF AT first sample examined	POS AT 3
14211 /13521	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 3
14300 /13592	DEF AT faunal change (no faunal increase)	DEF AT 3
15320 /14413	DEF AT local marker benthic foram increase	DEF AT 3
16070 /15023	POS AT local marker foram increase	DEF AT 3
16340 /15251	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
17870 /16638	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
18020 /16777	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
18050 /16805	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
18109 /16860	DEF AT foram flood	DEF AT 5
18110 /16861	DEF AT local marker planktic foram increase	DEF AT 5
18230 /16973	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
18290 /17029	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
18379 /17112	DEF AT foram flood	DEF IN 5
18380 /17113	DEF AT local marker planktic foram increase	DEF IN 5
18560 /17282	DEF AT faunal change (no faunal increase)	DEF AT 4
18620 /17338	DEF AT -----	DEF IN 3
18650 /17366	DEF AT -----	DEF AT 4
18680 /17395	DEF AT -----	DEF IN 3
18770 /17479	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
18890 /17592	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 3
18980 /17677	DEF AT -----	DEF AT 4

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 MINERALS MANAGEMENT SERVICE  
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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 505	<b>Date of Summary:</b> 19-DEC-1997	<b>First Sample Examined:</b> 14210
<b>Lease Number:</b> G08880	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19748
<b>Well Name:</b> 002	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 18406
<b>API Well Number:</b> 608114022200	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 14210 - 19748	<b>Water Depth:</b> 4262
<b>Public Info Code:</b> Y 22-DEC-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19250 /17933	DEF AT salt	DEF AT 4
19370 /18046	DEF AT gypsum	DEF AT 4
19748 /18405	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 506	<b>Date of Summary:</b> 06-FEB-1995	<b>First Sample Examined:</b> 6340
<b>Lease Number:</b> G08880	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 21192
<b>API Well Number:</b> 608114020200	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6340 - 21200	<b>Water Depth:</b> 4243
<b>Public Info Code:</b> Y 22-DEC-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 6340	DEF AT first sample examined	DEF AT
7150 / 7150	DEF AT floral flood	DEF AT
7270 / 7270	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7300 / 7300	DEF AT floral flood	DEF AT
8320 / 8320	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
10770 /10769	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11550 /11549	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa T.R.	DEF AT
11640 /11639	DEF AT floral flood	DEF AT
11700 /11699	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
13740 /13739	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
15630 /15629	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16630 /16629	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16810 /16808	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
17200 /17198	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
19060 /19056	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
19090 /19086	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
19180 /19176	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
19240 /19236	DEF AT floral flood	DEF AT
19510 /19506	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
19540 /19536	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
19720 /19715	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT
20290 /20285	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 506	<b>Date of Summary:</b> 06-FEB-1995	<b>First Sample Examined:</b> 6340
<b>Lease Number:</b> G08880	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 21200
<b>Well Name:</b> 001	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 21192
<b>API Well Number:</b> 608114020200	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6340 - 21200	<b>Water Depth:</b> 4243
<b>Public Info Code:</b> Y 22-DEC-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21010 /21002	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
21130 /21122	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
21200 /21192	DEF AT last sample examined	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 15-FEB-1995	First Sample Examined: 6340
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 21200
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21192
API Well Number: 608114020200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 46
Paleo Report Num: 2 of 2	Sample Range: 6340 - 21200	Water Depth: 4243
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 6340	DEF AT first sample examined	POS IN 3
6341 / 6341	DEF IN Illinoian fauna (local marker)	POS IN 3
6850 / 6850	DEF IN Holocene Globorotalia inflata	DEF IN 3
6970 / 6970	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
7060 / 7060	DEF AT local marker benthic foram increase	DEF IN 3
7180 / 7180	DEF AT local marker planktic foram increase	DEF AT 4
7330 / 7330	DEF AT local marker foram decrease	DEF IN 3
8500 / 8500	DEF AT local marker planktic foram increase	DEF AT 4
8820 / 8820	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 2
8910 / 8910	DEF AT local marker planktic foram increase	DEF IN 3
8970 / 8970	DEF AT foram flood	DEF IN 3
9030 / 9030	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
9840 / 9839	DEF AT faunal change (no faunal increase)	DEF AT 3
9870 / 9869	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
10380 /10379	DEF AT local marker planktic foram increase	DEF IN 3
10920 /10919	DEF AT local marker foram decrease	DEF AT 3
11160 /11159	DEF AT local marker planktic foram increase	DEF IN 3
11430 /11429	DEF AT local marker benthic foram increase	DEF IN 3
11520 /11519	DEF AT glauconite	DEF AT 4
11610 /11609	DEF AT faunal change (no faunal increase)	DEF IN 4
11640 /11639	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
13080 /13079	DEF AT faunal change (no faunal increase)	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506  
Lease Number: G08880  
Well Name: 001  
API Well Number: 608114020200  
Paleo Report Num: 2 of 2  
Public Info Code: Y 22-DEC-1999

Date of Summary: 15-FEB-1995  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: TEXACO EXPLORATION AND PROD  
Sample Range: 6340 - 21200  
Ecozone Eq MMS: Y

First Sample Examined: 6340  
Borehole MD: 21200  
Borehole TVD: 21192  
Rkb Elevation: 46  
Water Depth: 4243  
Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13320 /13319	DEF AT volcanics	DEF AT 3
13620 /13619	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
14820 /14819	DEF AT faunal change (no faunal increase)	DEF AT 3
15780 /15779	DEF AT transported inner shelf facies	POS AT 3
16630 /16629	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
17170 /17168	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
17290 /17288	DEF AT foram flood	DEF IN 4
17320 /17318	DEF AT local marker planktic foram increase	DEF IN 4
17770 /17768	DEF AT local marker planktic foram increase	DEF IN 3
17860 /17858	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
17920 /17918	DEF AT faunal change (no faunal increase)	DEF IN 3
18940 /18937	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
18970 /18966	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
19030 /19026	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
19060 /19056	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 4
19090 /19086	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 4
19179 /19175	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
19180 /19176	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
19210 /19206	DEF AT foram flood	DEF IN 4
19240 /19236	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
19600 /19596	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 3
19749 /19744	DEF AT foram flood	DEF AT 4
19750 /19745	DEF AT foram flood	DEF AT 4
19810 /19805	DEF AT foram flood	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-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 15-FEB-1995	First Sample Examined: 6340
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 21200
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21192
API Well Number: 608114020200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 46
Paleo Report Num: 2 of 2	Sample Range: 6340 - 21200	Water Depth: 4243
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20050 /20045	DEF AT faunal change (no faunal increase)	DEF AT 3
20229 /20224	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 4
20230 /20225	DEF AT Lower Pliocene (Zanclian) <i>Globigerina druryi</i> / <i>nepenthes</i> "B"	DEF AT 4
20440 /20434	DEF AT Lower Pliocene (Zanclian) <i>Globigerina nepenthes</i>	DEF IN 3
20470 /20464	DEF AT faunal change (no faunal increase)	DEF AT 4
20709 /20702	DEF AT Bathysiphon fauna	DEF AT 4
20710 /20703	DEF AT Upper Miocene (Messinian) <i>Globorotalia menardii</i> (coiling change right/left)	DEF AT 4
21010 /21002	DEF AT foram flood	DEF IN 4
21039 /21031	DEF AT Upper Miocene (Messinian) <i>Globorotalia margaritae primitiva</i>	DEF IN 4
21040 /21032	DEF AT Upper Miocene (Messinian) <i>Globorotalia juanai</i>	DEF IN 4
21130 /21122	DEF AT Upper Miocene (Messinian) <i>Textularia tatumi</i>	DEF IN 4
21200 /21192	DEF AT last sample examined	DEF IN 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GC 506	<b>Date of Summary:</b> 02-DEC-1998	<b>First Sample Examined:</b> 14010
<b>Lease Number:</b> G08880	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17015
<b>Well Name:</b> 003	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 16250
<b>API Well Number:</b> 608114023401	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 14010 - 17015	<b>Water Depth:</b> 4250
<b>Public Info Code:</b> Y 22-DEC-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Fuji Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14010 /14008	DEF AT first sample examined	DEF AT
14610 /14601	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
14910 /14879	DEF AT local marker floral increase	DEF AT
15690 /15437	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
15930 /15583	DEF AT local marker floral increase	DEF AT
16290 /15808	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
17015 /16250	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 04-DEC-1998	First Sample Examined: 14040
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 17015
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 16250
API Well Number: 608114023401	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 14040 - 17015	Water Depth: 4250
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Fuji Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14040 /14038	DEF AT first sample examined	DEF IN 2
14580 /14572	DEF AT - - - - -	DEF AT 3
14609 /14600	DEF AT condensed section	DEF AT 3
14610 /14601	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
14879 /14851	DEF AT maximum flooding surface	DEF IN 3
14880 /14852	DEF AT condensed section	DEF IN 3
15060 /15007	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
15180 /15101	DEF AT local marker benthic foram increase	DEF IN 2
15630 /15400	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 3
15690 /15437	DEF AT - - - - -	DEF IN 2
15810 /15510	DEF AT local marker planktic foram increase	DEF AT 3
15960 /15601	DEF AT - - - - -	DEF IN 2
16110 /15695	DEF AT - - - - -	DEF AT 3
16260 /15789	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
17015 /16250	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 19-JAN-1999	First Sample Examined: 14040
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 23103
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22169
API Well Number: 608114023402	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 14040 - 23103	Water Depth: 4250
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Fuji Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14040 /14038	DEF AT first sample examined	DEF AT
14041 /14039	DEF IN Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
14760 /14751	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16440 /16205	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
17190 /16804	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
18840 /18115	DEF AT local marker floral increase	DEF AT
20100 /19229	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
20160 /19286	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
20280 /19399	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
20340 /19456	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
20460 /19571	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT
21699 /20776	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
21700 /20777	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
22140 /21210	DEF AT local marker floral increase	DEF AT
22500 /21567	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
22740 /21807	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
22800 /21867	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
23010 /22076	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
23013 /22079	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 27-JAN-1999	First Sample Examined: 17010
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 23103
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22169
API Well Number: 608114023402	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 17010 - 23103	Water Depth: 4250
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Fuji Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17010 /16660	DEF AT first sample examined	DEF AT 3
17070 /16708	DEF AT black shale	DEF AT 3
17190 /16804	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
17220 /16828	DEF AT local marker foram increase	DEF IN 4
17310 /16900	DEF AT -----	DEF AT 4
17580 /17114	DEF AT -----	DEF IN 4
17670 /17184	DEF AT pyrite	DEF IN 4
18840 /18115	DEF AT local marker foram increase	DEF IN 4
19050 /18292	DEF AT Arenaceous fauna (local marker)	DEF AT 3
20070 /19201	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
20160 /19286	DEF AT foram flood	DEF IN 4
20190 /19314	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
20280 /19399	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
20300 /19418	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF IN 4
20460 /19571	DEF AT -----	DEF AT 4
21000 /20093	DEF AT -----	DEF IN 3
21300 /20386	DEF AT -----	DEF AT 4
21600 /20679	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
21630 /20709	DEF AT local marker foram increase	DEF AT 4
21690 /20767	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
21750 /20826	DEF AT -----	DEF IN 4
21810 /20885	DEF AT -----	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 27-JAN-1999	First Sample Examined: 17010
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 23103
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22169
API Well Number: 608114023402	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 17010 - 23103	Water Depth: 4250
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21870 /20944	DEF AT foram flood	DEF IN 4
21990 /21062	DEF AT -----	DEF AT 4
22170 /21240	DEF AT local marker foram increase	DEF IN 4
22200 /21270	DEF AT pyrite	DEF IN 4
22290 /21359	DEF AT -----	DEF AT 4
22470 /21538	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 4
22500 /21567	DEF AT foram flood	DEF IN 4
22590 /21657	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 4
22620 /21687	DEF AT foram flood	DEF IN 4
22740 /21807	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
22770 /21837	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
22830 /21897	DEF AT -----	DEF AT 4
23010 /22076	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4
23103 /22169	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-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 19-JAN-1999	First Sample Examined: 21870
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 23649
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22689
API Well Number: 608114023403	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 21870 - 23640	Water Depth: 4250
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Fuji Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
21870 /20944	DEF AT first sample examined	DEF AT
21871 /20945	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
22530 /21594	DEF AT Upper Miocene (Messinian) Discoaster quinqueram us	DEF AT
22710 /21770	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
22770 /21829	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
22830 /21888	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
23070 /22123	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
23640 /22681	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 506	Date of Summary: 02-FEB-1999	First Sample Examined: 21870
Lease Number: G08880	Source of Paleo: OPERATOR	Borehole MD: 23649
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22689
API Well Number: 608114023403	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 21870 - 23640	Water Depth: 4250
Public Info Code: Y 22-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Fuji Prospect

MD / TVD	Paleo Top Description	Ecozone
21870 /20944	DEF AT first sample examined	DEF AT 4
21871 /20945	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
22110 /21181	DEF AT -----	DEF IN 3
22500 /21565	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 4
22590 /21653	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 4
22770 /21829	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
22830 /21888	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
22950 /22006	DEF AT -----	DEF IN 3
23070 /22123	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
23130 /22182	DEF AT -----	DEF IN 3
23190 /22241	DEF AT local marker foram increase	DEF IN 3
23250 /22299	DEF AT -----	DEF AT 3
23429 /22475	DEF AT local marker foram increase	DEF AT 3
23430 /22476	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
23640 /22681	DEF AT last sample examined	DEF AT 3

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 509	Date of Summary: 08-JUL-1996	First Sample Examined: 6516
Lease Number: G08881	Source of Paleo: OPERATOR	Borehole MD: 15100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 1503
API Well Number: 608115009600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6516 - 15100	Water Depth: 4380
Public Info Code: Y 31-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
6516 / 6513	DEF AT first sample examined	DEF AT
6517 / 6514	DEF IN Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
6810 / 6805	DEF AT local marker floral decrease	DEF AT
6990 / 6983	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
7170 / 7159	DEF AT floral flood	DEF AT
7410 / 7392	DEF AT floral flood	DEF AT
7530 / 7509	DEF AT floral flood	DEF AT
9000 / 8939	POS AT floral flood	DEF AT
9300 / 9238	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
10140 /10078	DEF AT local marker floral decrease	DEF AT
12540 /12478	DEF AT local marker floral increase	DEF AT
15100 /15037	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 509	Date of Summary: 12-AUG-1996	First Sample Examined: 6516
Lease Number: G08881	Source of Paleo: OPERATOR	Borehole MD: 15100
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 1503
API Well Number: 608115009600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6516 - 15100	Water Depth: 4380
Public Info Code: Y 31-MAY-1997	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6515 / 6512	DEF AT first sample examined	DEF AT 4
6516 / 6513	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6720 / 6716	DEF IN Wisconsin fauna (local marker)	DEF AT 5
6840 / 6835	DEF AT -----	DEF AT 4
7050 / 7042	DEF AT local marker foram increase	DEF AT 4
7080 / 7071	DEF AT -----	DEF AT 4
7170 / 7159	DEF AT foram flood	DEF AT 5
7200 / 7188	DEF AT -----	DEF AT 4
7620 / 7596	DEF AT -----	DEF AT 5
7770 / 7741	DEF AT -----	DEF AT 3
8160 / 8120	DEF AT local marker planktic foram increase	DEF AT 3
9030 / 8969	DEF AT local marker benthic foram increase	DEF AT 3
9960 / 9898	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
11280 /11218	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 6
12360 /12298	DEF AT local marker foram increase	DEF AT 3
12600 /12538	DEF AT cement	DEF AT 3
14880 /14817	POS AT reworked material	DEF AT 3
15100 /15037	DEF AT last sample examined	DEF AT 3

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 544	Date of Summary: 01-JUL-1998	First Sample Examined: 5560
Lease Number: G09940	Source of Paleo: OPERATOR	Borehole MD: 11538
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 11511
API Well Number: 608114022900	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5560 - 11520	Water Depth: 4190
Public Info Code: Y 04-JAN-1999	Ecozone Eq MMS: Y	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 4
5920 / 5920	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6100 / 6100	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
6320 / 6320	DEF AT faunal change (no faunal increase)	DEF AT 4
6750 / 6750	DEF AT faunal change (no faunal increase)	DEF IN 3
6870 / 6870	DEF AT faunal change (no faunal increase)	DEF AT 4
6900 / 6900	DEF AT reworked material	DEF AT 4
6930 / 6930	DEF AT reworked material	DEF IN 3
7530 / 7530	DEF AT reworked material	DEF IN 3
7560 / 7560	DEF AT faunal change (no faunal increase)	POS AT 4
7770 / 7770	DEF AT faunal change (no faunal increase)	DEF AT 4
7830 / 7830	DEF AT local marker foram increase	DEF AT 4
8070 / 8070	DEF AT local marker foram increase	DEF AT 4
8550 / 8550	DEF AT local marker foram increase	DEF AT 4
8640 / 8640	DEF AT faunal change (no faunal increase)	DEF IN 3
8850 / 8850	DEF AT cement	DEF IN 3
8880 / 8880	DEF AT faunal change (no faunal increase)	POS AT 3
8970 / 8970	DEF AT reworked material	POS AT 3
9000 / 9000	DEF AT faunal change (no faunal increase)	DEF IN 3
9030 / 9030	DEF AT reworked material	DEF IN 3
9270 / 9270	DEF AT local marker foram increase	DEF AT 4
9600 / 9600	DEF AT local marker foram increase	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-1994

End Date: 31-DEC-1999

Area Block: GC 544  
 Lease Number: G09940  
 Well Name: 001  
 API Well Number: 608114022900  
 Paleo Report Num: 1 of 2  
 Public Info Code: Y 04-JAN-1999

Date of Summary: 01-JUL-1998  
 Source of Paleo: OPERATOR  
 Paleo Done By: APPLIED BIOSTRATIGRAPHIX  
 Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
 Sample Range: 5560 - 11520  
 Ecozone Eq MMS: Y

First Sample Examined: 5560  
 Borehole MD: 11538  
 Borehole TVD: 11511  
 Rkb Elevation: 82  
 Water Depth: 4190  
 Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9810 / 9810	DEF AT faunal change (no faunal increase)	DEF IN 3
9930 / 9930	DEF AT faunal change (no faunal increase)	DEF AT 4
10050 /10050	DEF AT local marker foram increase	DEF IN 4
10170 /10170	DEF AT faunal change (no faunal increase)	DEF AT 4
10230 /10230	DEF AT faunal change (no faunal increase)	POS AT 4
10860 /10855	DEF AT local marker foram increase	DEF AT 4
10920 /10914	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
11010 /11001	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 3
11100 /11088	DEF AT local marker foram increase	DEF IN 3
11400 /11378	DEF AT faunal change (no faunal increase)	POS AT 4
11520 /11493	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 544	Date of Summary: 04-NOV-1998	First Sample Examined: 5920
Lease Number: G09940	Source of Paleo: OPERATOR	Borehole MD: 11538
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11511
API Well Number: 608114022900	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 5920 - 11520	Water Depth: 4190
Public Info Code: Y 04-JAN-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5920 / 5920	DEF AT first sample examined	DEF AT
5921 / 5921	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
6100 / 6100	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6810 / 6810	DEF AT reworked material	DEF AT
6811 / 6811	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
6812 / 6812	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7500 / 7500	DEF AT reworked material	DEF AT
7860 / 7860	DEF AT reworked material	DEF AT
7980 / 7980	DEF AT reworked material	DEF AT
9030 / 9030	DEF AT reworked material	DEF AT
11010 /11001	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
11520 /11493	DEF AT last sample examined	DEF AT

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 691	Date of Summary: 15-SEP-1996	First Sample Examined: 6562
Lease Number: G08016	Source of Paleo: OPERATOR	Borehole MD: 15814
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15810
API Well Number: 608115009100	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6562 - 15814	Water Depth: 4489
Public Info Code: Y 30-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6562 / 6561	DEF AT first sample examined	DEF AT 5
6690 / 6689	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7170 / 7169	DEF AT -----	DEF AT 6
8790 / 8789	DEF AT -----	DEF IN 5
9000 / 8999	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 5
10260 /10259	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
10470 /10469	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
10500 /10499	DEF AT -----	DEF AT 6
10530 /10529	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 6
10590 /10589	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 6
11010 /11009	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
11460 /11459	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11520 /11519	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 6
11550 /11549	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 6
12570 /12568	DEF AT -----	DEF IN 5
12571 /12569	DEF AT -----	DEF AT 5
12870 /12868	DEF AT -----	DEF AT 6
13050 /13047	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 6
13570 /13567	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 6
13770 /13767	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 6
13790 /13787	DEF AT salt	DEF AT 6
13814 /13811	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 736	Date of Summary: 20-JAN-1988	First Sample Examined: 6660
Lease Number: G09971	Source of Paleo: OPERATOR	Borehole MD: 12751
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12751
API Well Number: 608114009800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 6660 - 12751	Water Depth: 4471
Public Info Code: Y 27-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 /	DEF AT first sample examined	DEF AT 5
11160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11250 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12630 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
12751 /	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 854	Date of Summary: 01-MAR-1999	First Sample Examined: 10000
Lease Number: G09987	Source of Paleo: OPERATOR	Borehole MD: 13633
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13599
API Well Number: 608114024200	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 10000 - 13633	Water Depth: 5518
Public Info Code: Y 29-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 11950=probable warm/cool fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /10000	DEF AT first sample examined	DEF AT
10210 /10210	DEF AT -----	DEF IN 4
10240 /10240	DEF AT local marker foram increase	DEF IN 4
10450 /10450	DEF AT -----	DEF AT 4
10480 /10480	DEF AT -----	DEF AT 0
10510 /10510	DEF AT local marker foram increase	DEF IN 4
10720 /10720	DEF AT transported outer shelf facies	DEF AT
10900 /10900	DEF AT -----	DEF IN 4
10930 /10930	DEF AT -----	DEF AT 0
10960 /10960	DEF AT -----	DEF AT 4
10990 /10990	DEF AT transported outer shelf facies	DEF AT
11050 /11050	DEF AT transported outer shelf facies	DEF AT
11080 /11080	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
11110 /11110	DEF AT -----	DEF AT 0
11350 /11350	DEF AT transported inner shelf facies	DEF AT
11500 /11500	DEF AT -----	DEF AT 4
11560 /11560	DEF AT -----	DEF AT 0
11770 /11770	DEF AT -----	DEF AT 4
11920 /11920	DEF AT -----	DEF AT 0
11950 /11950	DEF AT local marker (general)	DEF IN 4
11980 /11980	DEF AT -----	DEF AT 0
12010 /12010	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GC 854  
 Lease Number: G09987  
 Well Name: 002  
 API Well Number: 608114024200  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 29-APR-1999

Date of Summary: 01-MAR-1999  
 Source of Paleo: OPERATOR  
 Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
 Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC  
 Sample Range: 10000 - 13633  
 Ecozone Eq MMS: Y

First Sample Examined: 10000  
 Borehole MD: 13633  
 Borehole TVD: 13599  
 Rkb Elevation: 85  
 Water Depth: 5518  
 Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12040 /12040	DEF AT -----	DEF AT 0
12130 /12130	DEF AT -----	DEF AT 4
12160 /12160	DEF AT -----	DEF AT 0
12190 /12190	DEF AT -----	DEF AT 4
12250 /12250	DEF AT -----	DEF AT 0
13390 /13371	DEF AT -----	DEF AT 4
13420 /13400	DEF AT -----	DEF AT 0
13540 /13513	DEF AT local marker foram increase	DEF IN 4
13570 /13541	DEF AT -----	DEF AT 4
13600 /13569	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GI 22	<b>Date of Summary:</b> 09-JAN-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00031	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14400
<b>Well Name:</b> R022	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14148
<b>API Well Number:</b> 177174019900	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 08-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8009 / 7776	DEF AT Grand Isle Ash	DEF AT
8100 / 7865	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11862 / 11617	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 24	Date of Summary: 18-APR-1990	First Sample Examined: 0
Lease Number: G10864	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16690
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16155
API Well Number: 177174030700	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10810 /10809	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 29	Date of Summary: 26-DEC-1989	First Sample Examined: 8710
Lease Number: G10865	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177174029900	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 8710 - 16000	Water Depth: 73
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8710 / 8710	DEF AT first sample examined	DEF IN 2
8950 / 8950	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
9880 / 9880	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12370 /12370	DEF AT poor sample interval top	POS AT 4
13419 /13419	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13420 /13420	DEF AT poor sample interval bottom	DEF AT 4
13630 /13630	DEF AT -----	DEF AT 5
15240 /15239	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
15490 /15489	DEF AT -----	DEF AT 6
15520 /15519	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 6
16000 /15999	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 29	Date of Summary: 26-SEP-1990	First Sample Examined: 0
Lease Number: G10865	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11002
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177174032200	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3615 / 3615	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5565 / 5565	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8947 / 8945	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10028 / 10026	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 32	Date of Summary: 11-OCT-1989	First Sample Examined: 4660
Lease Number: 00174	Source of Paleo: OPERATOR	Borehole MD: 16306
Well Name: 003	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 15800
API Well Number: 177174029400	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4660 - 16300	Water Depth: 91
Public Info Code: Y 30-OCT-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 / 4570	DEF AT first sample examined	DEF AT
8110 / 7895	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8260 / 8038	DEF AT local marker floral decrease	DEF AT
13480 /13119	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
13750 /13384	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
13900 /13530	DEF AT local marker floral decrease	DEF AT
14020 /13648	DEF AT local marker floral increase	DEF AT
14170 /13795	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
14350 /13971	DEF AT reworked material	DEF AT
14710 /14322	DEF AT local marker floral increase	DEF AT
14800 /14410	DEF AT Upper Miocene (Tortonian) Catinaster calyculus	DEF AT
15220 /14823	DEF AT local marker floral decrease	DEF AT
16300 /15870	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 32	Date of Summary: 20-OCT-1989	First Sample Examined: 4660
Lease Number: 00174	Source of Paleo: OPERATOR	Borehole MD: 16306
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15800
API Well Number: 177174029400	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 4660 - 16300	Water Depth: 91
Public Info Code: Y 30-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 / 4570	DEF AT first sample examined	DEF AT
4930 / 4830	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8860 / 8611	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9370 / 9103	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10030 / 9745	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
10780 /10472	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT
12820 /12469	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
13480 /13119	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
15790 /15382	DEF AT deepwater facies Listerella fauna	DEF AT
16210 /15785	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
16300 /15870	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 34  
Lease Number: G14553  
Well Name: 001  
API Well Number: 177174041200  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUN-1999

Date of Summary: 19-APR-1999  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: EL PASO PRODUCTION GOM INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 12646  
Borehole TVD: 12600  
Rkb Elevation: 98  
Water Depth: 85  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9050 / 9049	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9685 / 9683	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11740 / 11694	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 40	Date of Summary: 26-APR-1988	First Sample Examined: 0
Lease Number: 00130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15370
Well Name: G009	Paleo Done By: OPERATOR	Borehole TVD: 13508
API Well Number: 177174026100	Drilling Operator: CONOCO INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 31-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 3883	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5830 / 5347	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12880 /11185	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14040 /12260	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 47	Date of Summary: 01-JUN-1984	First Sample Examined: 0
Lease Number: 00133	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13221
Well Name: C014	Paleo Done By: OPERATOR	Borehole TVD: 13166
API Well Number: 177174016400	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 14-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7640 / 7587	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 72	Date of Summary: 02-APR-1990	First Sample Examined: 820
Lease Number: G09368	Source of Paleo: OPERATOR	Borehole MD: 1865
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 1865
API Well Number: 177174030500	Drilling Operator: PENNZOIL SULPHUR COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 820 - 1705	Water Depth: 123
Public Info Code: Y 27-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
820 / 820	DEF AT first sample examined	POS AT 2
880 / 880	DEF AT - - - - -	DEF AT 2
1240 / 1240	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1470 / 1470	DEF AT local marker foram decrease	DEF AT 2
1705 / 1705	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 79	Date of Summary: 04-JUL-1988	First Sample Examined: 0
Lease Number: G05657	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8250
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6116
API Well Number: 177174027000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 04-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7285 / 5442	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GI 88	<b>Date of Summary:</b> 23-APR-1997	<b>First Sample Examined:</b> 980
<b>Lease Number:</b> G12990	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8582
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8580
<b>API Well Number:</b> 177184008400	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 980 - 8582	<b>Water Depth:</b> 355
<b>Public Info Code:</b> Y 10-JUN-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
980 / 980	DEF AT first sample examined	DEF AT 2
1760 / 1760	DEF AT -----	DEF AT 3
2000 / 1999	DEF AT -----	DEF AT 2
3410 / 3409	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3710 / 3709	DEF AT -----	DEF AT 4
3800 / 3799	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4040 / 4039	DEF AT -----	DEF AT 3
4820 / 4819	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5090 / 5089	DEF AT local marker benthic foram increase	DEF AT 3
5978 / 5977	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5979 / 5978	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5980 / 5979	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
6010 / 6009	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6190 / 6189	DEF AT -----	DEF AT 3
6400 / 6399	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6520 / 6519	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
6670 / 6669	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8582 / 8580	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 88	Date of Summary: 23-APR-1997	First Sample Examined: 980
Lease Number: G12990	Source of Paleo: OPERATOR	Borehole MD: 8582
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8580
API Well Number: 177184008400	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 980 - 8582	Water Depth: 355
Public Info Code: Y 10-JUN-1997	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
980 / 980	DEF AT first sample examined	DEF AT
3350 / 3349	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3710 / 3709	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4760 / 4759	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4820 / 4819	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5950 / 5949	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5980 / 5979	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6040 / 6039	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
6400 / 6399	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6430 / 6429	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7900 / 7899	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8320 / 8318	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8582 / 8580	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GI 90	<b>Date of Summary:</b> 19-MAR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04003	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13365
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13003
<b>API Well Number:</b> 177184005400	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 218
<b>Public Info Code:</b> Y 20-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7587	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10900 /10540	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 90	Date of Summary: 30-SEP-1997	First Sample Examined: 9150
Lease Number: G04003	Source of Paleo: OPERATOR	Borehole MD: 13365
Well Name: A003	Paleo Done By: GEORGE J. CONSTANCE, JR.	Borehole TVD: 13003
API Well Number: 177184005400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 9150 - 12720	Water Depth: 218
Public Info Code: Y 20-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 / 8836	DEF AT first sample examined	DEF IN 3
10710 /10351	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
12120 /11759	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
12390 /12028	POS AT local marker benthic foram increase	DEF IN 3
12720 /12358	DEF AT last sample examined	DEF IN 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 101	Date of Summary: 01-APR-1989	First Sample Examined: 1153
Lease Number: G05661	Source of Paleo: OPERATOR	Borehole MD: 9300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177184006200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 1153 - 9300	Water Depth: 216
Public Info Code: Y 10-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1153 / 1153	DEF AT first sample examined	DEF AT
1970 / 1970	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2510 / 2510	DEF AT -----	DEF AT 4
2960 / 2960	DEF AT -----	DEF AT 2
4700 / 4700	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
5059 / 5059	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
5060 / 5060	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5600 / 5600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5750 / 5750	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5900 / 5900	DEF AT -----	DEF AT 3
5930 / 5930	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6530 / 6530	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
6590 / 6590	DEF AT -----	DEF AT 5
6890 / 6890	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
6920 / 6920	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6980 / 6980	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7130 / 7130	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
7310 / 7310	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
7340 / 7340	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7910 / 7910	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8150 / 8150	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
8950 / 8950	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 101	Date of Summary: 01-APR-1989	First Sample Examined: 1153
Lease Number: G05661	Source of Paleo: OPERATOR	Borehole MD: 9300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177184006200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 1153 - 9300	Water Depth: 216
Public Info Code: Y 10-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD

Paleo Top Description

Ecozone

9300 / 9300

DEF AT last sample examined

DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 102	Date of Summary: 01-DEC-1988	First Sample Examined: 1600
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16891
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16885
API Well Number: 177184006000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 1600 - 16890	Water Depth: 255
Public Info Code: Y 24-DEC-1998	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
1600 / 1600	DEF AT first sample examined	DEF AT
1601 / 1601	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6879 / 6879	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6880 / 6880	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8470 / 8470	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9190 / 9190	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9639 / 9639	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9640 / 9640	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9820 / 9820	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10660 /10660	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13480 /13479	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
16890 /16884	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 102	Date of Summary: 02-DEC-1988	First Sample Examined: 1600
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16891
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16885
API Well Number: 177184006000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 1600 - 16860	Water Depth: 255
Public Info Code: Y 24-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1600 / 1600	DEF AT first sample examined	DEF AT 3
2110 / 2110	DEF AT - - - - -	DEF AT 4
4510 / 4510	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5920 / 5920	DEF AT Lower Pleistocene (Calabrian) Stilosomella antillea	DEF AT 5
6100 / 6100	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6760 / 6760	DEF AT local marker benthic foram increase	DEF IN 5
7030 / 7030	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
8590 / 8590	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
8710 / 8710	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
9250 / 9250	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
9609 / 9609	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9610 / 9610	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF IN 5
9700 / 9700	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
9760 / 9760	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9820 / 9820	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
9910 / 9910	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
9940 / 9940	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
11620 / 11619	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 5
11930 / 11929	DEF AT Eggerella 3 (local marker)	DEF IN 5
12490 / 12489	DEF AT Eggerella sp. (local marker)	DEF IN 5
12610 / 12609	DEF AT Bathysiphon fauna	DEF IN 5
13000 / 12999	DEF AT Cyclammia cancellata (local marker)	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GI 102	<b>Date of Summary:</b> 02-DEC-1988	<b>First Sample Examined:</b> 1600
<b>Lease Number:</b> G05662	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16891
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16885
<b>API Well Number:</b> 177184006000	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 1600 - 16860	<b>Water Depth:</b> 255
<b>Public Info Code:</b> Y 24-DEC-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13570 /13569	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 6
13810 /13808	DEF AT Lower Pliocene (Zanclian) <i>Globigerina druryi</i> / <i>nepenthes</i> "B"	DEF AT 6
13870 /13868	DEF AT Lower Pliocene (Zanclian) <i>Siphotextularia jugosa</i> / "J"	DEF AT 6
13900 /13898	DEF AT Lower Pliocene (Zanclian) <i>Sigmoilina</i> "P" / cf. <i>schlumbergeri</i>	DEF AT 6
16860 /16854	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 102	Date of Summary: 04-AUG-1992	First Sample Examined: 5030
Lease Number: G10870	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10993
API Well Number: 177184006900	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 5030 - 14000	Water Depth: 255
Public Info Code: Y 15-JUL-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5030 / 4192	DEF AT first sample examined	DEF AT 4
7820 / 6293	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9020 / 7208	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
9290 / 7411	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
11660 / 9163	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
12560 / 9847	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
12620 / 9893	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
13010 /10190	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
13100 /10259	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
13250 /10374	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
13520 /10595	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
14000 /10993	DEF AT last sample examined	DEF IN 5



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> GI 102	<b>Date of Summary:</b> 04-AUG-1992	<b>First Sample Examined:</b> 5030
<b>Lease Number:</b> G10870	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14000
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10993
<b>API Well Number:</b> 177184006900	<b>Drilling Operator:</b> ENI PETROLEUM CO INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5030 - 14540	<b>Water Depth:</b> 255
<b>Public Info Code:</b> Y 15-JUL-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 4192	DEF AT first sample examined	DEF AT
5660 / 4667	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
7190 / 5798	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8000 / 6432	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8960 / 7163	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9769 / 7766	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
9770 / 7767	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11660 / 9163	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12920 /10122	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13160 /10305	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13250 /10374	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13280 /10397	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14000 /10993	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 102  
Lease Number: G10870  
Well Name: A002  
API Well Number: 177184006971  
Paleo Report Num: 1 of 1  
Public Info Code: Y 15-JUL-1998

Date of Summary: 04-AUG-1992  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: ENI PETROLEUM CO INC  
Sample Range: 5030 - 14540  
Ecozone Eq MMS: Y

First Sample Examined: 5030  
Borehole MD: 14548  
Borehole TVD: 11349  
Rkb Elevation: 73  
Water Depth: 255  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 4192	DEF AT first sample examined	DEF AT 5
7820 / 6294	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9020 / 7209	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
9290 / 7411	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
11660 / 9163	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
13100 /10260	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
13250 /10374	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
13460 /10529	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 5
13520 /10574	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
14540 /11344	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 103	Date of Summary: 15-JUL-1991	First Sample Examined: 1800
Lease Number: G10870	Source of Paleo: OPERATOR	Borehole MD: 10505
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10504
API Well Number: 177184006600	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1800 - 10504	Water Depth: 298
Public Info Code: Y 15-JUL-1998	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT first sample examined	DEF AT
5950 / 5950	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7400 / 7400	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7990 / 7990	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9280 / 9279	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10090 /10089	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10504 /10503	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: G1 103  
Lease Number: G10870  
Well Name: 001  
API Well Number: 177184006600  
Paleo Report Num: 2 of 2  
Public Info Code: Y 15-JUL-1998

Date of Summary: 16-JUL-1991  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: ENI PETROLEUM CO INC  
Sample Range: 1800 - 10504  
Ecozone Eq MMS: Y

First Sample Examined: 1800  
Borehole MD: 10505  
Borehole TVD: 10504  
Rkb Elevation: 73  
Water Depth: 298  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT first sample examined	DEF AT 3
2430 / 2430	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4780 / 4780	DEF AT - - - - -	DEF AT 5
5530 / 5530	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6880 / 6880	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
7400 / 7400	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7570 / 7570	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
8230 / 8230	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
9280 / 9279	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
10060 /10059	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
10120 /10119	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 5
10150 /10149	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
10504 /10503	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: GI 106	Date of Summary: 29-AUG-1994	First Sample Examined: 0
Lease Number: G10871	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11096
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9147
API Well Number: 177184007500	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 331
Public Info Code: Y 27-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7286 / 6568	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9836 / 8297	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-1994

End Date: 31-DEC-1999

Area Block: HI 19	Date of Summary: 25-JAN-1999	First Sample Examined: 0
Lease Number: G14153	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13627
API Well Number: 427084048100	Drilling Operator: PENNZENERGY EXPLORATION AND PRODUCTION LL	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 29-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9170 / 9170	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9380 / 9379	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
9890 / 9887	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
12514 /12054	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
14270 /13437	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 20	Date of Summary: 15-JUL-1991	First Sample Examined: 6270
Lease Number: G11343	Source of Paleo: OPERATOR	Borehole MD: 16034
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 427084034100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4200 - 16034	Water Depth: 38
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6270 / 6270	DEF AT first sample examined	DEF AT 1
6480 / 6480	DEF AT -----	DEF AT 2
6600 / 6600	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7020 / 7019	DEF AT -----	DEF AT 1
8130 / 8096	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8460 / 8397	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9300 / 9096	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9660 / 9389	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
10260 / 9887	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
10380 / 9987	DEF AT -----	DEF AT 3
10770 /10304	DEF AT -----	DEF AT 2
12060 /11368	DEF AT -----	DEF AT 3
12150 /11447	DEF AT -----	DEF AT 2
13080 /12250	DEF AT -----	DEF AT 3
13320 /12452	DEF AT -----	DEF AT 2
14010 /13001	DEF AT -----	DEF AT 1
15690 /14230	DEF AT -----	DEF AT 2
15870 /14371	DEF AT -----	DEF AT 3
16034 /14502	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-1994

End Date: 31-DEC-1999

Area Block: HI 21	Date of Summary: 19-SEP-1984	First Sample Examined: 8010
Lease Number: G06136	Source of Paleo: OPERATOR	Borehole MD: 14888
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14881
API Well Number: 427084015800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 8010 - 14888	Water Depth: 40
Public Info Code: Y 21-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 8010	DEF AT first sample examined	DEF IN 2
8220 / 8220	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8910 / 8909	DEF AT -----	DEF AT 3
9030 / 9029	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9360 / 9359	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
10410 /10408	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
14040 /14034	DEF AT -----	DEF AT 4
14220 /14214	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
14888 /	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 21	Date of Summary: 02-FEB-2001	First Sample Examined: 0
Lease Number: G06136	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13703
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13328
API Well Number: 427084019500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 15-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7637	DEF AT - - - - -	DEF AT 2
8570 / 8205	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9170 / 8794	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9530 / 9154	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
11700 / 11322	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 22	Date of Summary: 16-JUL-1986	First Sample Examined: 0
Lease Number: G05006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14864
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 13932
API Well Number: 427084014900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8630 / 8208	DEF AT - - - - -	DEF AT 3
8690 / 8262	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9500 / 8999	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9740 / 9218	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
10970 / 10356	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 22	Date of Summary: 09-APR-1986	First Sample Examined: 7500
Lease Number: G05006	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13626
API Well Number: 427084020500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 118
Paleo Report Num: 1 of 3	Sample Range: 7500 - 13440	Water Depth: 36
Public Info Code: Y 08-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7476	DEF AT first sample examined	DEF IN 2
8280 / 8188	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 2
8400 / 8296	DEF AT - - - - -	DEF AT 3
9060 / 8897	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9360 / 9174	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
11010 /10715	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
13440 /12870	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 22	Date of Summary: 09-APR-1986	First Sample Examined: 13020
Lease Number: G05006	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13626
API Well Number: 427084020500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 118
Paleo Report Num: 2 of 3	Sample Range: 13020 - 14050	Water Depth: 36
Public Info Code: Y 08-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13020 /12506	DEF AT first sample examined	DEF AT 3
14050 /13406	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 22	Date of Summary: 09-APR-1986	First Sample Examined: 13990
Lease Number: G05006	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13626
API Well Number: 427084020500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 118
Paleo Report Num: 3 of 3	Sample Range: 13990 - 14300	Water Depth: 36
Public Info Code: Y 08-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13990 /13353	DEF AT first sample examined	DEF AT 3
14300 /13626	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 34  
Lease Number: G06137  
Well Name: 001  
API Well Number: 427084020400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 10-NOV-1995

Date of Summary: 20-DEC-1985  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: KERR-MCGEE CORPORATION  
Sample Range: 7990 - 15090  
Ecozone Eq MMS: Y

First Sample Examined: 7990  
Borehole MD: 15090  
Borehole TVD: 15088  
Rkb Elevation: 118  
Water Depth: 36  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 7990	DEF AT first sample examined	DEF IN 2
8410 / 8410	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9160 / 9160	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9430 / 9430	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
9580 / 9580	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10690 /10690	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
11830 /11830	DEF AT -----	DEF AT 4
15090 /15089	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 34	Date of Summary: 21-JUL-1989	First Sample Examined: 0
Lease Number: G06137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 427084030900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 27-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 8020	DEF AT -----	DEF AT 2
8740 / 8740	DEF AT -----	DEF AT 3
9580 / 9579	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
9880 / 9879	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10540 /10539	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
11950 /11949	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 36	Date of Summary: 18-DEC-1995	First Sample Examined: 10700
Lease Number: G13791	Source of Paleo: OPERATOR	Borehole MD: 13138
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12370
API Well Number: 427084040300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10700 - 13138	Water Depth: 41
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 /10183	DEF AT first sample examined	DEF AT 2
11297 /10730	DEF AT local marker foram increase	DEF IN 2
11750 /11146	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF IN 2
11827 /11214	DEF AT local marker foram increase	DEF AT 3
12291 /11630	DEF AT local marker foram increase	DEF IN 2
13138 /12370	DEF AT last sample examined	DEF IN 2



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 36	Date of Summary: 21-DEC-1995	First Sample Examined: 13138
Lease Number: G13791	Source of Paleo: OPERATOR	Borehole MD: 16326
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15246
API Well Number: 427084040371	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 13138 - 16320	Water Depth: 41
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13138 /12403	DEF AT first sample examined	DEF IN 2
13740 /12951	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF IN 2
14130 /13304	DEF AT -----	DEF AT 4
16320 /15240	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 39	Date of Summary: 03-JAN-1985	First Sample Examined: 9515
Lease Number: G04078	Source of Paleo: OPERATOR	Borehole MD: 15200
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15187
API Well Number: 427104004000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 9515 - 15200	Water Depth: 36
Public Info Code: Y 20-JAN-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9515 / 9515	DEF AT first sample examined	DEF AT 3
9516 / 9516	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9590 / 9590	DEF AT local marker floral increase	DEF AT 3
9620 / 9620	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10820 /10818	DEF AT local marker floral increase	DEF AT 3
11620 /11617	DEF AT local marker floral increase	DEF AT 3
12370 /12366	DEF AT fault	DEF AT 4
13270 /13265	DEF AT local marker (general)	DEF AT 4
13690 /13683	DEF IN Lower Miocene (Aquitaniian) Lenticulina hanseni	DEF AT 4
14200 /14190	DEF AT local marker floral increase	DEF AT 4
14410 /14400	DEF AT -----	POS AT 5
14530 /14519	DEF AT Lower Miocene (Aquitaniian) Lenticulina jeffersonensis	DEF AT 5
15200 /15187	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 67	Date of Summary: 31-MAY-1994	First Sample Examined: 0
Lease Number: G11346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10330
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10329
API Well Number: 427084039900	Drilling Operator: PEL-TEX OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 15-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9878 / 9877	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 68	Date of Summary: 10-JAN-1995	First Sample Examined: 0
Lease Number: G11347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12211
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12200
API Well Number: 427084040800	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 15-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6030 / 6023	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8130 / 8121	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9240 / 9231	DEF AT Lower Miocene (Aquitania) Siphonina davis	DEF AT
9450 / 9441	DEF AT Lower Miocene (Aquitania) Lenticulina hanseni	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 71	Date of Summary: 18-SEP-1985	First Sample Examined: 7000
Lease Number: G01812	Source of Paleo: OPERATOR	Borehole MD: 7908
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7908
API Well Number: 427084020600	Drilling Operator: TEXAS EASTERN EXPLORATION CO	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 7000 - 7900	Water Depth: 35
Public Info Code: Y 27-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF IN 3
7001 / 7001	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 3
7090 / 7090	DEF AT local marker foram decrease	DEF IN 3
7240 / 7240	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 3
7270 / 7270	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 3
7300 / 7300	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 3
7450 / 7450	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 3
7900 / 7899	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 71	Date of Summary: 06-FEB-1986	First Sample Examined: 7000
Lease Number: G01812	Source of Paleo: OPERATOR	Borehole MD: 7908
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7908
API Well Number: 427084020600	Drilling Operator: TEXAS EASTERN EXPLORATION CO	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 7000 - 7900	Water Depth: 35
Public Info Code: Y 27-SEP-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF IN 3
7001 / 7001	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 3
7240 / 7240	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 3
7450 / 7450	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
7570 / 7570	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
7630 / 7629	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
7720 / 7719	DEF AT -----	DEF AT 3
7900 / 7899	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 71	Date of Summary: 13-JAN-1986	First Sample Examined: 6000
Lease Number: G01812	Source of Paleo: OPERATOR	Borehole MD: 8956
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8159
API Well Number: 427084022300	Drilling Operator: TEXAS EASTERN EXPLORATION CO	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 6000 - 8940	Water Depth: 35
Public Info Code: Y 02-FEB-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5479	DEF AT first sample examined	DEF IN 3
6210 / 5667	DEF AT -----	DEF IN 2
6930 / 6308	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7230 / 6573	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7530 / 6841	DEF AT -----	DEF IN 3
8160 / 7419	DEF AT -----	DEF AT 4
8250 / 7504	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
8430 / 7673	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
8460 / 7702	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
8520 / 7758	DEF AT -----	DEF AT 3
8940 / 8147	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 72  
Lease Number: G14859  
Well Name: 001  
API Well Number: 427084044700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-SEP-1999

Date of Summary: 25-MAR-1997  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: VASTAR RESOURCES INC.  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 8010  
Borehole TVD: 8009  
Rkb Elevation: 91  
Water Depth: 34  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4162 / 4162	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4914 / 4914	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5389 / 5388	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
5582 / 5581	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5955 / 5954	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6685 / 6684	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7096 / 7095	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7755 / 7754	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 74	Date of Summary: 28-AUG-1995	First Sample Examined: 11590
Lease Number: G12566	Source of Paleo: OPERATOR	Borehole MD: 15005
Well Name: 001	Paleo Done By: DANALYNNE GRIFFITH	Borehole TVD: 15004
API Well Number: 427104011700	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 11590 - 15005	Water Depth: 31
Public Info Code: Y 16-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
11590 /11590	DEF AT first sample examined	DEF AT 2
12740 /12740	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
12920 /12919	DEF AT -----	DEF AT 3
13340 /13339	DEF AT -----	DEF AT 4
13685 /13684	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 4
13880 /13879	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 5
14180 /14179	DEF AT -----	DEF AT 4
14195 /14194	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
14480 /14479	DEF AT -----	DEF AT 3
14870 /14869	DEF AT -----	DEF AT 4
14930 /14929	DEF AT -----	DEF AT 3
14990 /14989	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 74	Date of Summary: 21-DEC-1995	First Sample Examined: 0
Lease Number: G14183	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12914
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 427104012000	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 20-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6465 / 6399	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9220 / 8448	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 76	Date of Summary: 24-MAY-1994	First Sample Examined: 0
Lease Number: G12568	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10587
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9873
API Well Number: 427104011300	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6838	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8760 / 8571	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10070 / 9532	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 85	Date of Summary: 06-MAY-1997	First Sample Examined: 0
Lease Number: G14183	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9377
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9377
API Well Number: 427104012600	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 20-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6300	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8250 / 8249	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI 87	<b>Date of Summary:</b> 14-MAY-1990	<b>First Sample Examined:</b> 4300
<b>Lease Number:</b> G11349	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11257
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9074
<b>API Well Number:</b> 427084033000	<b>Drilling Operator:</b> POGO PRODUCING COMPANY	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4300 - 11256	<b>Water Depth:</b> 43
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 4300	DEF AT first sample examined	DEF AT 2
4301 / 4301	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5350 / 5316	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5950 / 5841	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6640 / 6357	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8370 / 7560	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10320 / 8581	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
10440 / 8642	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11256 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 90	Date of Summary: 05-FEB-1997	First Sample Examined: 0
Lease Number: G13323	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13069
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11040
API Well Number: 427084044400	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 08-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8093 / 7231	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9780 / 8473	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10730 / 9195	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 93	Date of Summary: 22-OCT-1996	First Sample Examined: 0
Lease Number: G11352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9800
API Well Number: 427084038800	Drilling Operator: GENERAL ATLANTIC ENERGY CORP	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 25-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6410 / 6410	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8615 / 8615	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9253 / 9253	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 105	Date of Summary: 02-NOV-1984	First Sample Examined: 6000
Lease Number: G04076	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: 001	Paleo Done By: STORK & ASS.	Borehole TVD: 9798
API Well Number: 427084016300	Drilling Operator: PELTO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3510 - 9800	Water Depth: 45
Public Info Code: Y 13-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5999	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6240 / 6239	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
6600 / 6599	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7350 / 7349	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8460 / 8458	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
8790 / 8788	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 1
9240 / 9238	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT 1
9570 / 9568	DEF AT deepwater facies Planulina	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 105	Date of Summary: 15-JAN-1985	First Sample Examined: 3400
Lease Number: G04076	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: 002	Paleo Done By: JACK COLLE	Borehole TVD: 9200
API Well Number: 427084017200	Drilling Operator: PELTO OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 3400 - 9200	Water Depth: 47
Public Info Code: Y 18-JAN-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3400	DEF AT first sample examined	DEF AT
3401 / 3401	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5950 / 5950	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6520 / 6520	DEF AT local marker benthic foram increase	DEF AT
6550 / 6550	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7990 / 7990	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8260 / 8260	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8261 / 8261	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
8710 / 8709	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT
8800 / 8799	DEF AT Lower Miocene (Aquitanean) Lenticulina hanseni	DEF AT
9200 / 9199	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 105	Date of Summary: 17-JUN-1985	First Sample Examined: 9100
Lease Number: G04076	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: 003	Paleo Done By: JACK COLLE	Borehole TVD: 10298
API Well Number: 427084018800	Drilling Operator: PELTO OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 9100 - 10300	Water Depth: 44
Public Info Code: Y 06-JUL-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 9099	DEF AT first sample examined	DEF AT
9101 / 9100	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9560 / 9559	DEF AT Lower Miocene (Aquitania) Siphonina davis	DEF AT
10100 /10098	DEF AT Lower Miocene (Aquitania) Lenticulina hanseni	DEF AT
10300 /10298	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 105	Date of Summary: 03-OCT-1985	First Sample Examined: 7000
Lease Number: G04076	Source of Paleo: OPERATOR	Borehole MD: 10575
Well Name: A001	Paleo Done By: JACK COLLE	Borehole TVD: 10121
API Well Number: 427084020800	Drilling Operator: PELTO OIL COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 7000 - 10570	Water Depth: 46
Public Info Code: Y 12-OCT-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6851	DEF AT first sample examined	DEF AT
7001 / 6852	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8800 / 8481	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9130 / 8781	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10150 / 9721	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT
10480 /10031	POS AT Lower Miocene (Aquitanean) Lenticulina hanseni	DEF AT
10570 /10116	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 108	Date of Summary: 25-MAR-1999	First Sample Examined: 0
Lease Number: G15776	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10169
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 427084042600	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 28-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 9331	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 108	Date of Summary: 01-OCT-1996	First Sample Examined: 0
Lease Number: G15776	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10534
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10119
API Well Number: 427084043600	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 28-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9666 / 9356	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 108	Date of Summary: 23-APR-1999	First Sample Examined: 0
Lease Number: G15776	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10861
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10052
API Well Number: 427084044600	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 28-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9995 / 9423	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 111	Date of Summary: 11-OCT-1984	First Sample Examined: 4600
Lease Number: G02354	Source of Paleo: OPERATOR	Borehole MD: 14830
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14615
API Well Number: 427084015100	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 4600 - 14830	Water Depth: 45
Public Info Code: Y 31-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT first sample examined	DEF AT 2
5140 / 5140	DEF AT faunal change (no faunal increase)	DEF AT 3
5590 / 5590	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5770 / 5770	DEF AT faunal change (no faunal increase)	DEF AT 2
6850 / 6849	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7450 / 7449	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
7750 / 7749	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
8890 / 8889	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
9130 / 9129	DEF AT faunal change (no faunal increase)	DEF AT 3
9640 / 9639	DEF AT faunal change (no faunal increase)	DEF AT 4
9760 / 9759	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
10420 /10419	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
12429 /12328	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 5
12430 /12329	DEF AT Lower Miocene (Aquitanean) Planulina palmerae	DEF AT 5
12460 /12356	DEF AT faunal change (no faunal increase)	DEF AT 4
13538 /13354	DEF AT Eggerella sp. (local marker)	DEF AT 4
13539 /13355	DEF AT Cyclamina sp. (local marker)	DEF AT 4
13540 /13356	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
14830 /14617	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 115	Date of Summary: 24-AUG-1984	First Sample Examined: 3100
Lease Number: G06156	Source of Paleo: OPERATOR	Borehole MD: 12217
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11129
API Well Number: 427084015000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3100 - 10990	Water Depth: 44
Public Info Code: Y 28-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
3100 / 3100	DEF AT first sample examined	DEF AT
3101 / 3101	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3160 / 3160	DEF AT local marker foram increase	DEF AT
3460 / 3460	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4000 / 4000	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4420 / 4420	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4870 / 4870	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
5020 / 5020	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5470 / 5470	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5710 / 5709	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6250 / 6227	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6400 / 6364	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
7990 / 7712	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8980 / 8523	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10080 / 9395	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10990 / 10118	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI 115	<b>Date of Summary:</b> 24-AUG-1984	<b>First Sample Examined:</b> 10436
<b>Lease Number:</b> G06156	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12217
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11129
<b>API Well Number:</b> 427084015000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10436 - 12190	<b>Water Depth:</b> 44
<b>Public Info Code:</b> Y 28-AUG-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10436 / 9675	DEF AT first sample examined	DEF AT
11650 /10661	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
11860 /10835	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
12190 /11107	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 116	Date of Summary: 02-OCT-1984	First Sample Examined: 3340
Lease Number: G06156	Source of Paleo: OPERATOR	Borehole MD: 9968
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9223
API Well Number: 427084016400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3340 - 9968	Water Depth: 44
Public Info Code: Y 20-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3340 / 3230	DEF AT first sample examined	DEF AT
3341 / 3231	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3820 / 3657	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4000 / 3818	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4600 / 4352	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5120 / 4820	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5660 / 5307	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6110 / 5712	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6740 / 6280	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8150 / 7567	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
8367 / 7760	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9260 / 8568	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9968 / 9222	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 116	Date of Summary: 23-OCT-1986	First Sample Examined: 0
Lease Number: G06156	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11882
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10729
API Well Number: 427084017600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
2200 / 2198	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2380 / 2378	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
3340 / 3338	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5010 / 5008	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5310 / 5307	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5700 / 5687	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6810 / 6624	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6990 / 6767	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7830 / 7440	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8130 / 7684	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9120 / 8500	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 116	Date of Summary: 02-JUL-1985	First Sample Examined: 1100
Lease Number: G06156	Source of Paleo: OPERATOR	Borehole MD: 10103
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8013
API Well Number: 427084018300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1100 - 10103	Water Depth: 44
Public Info Code: Y 17-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 / 1100	DEF AT first sample examined	DEF AT 1
1760 / 1747	DEF AT non-marine sediment	DEF AT 0
1761 / 1748	DEF AT -----	DEF AT 1
1940 / 1915	DEF AT non-marine sediment	DEF AT 0
2600 / 2521	DEF AT non-marine sediment	DEF AT 0
2601 / 2522	DEF AT -----	DEF AT 1
2660 / 2573	DEF AT -----	DEF AT 1
2840 / 2724	DEF AT reworked material	DEF AT 1
3500 / 3231	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
3560 / 3276	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3680 / 3368	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
3980 / 3599	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
4940 / 4332	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5280 / 4589	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
5400 / 4676	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
5760 / 4948	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6630 / 5594	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6660 / 5616	DEF AT local marker foram increase	DEF AT 2
6870 / 5770	DEF AT -----	DEF AT 1
7230 / 6027	DEF AT -----	DEF AT 2
7590 / 6279	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
8490 / 6900	DEF AT reworked material	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI 116	<b>Date of Summary:</b> 02-JUL-1985	<b>First Sample Examined:</b> 1100
<b>Lease Number:</b> G06156	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10103
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8013
<b>API Well Number:</b> 427084018300	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1100 - 10103	<b>Water Depth:</b> 44
<b>Public Info Code:</b> Y 17-APR-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8700 / 7044	DEF AT reworked material	DEF AT 1
8910 / 7185	DEF AT - - - - -	DEF AT 2
8970 / 7226	DEF AT reworked material	DEF AT 2
9570 / 7637	DEF AT reworked material	DEF AT 2
9930 / 7891	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
10103 / 8013	DEF AT last sample examined	DEF AT 2

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 116	Date of Summary: 08-AUG-1985	First Sample Examined: 400
Lease Number: G06156	Source of Paleo: OPERATOR	Borehole MD: 9880
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7818
API Well Number: 427084019100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 400 - 9880	Water Depth: 45
Public Info Code: Y 02-JUL-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
400 / 400	DEF AT first sample examined	DEF AT 1
401 / 401	DEF IN local marker benthic foram increase	DEF AT 1
700 / 700	DEF AT non-marine sediment	DEF AT 0
760 / 760	DEF AT - - - - -	DEF AT 1
940 / 940	DEF AT non-marine sediment	DEF AT 0
1060 / 1060	DEF AT local marker benthic foram increase	DEF AT 1
1240 / 1240	DEF AT non-marine sediment	DEF AT 0
5820 / 4935	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
5940 / 5020	DEF AT Arenaceous fauna (local marker)	DEF AT 1
6120 / 5147	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6300 / 5274	DEF AT - - - - -	DEF IN 1
6690 / 5551	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6750 / 5594	DEF AT local marker benthic foram increase	DEF AT 1
7170 / 5891	DEF AT - - - - -	DEF IN 1
7320 / 5998	DEF AT miliolid limestone	DEF IN 1
7440 / 6083	DEF AT - - - - -	DEF AT 2
7620 / 6211	POS AT reworked material	DEF AT 2
7740 / 6297	DEF AT local marker benthic foram increase	DEF AT 2
7800 / 6340	DEF AT local marker benthic foram increase	DEF AT 2
7920 / 6428	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
8249 / 6672	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
8250 / 6673	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI 116	<b>Date of Summary:</b> 08-AUG-1985	<b>First Sample Examined:</b> 400
<b>Lease Number:</b> G06156	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9880
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7818
<b>API Well Number:</b> 427084019100	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 400 - 9880	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 02-JUL-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 6803	DEF AT Bathysiphon fauna	DEF AT 2
8760 / 7027	DEF AT - - - - -	DEF IN 1
9030 / 7207	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
9360 / 7437	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
9600 / 7610	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9660 / 7654	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9880 / 7817	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 119	Date of Summary: 08-SEP-1997	First Sample Examined: 0
Lease Number: G14882	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14007
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12740
API Well Number: 427104012200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 / 6710	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7160 / 7160	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7700 / 7698	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8255 / 8244	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9730 / 9602	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 120	Date of Summary: 07-NOV-1996	First Sample Examined: 0
Lease Number: G05009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10505
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9498
API Well Number: 427104008800	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 30-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10116 / 9157	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 120	Date of Summary: 19-OCT-1988	First Sample Examined: 0
Lease Number: G09100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9440
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9439
API Well Number: 427104008000	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 07-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9032 / 9031	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129	Date of Summary: 18-JAN-1984	First Sample Examined: 3050
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 12270
Well Name: 008	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12185
API Well Number: 427104002300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3050 - 12350	Water Depth: 49
Public Info Code: Y 21-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 / 3050	DEF AT first sample examined	DEF AT 1
3620 / 3620	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5150 / 5150	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5990 / 5990	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6200 / 6200	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6380 / 6380	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
7250 / 7250	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
7280 / 7280	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
7640 / 7640	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
8690 / 8690	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1
8810 / 8810	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1
9200 / 9200	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
9740 / 9740	DEF AT Eggerella sp. (local marker)	DEF AT
9860 / 9860	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9920 / 9920	DEF AT faunal change (no faunal increase)	DEF AT 3
10010 / 10010	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10160 / 10160	DEF AT faunal change (no faunal increase)	DEF AT 2
10280 / 10279	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
10310 / 10309	DEF AT sample gap top	POS AT 1
10340 / 10339	DEF AT sample gap bottom	DEF AT 1
10939 / 10927	POS AT unconformity	DEF AT 1
10940 / 10928	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129	Date of Summary: 18-JAN-1984	First Sample Examined: 3050
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 12270
Well Name: 008	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 12185
API Well Number: 427104002300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3050 - 12350	Water Depth: 49
Public Info Code: Y 21-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 /10956	DEF AT faunal change (no faunal increase)	DEF AT 2
11540 /11488	DEF AT faunal change (no faunal increase)	DEF AT 1
12350 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129	Date of Summary: 09-APR-1984	First Sample Examined: 3040
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 9101
Well Name: 009	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9097
API Well Number: 427104002500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3040 - 9100	Water Depth: 48
Public Info Code: Y 26-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3040 / 3040	DEF AT first sample examined	DEF AT 1
3670 / 3670	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
4690 / 4690	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5020 / 5020	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5950 / 5949	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6280 / 6279	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6400 / 6399	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
7270 / 7269	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
7360 / 7359	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
7780 / 7778	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
8560 / 8557	POS AT faunal change (no faunal increase)	DEF AT 2
8590 / 8587	DEF AT faunal change (no faunal increase)	DEF AT 1
8890 / 8887	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
8950 / 8947	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
9010 / 9007	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129	Date of Summary: 07-JUN-1984	First Sample Examined: 0
Lease Number: G01848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9165
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 8987
API Well Number: 427104002800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 21-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3670 / 3548	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4690 / 4525	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5020 / 4848	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5950 / 5773	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6280 / 6102	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6400 / 6222	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7270 / 7092	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
7360 / 7182	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7780 / 7602	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8890 / 8712	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129	Date of Summary: 29-JAN-1986	First Sample Examined: 4530
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 13600
Well Name: 011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13600
API Well Number: 427104005200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4530 - 13610	Water Depth: 48
Public Info Code: Y 07-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT first sample examined	DEF IN 3
5100 / 5100	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5490 / 5490	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6570 / 6570	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7200 / 7200	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7500 / 7500	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8190 / 8190	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8520 / 8520	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9150 / 9150	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10440 /10440	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10680 /10680	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13610 /13610	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129	Date of Summary: 21-FEB-1986	First Sample Examined: 0
Lease Number: G01848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13600
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 13600
API Well Number: 427104005200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 07-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11677 / 11677	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 129  
 Lease Number: G01848  
 Well Name: 012  
 API Well Number: 427104007400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 06-JAN-1998

Date of Summary: 29-AUG-1988  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: ORYX ENERGY COMPANY  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 10524  
 Borehole TVD: 10524  
 Rkb Elevation: 70  
 Water Depth: 50  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5640 / 5639	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6540 / 6539	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7230 / 7229	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7680 / 7679	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8400 / 8399	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8790 / 8789	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9420 / 9419	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 134	Date of Summary: 09-JUL-1987	First Sample Examined: 10143
Lease Number: G06158	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9887
API Well Number: 427084025000	Drilling Operator: CONOCO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 10143 - 11013	Water Depth: 49
Public Info Code: Y 19-JUL-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10143 / 8719	DEF AT first sample examined	DEF AT 3
10144 / 8720	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
10353 / 8888	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
10653 / 9130	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10983 / 9396	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 134  
Lease Number: G06158  
Well Name: A001  
API Well Number: 427084021000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 02-APR-1996

Date of Summary: 20-DEC-1988  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: CONOCO INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14206  
Borehole TVD: 13531  
Rkb Elevation: 85  
Water Depth: 49  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4797	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7150 / 7046	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7950 / 7778	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8550 / 8336	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8850 / 8617	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
9600 / 9298	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10550 / 10168	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
11100 / 10669	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
14000 / 13336	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 137	Date of Summary: 21-AUG-1995	First Sample Examined: 0
Lease Number: G14156	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15983
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14155
API Well Number: 427084041200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 17-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14050 /12541	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
15030 /13328	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 139	Date of Summary: 29-NOV-1988	First Sample Examined: 0
Lease Number: G03235	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7850
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 7850
API Well Number: 427084030400	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 05-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6504 / 6504	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7012 / 7012	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 163	Date of Summary: 07-JAN-1998	First Sample Examined: 0
Lease Number: G14869	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17006
API Well Number: 427084046800	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 30-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 /10378	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11670 /11668	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
13830 /13827	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 163	Date of Summary: 22-JAN-1999	First Sample Examined: 0
Lease Number: G14869	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4615
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4615
API Well Number: 427084048300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 30-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2820	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4300 / 4300	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 166  
Lease Number: G06200  
Well Name: 002  
API Well Number: 427104003900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 21-MAR-1995

Date of Summary: 19-APR-1985  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: SANTA FE MARINE INCORPORATED  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 13280  
Borehole TVD: 13280  
Rkb Elevation: 66  
Water Depth: 53  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5304 / 5304	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6124 / 6124	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6234 / 6234	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6564 / 6564	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6774 / 6774	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8244 / 8244	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8724 / 8723	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10864 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11434 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12934 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 166	Date of Summary: 05-JUN-1985	First Sample Examined: 0
Lease Number: G06200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10515
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9787
API Well Number: 427104004300	Drilling Operator: SANTA FE MARINE INCORPORATED	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 23-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6580 / 6446	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7330 / 7085	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7630 / 7340	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8860 / 8376	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9010 / 8501	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 166	Date of Summary: 04-SEP-1984	First Sample Examined: 4500
Lease Number: G06200	Source of Paleo: OPERATOR	Borehole MD: 12484
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12484
API Well Number: 427104003000	Drilling Operator: SANTA FE ENERGY COMPANY	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 4500 - 12480	Water Depth: 52
Public Info Code: Y 23-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF IN 3
5310 / 5310	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
5910 / 5910	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
6390 / 6390	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
6870 / 6870	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
8040 / 8040	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
8490 / 8490	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 3
9000 / 9000	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 3
10290 /10289	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 3
10980 /10979	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
11820 /11813	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 3
12480 /	DEF AT last sample examined	DEF IN 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 167	Date of Summary: 09-APR-1985	First Sample Examined: 4550
Lease Number: G06201	Source of Paleo: OPERATOR	Borehole MD: 15550
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15541
API Well Number: 427104004100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4550 - 15550	Water Depth: 51
Public Info Code: Y 02-MAY-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 / 4550	DEF AT first sample examined	DEF IN 3
5060 / 5060	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5480 / 5479	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6020 / 6019	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6860 / 6859	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7670 / 7669	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8450 / 8447	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8570 / 8567	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9110 / 9106	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9770 / 9766	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
10010 /10006	DEF AT -----	DEF AT 4
10100 /10096	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11030 /11026	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11360 /11356	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
13010 /13005	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
14540 /14534	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 5
15550 /15542	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 167	Date of Summary: 18-AUG-2000	First Sample Examined: 0
Lease Number: G06201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9786
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9786
API Well Number: 427104006600	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 26-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5149 / 5149	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5419 / 5419	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5929 / 5929	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7009 / 7009	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7609 / 7609	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8239 / 8239	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8659 / 8659	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9169 / 9168	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI 171	<b>Date of Summary:</b> 15-JUL-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11360	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12506
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12506
<b>API Well Number:</b> 427084040400	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7075 / 7075	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8810 / 8810	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9345 / 9345	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9615 / 9615	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10560 / 10559	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 171	Date of Summary: 22-JUL-1996	First Sample Examined: 0
Lease Number: G15777	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8505
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8505
API Well Number: 427084043000	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 19-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7168 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7900 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8418 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 175	Date of Summary: 20-JUN-1985	First Sample Examined: 2820
Lease Number: G07281	Source of Paleo: OPERATOR	Borehole MD: 13192
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11383
API Well Number: 427084020700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1020 - 9706	Water Depth: 50
Public Info Code: Y 31-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2820 / 2820	DEF AT first sample examined	DEF AT 1
3060 / 3059	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3061 / 3060	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
3240 / 3236	DEF AT - - - - -	DEF AT 2
3480 / 3469	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3900 / 3850	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4140 / 4051	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
4620 / 4435	DEF AT - - - - -	DEF AT 2
4800 / 4581	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5070 / 4801	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5640 / 5264	DEF AT local marker foram increase	DEF AT 2
5820 / 5412	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6540 / 6004	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7440 / 6722	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7530 / 6794	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7620 / 6866	DEF AT - - - - -	DEF AT 3
7710 / 6938	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8130 / 7274	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8430 / 7511	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
8580 / 7628	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8940 / 7905	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9607 / 8428	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 176	Date of Summary: 22-MAY-1985	First Sample Examined: 0
Lease Number: G06168	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12821
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10812
API Well Number: 427084018400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 13-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9880 / 8791	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT



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Start Date: 01-JAN-1994

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<b>Area Block:</b> HI 177	<b>Date of Summary:</b> 17-OCT-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06165	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14000
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13972
<b>API Well Number:</b> 427084029000	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 51
<b>Public Info Code:</b> Y 11-OCT-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10322 /10321	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11332 /11331	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 178	Date of Summary: 22-MAR-1988	First Sample Examined: 0
Lease Number: G08150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13585
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12627
API Well Number: 427084025800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7730 / 7437	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10894 / 10198	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
11070 / 10355	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 178	Date of Summary: 23-JUN-1988	First Sample Examined: 0
Lease Number: G08150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14225
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12496
API Well Number: 427084027500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 / 6667	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8300 / 7459	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9210 / 8217	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11400 / 10129	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12300 / 10922	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 178	Date of Summary: 23-AUG-1988	First Sample Examined: 0
Lease Number: G08150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14914
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12639
API Well Number: 427084028100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8718 / 7516	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9638 / 8286	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11720 / 9964	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12580 / 10700	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 178	Date of Summary: 15-DEC-1988	First Sample Examined: 0
Lease Number: G08150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13819
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11732
API Well Number: 427084029600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8625 / 7513	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9540 / 8261	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11860 / 10183	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 178	Date of Summary: 08-MAR-1990	First Sample Examined: 0
Lease Number: G08150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11312
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10229
API Well Number: 427084030600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8445 / 7417	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9225 / 8164	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11086 / 10003	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 178	Date of Summary: 08-MAR-1990	First Sample Examined: 0
Lease Number: G08150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13728
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 12349
API Well Number: 427084030700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 28-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8478 / 7521	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9325 / 8278	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11590 /10340	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
12546 /11179	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 194	Date of Summary: 02-OCT-1984	First Sample Examined: 2690
Lease Number: G06166	Source of Paleo: OPERATOR	Borehole MD: 14510
Well Name: JA006	Paleo Done By: OPERATOR	Borehole TVD: 10444
API Well Number: 427084014500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 4	Sample Range: 2690 - 5210	Water Depth: 54
Public Info Code: Y 21-OCT-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2690 / 2662	DEF AT first sample examined	DEF AT
2691 / 2663	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
3830 / 3626	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4010 / 3757	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5210 / 4514	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 194	Date of Summary: 02-OCT-1984	First Sample Examined: 3770
Lease Number: G06166	Source of Paleo: OPERATOR	Borehole MD: 14510
Well Name: JA006	Paleo Done By: OPERATOR	Borehole TVD: 10444
API Well Number: 427084014500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 4	Sample Range: 3770 - 5195	Water Depth: 54
Public Info Code: Y 21-OCT-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3582	DEF AT first sample examined	DEF AT
3771 / 3583	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT
3950 / 3714	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4010 / 3757	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
4070 / 3799	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5195 / 4504	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 194	Date of Summary: 02-OCT-1984	First Sample Examined: 4277
Lease Number: G06166	Source of Paleo: OPERATOR	Borehole MD: 14510
Well Name: JA006	Paleo Done By: OPERATOR	Borehole TVD: 10444
API Well Number: 427084014500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 3 of 4	Sample Range: 4277 - 5161	Water Depth: 54
Public Info Code: Y 21-OCT-1994	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4277 / 3932	DEF AT first sample examined	DEF AT
4278 / 3933	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5161 / 4481	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 194	Date of Summary: 02-OCT-1984	First Sample Examined: 5000
Lease Number: G06166	Source of Paleo: OPERATOR	Borehole MD: 14510
Well Name: JA006	Paleo Done By: OPERATOR	Borehole TVD: 10444
API Well Number: 427084014500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 4 of 4	Sample Range: 5000 - 14510	Water Depth: 54
Public Info Code: Y 21-OCT-1994	Ecozone Eq MMS:	Paleo ID: 005

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4377	DEF AT first sample examined	DEF AT
5001 / 4378	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5270 / 4555	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5450 / 4673	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7610 / 5933	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8720 / 6667	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9500 / 7203	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
10100 / 7610	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10640 / 7997	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11990 / 8953	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
12320 / 9162	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
14120 / 10220	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14510 / 10444	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 196	Date of Summary: 30-JUN-1989	First Sample Examined: 0
Lease Number: G06167	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16236
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8972
API Well Number: 427084030100	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 15-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15285 / 8402	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 204	Date of Summary: 07-JAN-1994	First Sample Examined: 0
Lease Number: G13327	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9818
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9060
API Well Number: 427084039300	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3871	POS IN Miocene	DEF AT
7590 / 7035	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8465 / 7814	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 205	Date of Summary: 24-MAY-1999	First Sample Examined: 0
Lease Number: G14871	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11875
API Well Number: 427084048700	Drilling Operator: PRIME NATURAL RESOURCES INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 23-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8493 / 8491	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11170 / 11050	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 207	Date of Summary: 01-DEC-1987	First Sample Examined: 1020
Lease Number: G08151	Source of Paleo: OPERATOR	Borehole MD: 11231
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8436
API Well Number: 427084022700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 1020 - 11190	Water Depth: 53
Public Info Code: Y 01-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1020 / 1020	DEF AT first sample examined	POS AT 1
2940 / 2763	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6900 / 5376	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
7100 / 5504	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
9420 / 7089	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1
9960 / 7503	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
10020 / 7550	DEF AT -----	DEF AT 2
10380 / 7825	DEF AT -----	DEF AT 3
10800 / 8128	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
11040 / 8301	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
11160 / 8388	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11190 / 8410	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 207	Date of Summary: 09-JAN-1998	First Sample Examined: 8500
Lease Number: G13796	Source of Paleo: OPERATOR	Borehole MD: 13652
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10451
API Well Number: 427084046900	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 8500 - 13630	Water Depth: 52
Public Info Code: Y 19-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 6823	DEF AT first sample examined	DEF AT 2
8501 / 6823	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
10030 / 7895	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
10540 / 8253	DEF AT local marker foram increase	DEF AT 2
10900 / 8509	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
13360 /10259	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13630 /10437	DEF AT last sample examined	DEF AT 3



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 208	Date of Summary: 09-JAN-1986	First Sample Examined: 0
Lease Number: G07286	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7060
API Well Number: 427084020900	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 07-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 / 4437	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5030 / 4913	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5540 / 5385	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7040 / 6808	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 208	Date of Summary: 06-DEC-1989	First Sample Examined: 10620
Lease Number: G07286	Source of Paleo: OPERATOR	Borehole MD: 12602
Well Name: A001	Paleo Done By: STORK & ASS.	Borehole TVD: 10858
API Well Number: 427084032200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 148
Paleo Report Num: 1 of 1	Sample Range: 10620 - 12602	Water Depth: 55
Public Info Code: Y 22-NOV-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10620 / 8880	DEF AT first sample examined	DEF AT 2
10621 / 8881	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
11100 / 9358	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
11430 / 9687	POS AT fault	DEF AT 2
12480 / 10736	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 2
12602 / 10858	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI 229	Date of Summary: 08-MAR-1996	First Sample Examined: 0
Lease Number: G12542	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14949
API Well Number: 427084042000	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 12-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7830	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9317 / 9317	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11890 /11890	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
13730 /13729	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 9	Date of Summary: 14-NOV-1989	First Sample Examined: 3500
Lease Number: G09093	Source of Paleo: OPERATOR	Borehole MD: 12270
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12269
API Well Number: 427084032300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3500 - 12270	Water Depth: 56
Public Info Code: Y 11-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF IN 2
3590 / 3590	DEF AT - - - - -	DEF AT 3
3680 / 3680	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3860 / 3860	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3980 / 3980	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4520 / 4520	DEF AT local marker planktic foram increase	DEF AT 3
5420 / 5420	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6830 / 6830	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7190 / 7190	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7310 / 7310	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7760 / 7760	DEF AT Eggerella sp. (local marker)	DEF AT 3
9230 / 9229	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9889 / 9888	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
9890 / 9889	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9950 / 9949	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10340 /10339	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 3
10550 /10549	DEF AT - - - - -	DEF AT 4
10580 /10579	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10700 /10699	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
11660 /11659	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
12200 /12199	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12270 /12269	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 16	Date of Summary: 05-APR-1994	First Sample Examined: 0
Lease Number: G13329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3400
API Well Number: 427084039700	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 3350	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 14-FEB-1984	First Sample Examined: 345
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 13093
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13061
API Well Number: 427084014000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 345 - 11850	Water Depth: 55
Public Info Code: Y 14-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
345 / 345	DEF AT first sample examined	DEF AT 1
760 / 760	DEF AT local marker foram increase	DEF AT 1
1600 / 1600	DEF AT shell fragments	DEF AT 1
1900 / 1900	DEF AT non-marine sediment	DEF AT 0
2320 / 2320	DEF AT - - - - -	DEF AT 1
2500 / 2500	DEF AT shell fragments	DEF AT 1
2920 / 2920	DEF AT - - - - -	DEF AT 2
3040 / 3040	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
3100 / 3100	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3160 / 3160	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3400 / 3400	DEF AT local marker benthic foram increase	DEF AT 2
3460 / 3460	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3700 / 3700	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4000 / 4000	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
4120 / 4120	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
4420 / 4420	DEF AT local marker benthic foram increase	DEF AT 2
4560 / 4560	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4620 / 4620	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
4650 / 4650	DEF AT - - - - -	DEF AT 1
4830 / 4830	DEF AT local marker (general)	DEF AT 1
4890 / 4890	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4950 / 4950	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-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 14-FEB-1984	First Sample Examined: 345
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 13093
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13061
API Well Number: 427084014000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 345 - 11850	Water Depth: 55
Public Info Code: Y 14-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
5250 / 5250	DEF AT local marker foram decrease	DEF AT 1
5640 / 5640	POS AT local marker foram increase	DEF AT 2
5910 / 5910	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6210 / 6210	DEF AT local marker foram decrease	DEF AT 1
6270 / 6270	DEF AT limestone	DEF AT 1
6510 / 6510	DEF AT local marker foram increase	DEF AT 2
6570 / 6570	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6600 / 6600	DEF AT local marker planktic foram increase	DEF AT 2
6960 / 6960	DEF AT local marker foram increase	DEF AT 2
7079 / 7079	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7080 / 7080	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7260 / 7260	DEF AT - - - - -	DEF AT 3
7380 / 7380	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7590 / 7590	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8069 / 8069	DEF AT foram flood	DEF AT 3
8070 / 8070	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
8220 / 8220	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8430 / 8430	DEF AT cement	POS AT 3
8460 / 8460	DEF AT local marker benthic foram increase	DEF AT 2
8820 / 8820	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
9000 / 9000	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9420 / 9420	DEF AT local marker foram decrease	DEF AT 3
9480 / 9480	DEF AT - - - - -	DEF AT 4
9810 / 9809	POS AT deepwater facies Pontchartrain	DEF AT 5

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UNITED STATES DEPARTMENT OF THE INTERIOR  
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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 14-FEB-1984	First Sample Examined: 345
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 13093
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13061
API Well Number: 427084014000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 345 - 11850	Water Depth: 55
Public Info Code: Y 14-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 /10377	DEF AT sample gap top	POS AT 5
10408 /10405	DEF AT sample gap bottom	DEF AT 3
10409 /10406	DEF AT foram flood	DEF AT 3
10410 /10407	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
10500 /10496	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
10830 /10825	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
11160 /11152	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11400 /11390	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
11700 /11687	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11850 /11835	DEF AT last sample examined	DEF AT 3

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



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 22-MAY-1985	First Sample Examined: 8850
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 13093
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13061
API Well Number: 427084014000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 8850 - 13093	Water Depth: 55
Public Info Code: Y 14-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8850 / 8850	DEF AT first sample examined	DEF AT 3
8851 / 8851	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
9240 / 9240	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9540 / 9540	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9541 / 9541	POS AT deepwater facies Harang	DEF AT 4
9900 / 9898	POS AT deepwater facies Pontchartrain	DEF AT 5
9930 / 9928	POS AT -----	DEF AT 4
10020 /10018	DEF AT -----	DEF AT 5
10410 /10407	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 5
10500 /10496	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
10560 /10556	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
10920 /10914	DEF AT -----	DEF AT 3
11280 /11271	DEF AT local marker foram increase	DEF AT 3
11430 /11419	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
11580 /11568	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13093 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 29-SEP-1984	First Sample Examined: 370
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 11274
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11270
API Well Number: 427084015700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 370 - 11274	Water Depth: 61
Public Info Code: Y 27-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
370 / 370	DEF AT first sample examined	DEF AT 1
3190 / 3190	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3250 / 3250	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
3370 / 3370	DEF AT local marker foram increase	DEF AT 2
3670 / 3670	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3850 / 3850	DEF AT local marker benthic foram increase	DEF AT 2
3970 / 3970	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4090 / 4090	DEF AT local marker planktic foram increase	DEF AT 3
4270 / 4270	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
4510 / 4510	DEF AT local marker foram decrease	DEF AT 2
4570 / 4570	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
4990 / 4990	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5080 / 5080	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5770 / 5769	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 2
5950 / 5949	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6610 / 6609	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7210 / 7209	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7720 / 7719	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7780 / 7779	DEF AT foram flood	DEF AT 2
7810 / 7808	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8080 / 8078	DEF AT local marker foram increase	DEF AT 3
8200 / 8198	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 29-SEP-1984	First Sample Examined: 370
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 11274
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11270
API Well Number: 427084015700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 370 - 11274	Water Depth: 61
Public Info Code: Y 27-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8530 / 8528	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8770 / 8768	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9130 / 9128	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9250 / 9248	DEF AT local marker foram increase	DEF AT 3
9430 / 9428	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9580 / 9578	DEF AT - - - - -	DEF AT 2
10030 /10028	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
10090 /10088	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
10300 /10297	POS AT local marker foram decrease	DEF AT 2
10390 /10387	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
10510 /10507	DEF AT local marker benthic foram increase	DEF AT 3
10630 /10627	DEF AT local marker foram decrease	DEF AT 2
10720 /10717	DEF AT local marker planktic foram increase	DEF AT 3
10810 /10807	DEF AT local marker planktic foram increase	DEF AT 4
11140 /11136	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
11230 /11226	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
11260 /11256	POS AT local marker deep water fauna	DEF AT 3
11274 /11270	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 20-MAY-1985	First Sample Examined: 0
Lease Number: G06178	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10972
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8953
API Well Number: 427084016500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 05-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5140 / 4541	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
5920 / 5112	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6250 / 5348	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6280 / 5370	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6760 / 5714	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7210 / 6039	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7510 / 6257	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9280 / 7637	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9640 / 7919	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
10750 / 8770	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 20	Date of Summary: 04-JAN-1985	First Sample Examined: 3120
Lease Number: G06178	Source of Paleo: OPERATOR	Borehole MD: 10940
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9093
API Well Number: 427084016900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3120 - 10940	Water Depth: 56
Public Info Code: Y 05-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3120 / 3042	DEF AT first sample examined	DEF AT
3121 / 3043	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3240 / 3146	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
4120 / 3831	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5000 / 4485	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5090 / 4554	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
5660 / 4988	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5720 / 5033	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6380 / 5530	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6740 / 5801	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
7070 / 6046	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7340 / 6239	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7550 / 6388	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT
8540 / 7172	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8720 / 7319	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
8990 / 7542	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
9200 / 7714	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9560 / 8008	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
10729 / 8933	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
10730 / 8933	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10940 / 9099	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 22	Date of Summary: 02-MAY-1986	First Sample Examined: 1000
Lease Number: G06180	Source of Paleo: OPERATOR	Borehole MD: 12700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12700
API Well Number: 427084014400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12700	Water Depth: 61
Public Info Code: Y 24-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 1
3190 / 3190	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3580 / 3580	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3940 / 3940	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5020 / 5020	DEF AT -----	DEF AT 1
5170 / 5170	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5230 / 5230	DEF AT -----	DEF AT 2
5320 / 5320	DEF AT -----	DEF AT 1
5410 / 5410	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
5560 / 5560	DEF AT -----	DEF AT 2
5680 / 5680	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6250 / 6250	DEF AT -----	DEF AT 1
6730 / 6730	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
7270 / 7270	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
7600 / 7600	DEF AT -----	DEF AT 2
7960 / 7960	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8100 / 8100	DEF AT -----	DEF AT 1
8710 / 8710	DEF AT -----	DEF AT 2
8740 / 8740	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9460 / 9459	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
9610 / 9609	DEF AT -----	DEF AT 3
9910 / 9909	DEF AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 22	<b>Date of Summary:</b> 02-MAY-1986	<b>First Sample Examined:</b> 1000
<b>Lease Number:</b> G06180	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12700
<b>API Well Number:</b> 427084014400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1000 - 12700	<b>Water Depth:</b> 61
<b>Public Info Code:</b> Y 24-JUL-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10180 /10179	DEF AT -----	DEF AT 3
10270 /10269	DEF AT -----	DEF AT 2
10410 /10409	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
10660 /10659	DEF AT -----	DEF AT 3
10810 /10809	DEF AT -----	DEF AT 2
11500 /11499	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
11650 /11648	DEF AT -----	DEF AT 3
11680 /11677	DEF AT deepwater facies Harang	DEF AT 3
12430 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
12610 /	DEF AT -----	DEF AT 3
12700 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 22	Date of Summary: 03-JUL-1985	First Sample Examined: 0
Lease Number: G06180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11710
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10993
API Well Number: 427084017900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 28-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4200 / 4157	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5400 / 5234	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5910 / 5692	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6930 / 6614	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7380 / 7026	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8250 / 7830	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9060 / 8585	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9960 / 9400	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10410 / 9802	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 23	Date of Summary: 05-APR-1993	First Sample Examined: 7500
Lease Number: G13330	Source of Paleo: OPERATOR	Borehole MD: 11542
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11535
API Well Number: 427084037600	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4800 - 11520	Water Depth: 60
Public Info Code: Y 05-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7500 / 7500	DEF AT first sample examined	DEF AT 1
7530 / 7530	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
7950 / 7950	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 1
8220 / 8220	DEF AT Arenaceous fauna (local marker)	DEF AT 1
8880 / 8880	DEF AT local marker benthic foram increase	DEF AT 2
8940 / 8940	DEF AT local marker benthic foram increase	DEF AT 2
9300 / 9300	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
9450 / 9450	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9780 / 9780	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
9810 / 9810	DEF AT local marker benthic foram increase	DEF AT 2
9900 / 9900	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
10440 / 10439	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
10530 / 10529	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
11070 / 11069	DEF AT local marker benthic foram increase	DEF AT 2
11490 / 11489	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 23	Date of Summary: 16-OCT-1999	First Sample Examined: 0
Lease Number: G13330	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7632
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7632
API Well Number: 427084042500	Drilling Operator: ENERGY RESOURCE TECHNOLOGY INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 05-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6420	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 23	<b>Date of Summary:</b> 16-OCT-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13330	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8192
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8192
<b>API Well Number:</b> 427084042700	<b>Drilling Operator:</b> ENERGY RESOURCE TECHNOLOGY INC	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 59
<b>Public Info Code:</b> Y 05-SEP-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 6650	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 39	Date of Summary: 24-APR-1991	First Sample Examined: 0
Lease Number: G11367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11750
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11750
API Well Number: 427084036000	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10960 /10959	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 68	<b>Date of Summary:</b> 27-JUN-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07298	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7198
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7198
<b>API Well Number:</b> 427084019700	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 84
<b>Public Info Code:</b> Y 25-JUL-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 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
5490 / 5490	POS AT Upper (Late) Miocene	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 68	Date of Summary: 25-MAR-1986	First Sample Examined: 0
Lease Number: G07298	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5260
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5260
API Well Number: 427084021900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 28-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1472 / 1472	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
2557 / 2557	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
3148 / 3147	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4513 / 4512	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 69	Date of Summary: 10-DEC-1985	First Sample Examined: 1020
Lease Number: G06187	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12994
API Well Number: 427084021100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1020 - 13005	Water Depth: 67
Public Info Code: Y 17-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1020 / 1020	DEF AT first sample examined	DEF IN 2
4140 / 4140	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4560 / 4560	DEF AT - - - - -	DEF AT 4
5760 / 5760	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5910 / 5910	DEF AT - - - - -	DEF AT 5
5970 / 5970	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
6000 / 6000	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
6870 / 6870	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
7590 / 7589	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
8190 / 8189	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
8730 / 8729	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
10200 / 10198	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10950 / 10947	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
13005 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 69	Date of Summary: 25-NOV-1987	First Sample Examined: 0
Lease Number: G06187	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5799
API Well Number: 427084026100	Drilling Operator: CLIFFS OIL AND GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 17-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 / 3040	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 69	Date of Summary: 30-MAR-1993	First Sample Examined: 0
Lease Number: G06187	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3200
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3200
API Well Number: 427084031500	Drilling Operator: OFFSHORE ENERGY DEVELOPMENT	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 17-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3200	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 69	<b>Date of Summary:</b> 07-DEC-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06187	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3697
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3201
<b>API Well Number:</b> 427084032000	<b>Drilling Operator:</b> AQUILA ENERGY CORPORATION	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 80
<b>Public Info Code:</b> Y 17-NOV-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3697 / 3197	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 83	<b>Date of Summary:</b> 02-DEC-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07300	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3400
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3400
<b>API Well Number:</b> 427084024100	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 86
<b>Public Info Code:</b> Y 19-NOV-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2902 / 2902	DEF AT gray shale	DEF AT
3198 / 3198	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 87	Date of Summary: 20-JUN-1995	First Sample Examined: 0
Lease Number: G12556	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3612
API Well Number: 427084041000	Drilling Operator: DAVIS PETROLEUM CORP	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 31-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2800	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 88	<b>Date of Summary:</b> 18-DEC-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G17164	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9500
<b>API Well Number:</b> 427084047000	<b>Drilling Operator:</b> EL PASO PRODUCTION GOM INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 81
<b>Public Info Code:</b> Y 17-DEC-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9255 / 9254	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 128	Date of Summary: 10-JUN-1993	First Sample Examined: 0
Lease Number: G12562	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4450
API Well Number: 427084037900	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 31-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1715 / 1715	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 129	Date of Summary: 31-AUG-1989	First Sample Examined: 0
Lease Number: G07306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6900
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6900
API Well Number: 427084023600	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 16-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2000 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5300 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6160 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 129	Date of Summary: 08-SEP-1989	First Sample Examined: 0
Lease Number: G07306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6870
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6250
API Well Number: 427084024200	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 04-OCT-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2030 / 1995	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3820 / 3571	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6220 / 5670	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A 193	Date of Summary: 23-AUG-1984	First Sample Examined: 0
Lease Number: G06209	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6465
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5592
API Well Number: 427104003100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 29-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5140 / 4513	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5200 / 4561	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5620 / 4900	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A193	Date of Summary: 06-SEP-1984	First Sample Examined: 2730
Lease Number: G06209	Source of Paleo: OPERATOR	Borehole MD: 6465
Well Name: A001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 5592
API Well Number: 427104003100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 2730 - 5750	Water Depth: 65
Public Info Code: Y 29-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2730 / 2618	DEF AT -----	DEF AT 1
2900 / 2751	DEF AT non-marine sediment	DEF AT 0
3500 / 3220	DEF AT -----	DEF AT 0
3620 / 3315	DEF AT non-marine sediment	DEF AT 0
4250 / 3812	DEF AT -----	DEF AT 1
4430 / 3953	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4640 / 4118	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	POS AT 1
4730 / 4189	DEF AT -----	DEF AT 1
4760 / 4212	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
4790 / 4236	DEF AT -----	DEF AT 2
4940 / 4354	DEF AT -----	DEF AT 1
5000 / 4402	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 1
5090 / 4473	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5570 / 4859	DEF AT -----	POS AT 1
5690 / 4957	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A200	<b>Date of Summary:</b> 11-MAY-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08172	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4500
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4500
<b>API Well Number:</b> 427104009900	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 03-JUN-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3370	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A200	<b>Date of Summary:</b> 13-AUG-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10291	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6738
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4427
<b>API Well Number:</b> 427104010500	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 75
<b>Public Info Code:</b> Y 18-MAY-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3150 / 2434	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5650 / 3821	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A233	Date of Summary: 28-DEC-1990	First Sample Examined: 0
Lease Number: G11377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6683
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5600
API Well Number: 427104010700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1148 / 1146	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A244	<b>Date of Summary:</b> 23-FEB-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05010	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8000
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 427104001800	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 07-FEB-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6130 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7900 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A244	Date of Summary: 09-FEB-1994	First Sample Examined: 0
Lease Number: G06214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8150
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7605
API Well Number: 427104007100	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 13-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4818 / 4612	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5614 / 5333	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8132 / 7592	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A245	<b>Date of Summary:</b> 02-DEC-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13334	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8609
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6889
<b>API Well Number:</b> 427104011200	<b>Drilling Operator:</b> TANA OIL AND GAS CORPORATION	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 118
<b>Public Info Code:</b> Y 09-AUG-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 4890	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A245	Date of Summary: 28-NOV-1994	First Sample Examined: 0
Lease Number: G13334	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5650
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4582
API Well Number: 427104011400	Drilling Operator: TANA OIL AND GAS CORPORATION	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 09-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 3523	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
5160 / 4250	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A271	Date of Summary: 23-FEB-1996	First Sample Examined: 0
Lease Number: G06245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5200
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 427114058400	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 11-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3551 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A281	Date of Summary: 16-JAN-1985	First Sample Examined: 0
Lease Number: G03377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11039
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 8778
API Well Number: 427114058700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 03-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5210 / 5090	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9290 / 7626	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A282	Date of Summary: 16-APR-1986	First Sample Examined: 3340
Lease Number: G04591	Source of Paleo: OPERATOR	Borehole MD: 11231
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11003
API Well Number: 427114060100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 1 of 4	Sample Range: 3340 - 8500	Water Depth: 173
Public Info Code: Y 16-NOV-1995	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 2
3570 / 3570	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5160 / 5160	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5860 / 5860	DEF AT -----	DEF IN 2
6400 / 6400	DEF AT -----	DEF AT 2
7410 / 7409	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7670 / 7669	DEF AT -----	DEF IN 3
7800 / 7799	DEF AT -----	DEF AT 3
8100 / 8099	DEF AT -----	DEF AT 2
8500 / 8499	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A282	<b>Date of Summary:</b> 16-APR-1986	<b>First Sample Examined:</b> 8500
<b>Lease Number:</b> G04591	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11231
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11003
<b>API Well Number:</b> 427114060100	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 2 of 4	<b>Sample Range:</b> 8500 - 11220	<b>Water Depth:</b> 173
<b>Public Info Code:</b> Y 16-NOV-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8499	DEF AT first sample examined	DEF AT 2
9450 / 9447	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10620 /10490	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
11220 /10994	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A282	<b>Date of Summary:</b> 18-APR-1986	<b>First Sample Examined:</b> 10560
<b>Lease Number:</b> G04591	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11231
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11003
<b>API Well Number:</b> 427114060100	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 10560 - 11220	<b>Water Depth:</b> 173
<b>Public Info Code:</b> Y 16-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report for sidetrack, per phone conversation with Mr McLennan of Unocal on 18 April 1986

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 /10440	DEF AT first sample examined	DEF AT
10561 /10441	DEF IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
11219 /10993	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11220 /10994	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A282	<b>Date of Summary:</b> 18-APR-1986	<b>First Sample Examined:</b> 3600
<b>Lease Number:</b> G04591	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11231
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11003
<b>API Well Number:</b> 427114060100	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 3600 - 11160	<b>Water Depth:</b> 173
<b>Public Info Code:</b> Y 16-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF AT
3601 / 3601	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9570 / 9563	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10560 /10440	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11159 /10943	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11160 /10944	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A295	Date of Summary: 12-MAR-1990	First Sample Examined: 1000
Lease Number: G11401	Source of Paleo: OPERATOR	Borehole MD: 6001
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6001
API Well Number: 427114065600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6000	Water Depth: 197
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1810 / 1810	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
1870 / 1870	DEF AT - - - - -	DEF AT 3
4840 / 4840	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6000 / 6000	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A310	Date of Summary: 24-MAY-1984	First Sample Examined: 3220
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 11181
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9977
API Well Number: 427114058200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 3220 - 6460	Water Depth: 213
Public Info Code: Y 29-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3220 / 3022	DEF AT first sample examined	POS IN 3
3221 / 3023	DEF IN cement	POS IN 3
3370 / 3152	DEF AT - - - - -	DEF IN 3
4930 / 4502	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6460 / 5807	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A310	<b>Date of Summary:</b> 24-MAY-1984	<b>First Sample Examined:</b> 5710
<b>Lease Number:</b> G02735	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11181
<b>Well Name:</b> B004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9977
<b>API Well Number:</b> 427114058200	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5710 - 11170	<b>Water Depth:</b> 213
<b>Public Info Code:</b> Y 29-MAY-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5710 / 5179	DEF AT first sample examined	DEF IN 3
9730 / 8595	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11170 / 9966	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A310	Date of Summary: 16-JAN-1984	First Sample Examined: 3000
Lease Number: G03378	Source of Paleo: OPERATOR	Borehole MD: 11985
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9102
API Well Number: 427114057800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11969	Water Depth: 213
Public Info Code: Y 03-FEB-1994	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
4530 / 4483	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10450 / 8295	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11230 / 8715	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11969 / 9093	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A310	<b>Date of Summary:</b> 20-MAR-1984	<b>First Sample Examined:</b> 4360
<b>Lease Number:</b> G03378	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12811
<b>Well Name:</b> B003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10038
<b>API Well Number:</b> 427114058000	<b>Drilling Operator:</b> AMINOIL INC.	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4360 - 12810	<b>Water Depth:</b> 213
<b>Public Info Code:</b> Y 17-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4360 / 3510	DEF AT first sample examined	DEF AT 3
4361 / 3511	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8940 / 6431	DEF AT -----	DEF AT 4
12810 /10038	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A310	Date of Summary: 12-JUN-1984	First Sample Examined: 3490
Lease Number: G03378	Source of Paleo: OPERATOR	Borehole MD: 11772
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8772
API Well Number: 427114058300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 3490 - 11772	Water Depth: 213
Public Info Code: Y 05-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3490 / 3021	DEF AT first sample examined	DEF IN 2
4270 / 3580	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
4630 / 3834	DEF AT - - - - -	DEF AT 3
11772 / 8771	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A310	<b>Date of Summary:</b> 07-OCT-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03378	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11772
<b>Well Name:</b> B005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8772
<b>API Well Number:</b> 427114058300	<b>Drilling Operator:</b> EL PASO EXPLORATION & PRODUCTION MANAGEMENT	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 213
<b>Public Info Code:</b> Y 05-JUL-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8202 / 6312	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A310	Date of Summary: 06-SEP-1984	First Sample Examined: 3310
Lease Number: G03378	Source of Paleo: OPERATOR	Borehole MD: 11792
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8645
API Well Number: 427114058600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3310 - 11792	Water Depth: 213
Public Info Code: Y 10-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3310 / 3310	DEF AT first sample examined	DEF IN 3
3940 / 3940	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
11792 / 8644	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A310	Date of Summary: 21-SEP-1984	First Sample Examined: 3607
Lease Number: G03378	Source of Paleo: OPERATOR	Borehole MD: 9581
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7920
API Well Number: 427114058800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3607 - 9570	Water Depth: 213
Public Info Code: Y 03-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3607 / 3444	DEF AT first sample examined	POS AT 3
3608 / 3445	DEF AT cement	POS AT 3
3750 / 3551	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4050 / 3775	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9570 / 7897	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A310	Date of Summary: 08-OCT-1984	First Sample Examined: 3000
Lease Number: G03378	Source of Paleo: OPERATOR	Borehole MD: 8075
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6725
API Well Number: 427114059100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8075	Water Depth: 213
Public Info Code: Y 26-OCT-1994	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	POS AT 3
3001 / 3000	DEF IN cement	POS AT 3
3240 / 3239	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4290 / 4246	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8075 / 6725	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A335	Date of Summary: 04-AUG-1986	First Sample Examined: 0
Lease Number: G02738	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13855
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13855
API Well Number: 427114060400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 02-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2980 / 2980	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5790 / 5789	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8010 / 8008	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
12010 / 12005	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 1050
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 8036
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8036
API Well Number: 427114006400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8036	Water Depth: 242
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF AT 2
1170 / 1170	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1350 / 1350	DEF AT -----	DEF AT 2
1740 / 1740	DEF AT -----	DEF AT 3
2040 / 2040	DEF AT -----	DEF AT 2
2520 / 2520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3960 / 3960	DEF AT -----	DEF AT 1
4530 / 4530	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5070 / 5070	DEF AT -----	DEF AT 4
5190 / 5190	DEF AT -----	DEF AT 3
5310 / 5310	DEF AT -----	DEF AT 2
8036 / 8036	DEF AT last sample examined	DEF AT 2

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 1300
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 10446
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9425
API Well Number: 427114012000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 1300 - 10438	Water Depth: 244
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	DEF AT first sample examined	DEF AT 2
1870 / 1870	DEF AT -----	DEF AT 3
1990 / 1990	DEF AT -----	DEF AT 2
2440 / 2440	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3820 / 3820	DEF AT -----	DEF AT 1
5110 / 5039	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5230 / 5141	DEF AT -----	DEF AT 2
8140 / 7558	DEF AT -----	DEF AT 3
8290 / 7673	DEF AT -----	DEF AT 2
8320 / 7696	DEF AT -----	DEF AT 0
8560 / 7880	DEF AT -----	DEF AT 2
9100 / 8301	DEF AT -----	DEF AT 3
9130 / 8326	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9280 / 8449	DEF AT -----	DEF AT 2
9430 / 8576	DEF AT -----	DEF AT 3
9640 / 8755	DEF AT -----	DEF AT 2
10120 / 9158	DEF AT -----	DEF AT 3
10330 / 9330	DEF AT -----	DEF AT 4
10438 / 9420	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A341	<b>Date of Summary:</b> 23-NOV-1987	<b>First Sample Examined:</b> 1030
<b>Lease Number:</b> G02427	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 7200
<b>Well Name:</b> 003	<b>Paleo Done By:</b> GAY LARRE'	<b>Borehole TVD:</b> 6846
<b>API Well Number:</b> 427114012500	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 51
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1030 - 7200	<b>Water Depth:</b> 242
<b>Public Info Code:</b> Y 28-JUN-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	DEF AT first sample examined	DEF AT 2
1090 / 1090	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1300 / 1300	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1360 / 1360	DEF AT faunal change (no faunal increase)	DEF AT 1
1870 / 1866	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 1
1900 / 1895	DEF AT pyrite	DEF AT 1
1901 / 1896	POS AT unconformity	DEF AT 1
2320 / 2298	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2440 / 2409	POS AT volcanics	DEF AT 3
2710 / 2650	DEF AT gray shale	DEF AT 2
3430 / 3270	DEF AT oxidized shale	DEF AT 2
3431 / 3271	DEF AT glauconite	DEF AT 2
3432 / 3272	POS AT unconformity	DEF AT 2
3760 / 3556	DEF AT cement	POS AT 2
3910 / 3686	DEF AT sand	DEF AT 1
5499 / 5160	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5500 / 5161	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5560 / 5219	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6820 / 6467	DEF AT gray shale	DEF AT 2
6821 / 6468	DEF AT oxidized shale	DEF AT 2
7120 / 6766	DEF AT sandstone	DEF AT 2
7200 / 6846	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 1820
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10483
API Well Number: 427114043000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 1010 - 8400	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1820 / 1819	DEF AT first sample examined	DEF AT 1
2000 / 1999	DEF AT -----	DEF AT 2
2640 / 2639	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2910 / 2909	DEF AT -----	DEF AT 1
3000 / 2999	DEF AT -----	DEF AT 2
3180 / 3179	DEF AT sample gap top	POS AT 2
4900 / 4896	DEF AT sample gap bottom	DEF AT 2
5050 / 5046	DEF AT -----	DEF AT 1
5320 / 5316	DEF AT -----	DEF AT 2
5440 / 5436	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5800 / 5795	DEF AT -----	DEF AT 2
6570 / 6565	DEF AT -----	DEF AT 1
6810 / 6805	DEF AT -----	DEF AT 2
8400 / 8393	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 5010
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10483
API Well Number: 427114043000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 4110 - 10500	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5010 / 5006	DEF AT first sample examined	DEF AT
5520 / 5516	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5640 / 5635	DEF AT - - - - -	DEF AT 2
5790 / 5785	DEF AT sample gap top	POS AT 2
8010 / 8004	DEF AT sample gap bottom	DEF AT 3
8040 / 8034	DEF AT - - - - -	DEF AT 2
10460 /10444	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
10500 /10484	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 2320
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 9353
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5875
API Well Number: 427114044600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9360	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2320 / 2047	DEF AT first sample examined	DEF AT 2
3100 / 2536	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3610 / 2836	DEF AT sample gap top	POS AT 2
6120 / 4122	DEF AT sample gap bottom	DEF AT 2
6300 / 4219	DEF AT -----	DEF AT 1
6810 / 4493	DEF AT -----	DEF AT 2
7470 / 4843	DEF AT -----	DEF AT 3
7680 / 4941	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7890 / 5038	DEF AT -----	DEF AT 2
9360 /	DEF AT last sample examined	DEF AT 2



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 5010
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 10074
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9604
API Well Number: 427114045800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10074	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4820	DEF AT first sample examined	DEF AT 1
5370 / 5156	DEF AT -----	DEF AT 2
5640 / 5408	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6060 / 5797	DEF AT -----	DEF AT 2
8440 / 8035	DEF AT -----	DEF AT 3
8740 / 8323	DEF AT -----	DEF AT 2
10074 / 9604	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 2530
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 10247
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6640
API Well Number: 427114046200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9880	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2530 / 2243	DEF AT first sample examined	DEF AT 3
2800 / 2378	DEF AT -----	DEF AT 2
2890 / 2422	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3730 / 2865	DEF AT sample gap top	POS AT 1
6040 / 4106	DEF AT sample gap bottom	DEF AT 1
6670 / 4436	DEF AT -----	DEF AT 2
7600 / 4928	DEF AT -----	DEF AT 3
7780 / 5025	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8000 / 5143	DEF AT -----	DEF AT 2
9880 /	DEF AT last sample examined	DEF AT 2

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End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 5010
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 10335
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9336
API Well Number: 427114046800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10230	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5010 / 5008	DEF AT first sample examined	DEF AT 2
5130 / 5126	DEF AT -----	DEF AT 1
5400 / 5386	DEF AT -----	DEF AT 2
5490 / 5470	DEF AT -----	DEF AT 3
5520 / 5497	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
5640 / 5606	DEF AT -----	DEF AT 2
6180 / 6053	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6420 / 6238	DEF AT sample gap top	POS AT 2
7950 / 7415	DEF AT sample gap bottom	DEF AT 2
9210 / 8407	DEF AT -----	DEF AT 3
9420 / 8578	DEF AT -----	DEF AT 2
10230 / 9248	DEF AT last sample examined	DEF AT 2

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End Date: 31-DEC-1999

Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 6010
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 9256
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6095
API Well Number: 427114046900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9270	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 / 4234	DEF AT first sample examined	DEF AT 2
7410 / 5023	DEF AT - - - - -	DEF AT 3
7440 / 5040	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8100 / 5434	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8160 / 5470	DEF AT - - - - -	DEF AT 2
9270 /	DEF AT last sample examined	DEF AT 2

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Area Block: HI A341	Date of Summary: 30-APR-1986	First Sample Examined: 5410
Lease Number: G02427	Source of Paleo: OPERATOR	Borehole MD: 9107
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8214
API Well Number: 427114047001	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9107	Water Depth: 240
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5410 / 5348	DEF AT first sample examined	DEF AT 2
5470 / 5400	DEF AT -----	DEF AT 3
5590 / 5501	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5890 / 5756	DEF AT -----	DEF AT 2
6250 / 6063	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7150 / 6775	DEF AT sample gap top	POS AT 2
8500 / 7768	DEF AT sample gap bottom	DEF AT 2
9107 / 8215	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A343	Date of Summary: 17-FEB-1995	First Sample Examined: 0
Lease Number: G14196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6600
API Well Number: 427114072000	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 239
Public Info Code: Y 31-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5888 / 5888	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A352	Date of Summary: 25-JUN-1997	First Sample Examined: 0
Lease Number: G14197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14400
API Well Number: 427114076700	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 31-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1454 / 1454	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5162 / 5162	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A373	Date of Summary: 25-JAN-1990	First Sample Examined: 3000
Lease Number: G07367	Source of Paleo: OPERATOR	Borehole MD: 13757
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12158
API Well Number: 427114065000	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3000 - 13740	Water Depth: 375
Public Info Code: Y 30-JUL-1996	Ecozone Eq MMS: Y	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 4
3001 / 3001	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3660 / 3660	DEF AT -----	DEF AT 5
4620 / 4619	DEF AT -----	DEF AT 4
5190 / 5189	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5730 / 5729	DEF AT -----	DEF AT 3
11160 /10496	DEF AT -----	DEF AT 4
13740 /12149	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A377	Date of Summary: 12-OCT-1994	First Sample Examined: 3000
Lease Number: G11406	Source of Paleo: OPERATOR	Borehole MD: 8800
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8800
API Well Number: 427114071400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8800	Water Depth: 334
Public Info Code: Y 17-JAN-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF AT 3
3780 / 3780	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3930 / 3930	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4500 / 4500	DEF AT faunal change (no faunal increase)	DEF AT 1
5130 / 5130	POS AT unconformity	DEF AT 3
5580 / 5580	POS AT unconformity	DEF AT 2
5700 / 5700	POS AT unconformity	DEF AT 2
6000 / 6000	DEF AT faunal change (no faunal increase)	POS AT 3
7950 / 7950	POS AT unconformity	DEF AT 5
8010 / 8010	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8070 / 8070	DEF AT faunal change (no faunal increase)	POS AT 5
8760 / 8760	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 29-JUN-1988	First Sample Examined: 0
Lease Number: G02393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15630
Well Name: F009	Paleo Done By: OPERATOR	Borehole TVD: 11328
API Well Number: 427114062000	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 347
Public Info Code: Y 23-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 / 7215	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
14740 /10698	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 31-DEC-1987	First Sample Examined: 0
Lease Number: G02757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: F005	Paleo Done By: OPERATOR	Borehole TVD: 11994
API Well Number: 427114060900	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 342
Public Info Code: Y 25-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4380 / 4306	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
11220 /11141	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
11910 /11831	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 15-SEP-1987	First Sample Examined: 0
Lease Number: G02757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10801
Well Name: F006	Paleo Done By: OPERATOR	Borehole TVD: 10001
API Well Number: 427114061000	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 341
Public Info Code: Y 22-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4260 / 4257	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10110 / 9385	DEF 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-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 29-JAN-1988	First Sample Examined: 0
Lease Number: G02757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12204
Well Name: F008	Paleo Done By: OPERATOR	Borehole TVD: 9998
API Well Number: 427114061700	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 347
Public Info Code: Y 16-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6030 / 5255	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10530 / 8660	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-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 14-OCT-1988	First Sample Examined: 0
Lease Number: G02757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12319
Well Name: F010	Paleo Done By: OPERATOR	Borehole TVD: 11087
API Well Number: 427114062600	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 347
Public Info Code: Y 21-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 4848	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9855 / 8960	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-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 01-FEB-1989	First Sample Examined: 0
Lease Number: G02757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16588
Well Name: F011	Paleo Done By: OPERATOR	Borehole TVD: 15327
API Well Number: 427114063100	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 347
Public Info Code: Y 10-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
11300 /10151	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
12750 /11559	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
13080 /11879	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13950 /12723	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
15390 /14142	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
15690 /14437	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
16470 /15210	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A382	Date of Summary: 25-MAY-1989	First Sample Examined: 0
Lease Number: G02757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12786
Well Name: F013	Paleo Done By: OPERATOR	Borehole TVD: 11993
API Well Number: 427114063800	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 347
Public Info Code: Y 01-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9835 / 9158	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
11890 /11136	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
12400 /11622	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A384	<b>Date of Summary:</b> 10-APR-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03316	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8905
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8197
<b>API Well Number:</b> 427114063300	<b>Drilling Operator:</b> UNION EXPLORATION PARTNERS LTD	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 390
<b>Public Info Code:</b> Y 25-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3768 / 3614	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7280 / 6653	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7400 / 6766	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A392	Date of Summary: 27-JUN-1995	First Sample Examined: 2020
Lease Number: G13853	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12501
API Well Number: 427114072800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2020 - 12880	Water Depth: 354
Public Info Code: Y 30-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2020 / 2011	DEF AT first sample examined	DEF AT 3
2140 / 2127	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4900 / 4695	DEF AT -----	DEF AT 4
4960 / 4751	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5590 / 5326	DEF AT -----	DEF AT 5
5860 / 5568	DEF AT -----	DEF AT 3
6990 / 6622	DEF AT -----	DEF AT 4
7890 / 7512	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8310 / 7931	DEF AT -----	DEF AT 5
8670 / 8291	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9390 / 9010	DEF AT poor sample interval top	DEF AT 5
9930 / 9550	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10846 /10466	DEF AT poor sample interval bottom	DEF AT 5
11400 /11019	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11610 /11229	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12300 /11919	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12330 /11949	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
12880 /12499	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A402	Date of Summary: 02-OCT-1997	First Sample Examined: 2940
Lease Number: G14203	Source of Paleo: OPERATOR	Borehole MD: 15062
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14000
API Well Number: 427114078400	Drilling Operator: HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2940 - 15062	Water Depth: 574
Public Info Code: Y 30-NOV-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2940 / 2940	DEF AT first sample examined	DEF AT 4
4350 / 4350	DEF AT -----	DEF AT 5
4800 / 4800	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5370 / 5370	DEF AT -----	DEF AT 4
5760 / 5760	DEF AT reworked material	DEF AT 4
6000 / 6000	DEF AT -----	DEF AT 5
6480 / 6480	DEF AT -----	DEF AT 4
10290 /10085	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10770 /10473	DEF AT -----	DEF AT 3
11460 /11034	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
14130 /13213	DEF AT -----	DEF AT 4
15062 /14000	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A402	Date of Summary: 02-OCT-1997	First Sample Examined: 3510
Lease Number: G14203	Source of Paleo: OPERATOR	Borehole MD: 15062
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14000
API Well Number: 427114078400	Drilling Operator: HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 3510 - 15062	Water Depth: 574
Public Info Code: Y 30-NOV-1998	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3510	DEF AT first sample examined	DEF AT
4050 / 4050	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5190 / 5190	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
10140 / 9964	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10260 /10061	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11460 /11034	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
15062 /14000	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A417	Date of Summary: 30-JUN-1992	First Sample Examined: 4500
Lease Number: G09114	Source of Paleo: OPERATOR	Borehole MD: 9769
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8251
API Well Number: 427094095200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4500 - 9750	Water Depth: 161
Public Info Code: Y 28-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4287	DEF AT first sample examined	DEF IN 3
4890 / 4575	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
6990 / 6145	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
9660 / 8168	DEF AT - - - - -	DEF AT 5
9750 / 8237	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A421	Date of Summary: 06-FEB-1996	First Sample Examined: 0
Lease Number: G12576	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 427094100200	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 29-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5918 / 5917	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A448	Date of Summary: 20-JAN-1984	First Sample Examined: 2705
Lease Number: G02361	Source of Paleo: OPERATOR	Borehole MD: 8823
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8819
API Well Number: 427094079000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 2705 - 8820	Water Depth: 163
Public Info Code: Y 12-FEB-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2705 / 2705	DEF AT first sample examined	DEF AT 2
2830 / 2830	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3860 / 3860	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3920 / 3920	DEF AT -----	DEF AT 2
5250 / 5250	DEF AT -----	DEF AT 3
5310 / 5310	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5530 / 5530	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7035 / 7034	DEF AT -----	DEF AT 4
7095 / 7094	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7595 / 7594	DEF AT -----	DEF AT 5
7940 / 7939	DEF AT -----	DEF AT 3
8778 / 8774	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 6
8779 / 8775	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
8780 / 8776	DEF AT local marker deep water fauna	DEF AT 6
8820 / 8816	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A462	Date of Summary: 27-DEC-1983	First Sample Examined: 0
Lease Number: G03478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8004
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7631
API Well Number: 427094078500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 01-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6474	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A462	Date of Summary: 01-JUN-1984	First Sample Examined: 0
Lease Number: G03478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8004
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7631
API Well Number: 427094078500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 01-JAN-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4233 / 4054	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5530 / 5278	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A468	Date of Summary: 18-JAN-1993	First Sample Examined: 0
Lease Number: G13336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10098
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9293
API Well Number: 427094095700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1485 / 1482	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3750 / 3738	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6230 / 6154	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8120 / 7575	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A468	Date of Summary: 26-MAY-1993	First Sample Examined: 0
Lease Number: G13336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3500
API Well Number: 427094096500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1740 / 1740	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A470	Date of Summary: 22-JUN-1994	First Sample Examined: 0
Lease Number: G11385	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10517
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10383
API Well Number: 427094097200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 4120	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
4600 / 4600	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7840 / 7714	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A471	Date of Summary: 04-APR-1985	First Sample Examined: 3350
Lease Number: G02690	Source of Paleo: OPERATOR	Borehole MD: 9674
Well Name: B004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7964
API Well Number: 427094082300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3350 - 9674	Water Depth: 193
Public Info Code: Y 01-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 2586	DEF AT first sample examined	DEF AT 2
4610 / 3465	DEF AT - - - - -	DEF AT 3
5560 / 4300	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6240 / 4912	DEF AT - - - - -	DEF AT 4
6390 / 5047	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8699 / 7121	DEF AT Bathysiphon fauna	DEF AT 4
8700 / 7122	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9539 / 7848	DEF AT Bathysiphon fauna	DEF AT 5
9540 / 7849	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9663 / 7955	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9664 / 7956	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9674 / 7964	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A471	<b>Date of Summary:</b> 01-JUL-1985	<b>First Sample Examined:</b> 900
<b>Lease Number:</b> G02690	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9350
<b>Well Name:</b> C008	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8231
<b>API Well Number:</b> 427094083400	<b>Drilling Operator:</b> MCMORAN OFFSHORE PRODUCTION CO	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 900 - 9350	<b>Water Depth:</b> 191
<b>Public Info Code:</b> Y 20-JUL-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 / 900	DEF AT first sample examined	DEF AT 4
901 / 901	DEF AT cement	DEF AT 4
1080 / 1080	DEF AT -----	DEF AT 2
1710 / 1710	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2220 / 2219	DEF AT -----	DEF AT 4
2400 / 2396	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
2550 / 2539	DEF AT -----	DEF AT 3
2910 / 2867	DEF AT -----	DEF AT 2
4100 / 3750	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4989 / 4415	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4990 / 4415	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5930 / 5240	DEF AT -----	DEF AT 4
6470 / 5714	DEF AT -----	DEF AT 3
8060 / 7091	DEF AT -----	DEF AT 4
9109 / 8017	DEF AT Bathysiphon fauna	DEF AT 5
9110 / 8018	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9290 / 8178	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9320 / 8204	DEF IN local marker deep water fauna	DEF AT 6
9350 / 8231	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A472	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G04586	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9613
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9610
API Well Number: 427094064800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 27-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3870	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5250 / 5249	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8340 / 8338	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A472	Date of Summary: 20-JAN-1982	First Sample Examined: 0
Lease Number: G04586	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8975
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8971
API Well Number: 427094065800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 27-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1620 / 1620	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3390 / 3390	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4680 / 4680	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5310 / 5310	DEF AT - - - - -	DEF AT 4
7530 / 7528	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A472	Date of Summary: 22-NOV-1982	First Sample Examined: 1000
Lease Number: G04586	Source of Paleo: OPERATOR	Borehole MD: 5336
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4412
API Well Number: 427094073500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5303	Water Depth: 183
Public Info Code: Y 27-SEP-1995	Ecozone Eq MMS: Y	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 2
1330 / 1329	DEF AT faunal change (no faunal increase)	DEF AT 3
1480 / 1478	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1600 / 1597	DEF AT sample gap top	POS AT 3
2430 / 2363	DEF AT sample gap bottom	DEF AT 3
3210 / 2957	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5303 / 4383	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A472	<b>Date of Summary:</b> 23-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04586	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10597
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9077
<b>API Well Number:</b> 427094074300	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 27-SEP-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 5144	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8640 / 7781	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A472	<b>Date of Summary:</b> 30-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04586	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10597
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9077
<b>API Well Number:</b> 427094074300	<b>Drilling Operator:</b> PENNZENERGY COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 183
<b>Public Info Code:</b> Y 27-SEP-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 5144	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8640 / 7781	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A477	Date of Summary: 27-DEC-1983	First Sample Examined: 4510
Lease Number: G06226	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8575
API Well Number: 427094078600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4510 - 11020	Water Depth: 170
Public Info Code: Y 19-JAN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4033	DEF AT first sample examined	DEF IN 3
4720 / 4165	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5680 / 4802	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8650 / 6937	DEF AT -----	DEF AT 4
9250 / 7354	DEF AT -----	DEF AT 5
9340 / 7417	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11020 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A477	Date of Summary: 16-JAN-1985	First Sample Examined: 4210
Lease Number: G06226	Source of Paleo: OPERATOR	Borehole MD: 9219
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8565
API Well Number: 427094081200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4210 - 9200	Water Depth: 170
Public Info Code: Y 11-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4210 / 4032	DEF AT first sample examined	DEF IN 3
4211 / 4033	DEF IN cement	POS IN 3
4390 / 4194	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6500 / 6112	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6710 / 6301	DEF AT -----	DEF AT 4
7640 / 7141	DEF AT -----	DEF AT 5
7700 / 7196	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9200 / 8549	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A486	<b>Date of Summary:</b> 31-MAY-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06227	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8199
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8195
<b>API Well Number:</b> 427094090900	<b>Drilling Operator:</b> CLIFFS DRILLING COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 170
<b>Public Info Code:</b> Y 04-JUN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6296 / 6293	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A490	<b>Date of Summary:</b> 23-MAY-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03117	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12766
<b>Well Name:</b> JA007	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12343
<b>API Well Number:</b> 427094056201	<b>Drilling Operator:</b> CONOCO INC	<b>Rkb Elevation:</b> 126
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 185
<b>Public Info Code:</b> Y 31-AUG-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 7703	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11300 /10876	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 497	<b>Date of Summary:</b> 03-JUN-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06231	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5804
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4392
<b>API Well Number:</b> 427094079900	<b>Drilling Operator:</b> KOCH INDUSTRIES INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 219
<b>Public Info Code:</b> Y 22-JUL-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4309 / 3235	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A497	<b>Date of Summary:</b> 13-JUL-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06231	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11284
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7427
<b>API Well Number:</b> 427094086300	<b>Drilling Operator:</b> KOCH INDUSTRIES INC	<b>Rkb Elevation:</b> 133
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 219
<b>Public Info Code:</b> Y 28-FEB-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3892 / 3382	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 497	<b>Date of Summary:</b> 30-APR-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06231	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8424
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4376
<b>API Well Number:</b> 427094086600	<b>Drilling Operator:</b> KOCH INDUSTRIES INC	<b>Rkb Elevation:</b> 132
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 219
<b>Public Info Code:</b> Y 25-MAR-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5380 / 3458	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A 497	<b>Date of Summary:</b> 30-APR-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06231	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11800
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8003
<b>API Well Number:</b> 427094086700	<b>Drilling Operator:</b> KOCH INDUSTRIES INC	<b>Rkb Elevation:</b> 132
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 219
<b>Public Info Code:</b> Y 21-MAY-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4466 / 3389	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10822 / 7377	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A497	Date of Summary: 20-JAN-1989	First Sample Examined: 0
Lease Number: G06231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 5497
API Well Number: 427094080900	Drilling Operator: KOCH INDUSTRIES INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 219
Public Info Code: Y 21-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1626 / 1626	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3184 / 3183	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A497	Date of Summary: 30-DEC-1986	First Sample Examined: 0
Lease Number: G07338	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7009
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 3328
API Well Number: 427094086201	Drilling Operator: KOCH INDUSTRIES INC	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 219
Public Info Code: Y 14-DEC-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
3096 / 1783	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6533 / 3118	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A497	<b>Date of Summary:</b> 19-JAN-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11389	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14639
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8503
<b>API Well Number:</b> 427094086701	<b>Drilling Operator:</b> EL PASO EXPLORATION & PRODUCTION MANAGEMENT	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 215
<b>Public Info Code:</b> Y 27-AUG-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4466 / 4348	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10822 / 9192	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A500  
Lease Number: G14190  
Well Name: 001  
API Well Number: 427094105700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 11-JUL-1999

Date of Summary: 11-DEC-1998  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: FORCENERGY INC  
Sample Range: 7740 - 11780  
Ecozone Eq MMS: Y

First Sample Examined: 7740  
Borehole MD: 11781  
Borehole TVD: 11773  
Rkb Elevation: 95  
Water Depth: 185  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7740 / 7739	DEF AT first sample examined	DEF AT
8280 / 8279	DEF IN Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
8339 / 8338	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
8340 / 8339	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8350 / 8349	DEF AT - - - - -	DEF IN 4
8519 / 8518	DEF AT foram flood	DEF AT 5
8520 / 8519	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8669 / 8667	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
8670 / 8668	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
8820 / 8818	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8970 / 8968	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
8999 / 8997	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9000 / 8998	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
9300 / 9297	DEF AT - - - - -	DEF AT 4
9330 / 9327	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
9540 / 9536	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
9870 / 9865	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
10140 /10135	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
10350 /10345	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10380 /10375	DEF AT - - - - -	DEF AT 4
10490 /10485	DEF AT - - - - -	DEF AT 5
10500 /10495	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A500  
Lease Number: G14190  
Well Name: 001  
API Well Number: 427094105700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 11-JUL-1999

Date of Summary: 11-DEC-1998  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: FORCENERGY INC  
Sample Range: 7740 - 11780  
Ecozone Eq MMS: Y

First Sample Examined: 7740  
Borehole MD: 11781  
Borehole TVD: 11773  
Rkb Elevation: 95  
Water Depth: 185  
Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 /10525	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
10890 /10884	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 5
10980 /10974	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11100 /11094	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
11490 /11483	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
11580 /11573	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 5
11700 /11692	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11780 /11772	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-1994

End Date: 31-DEC-1999

Area Block: HI A501	Date of Summary: 13-APR-1993	First Sample Examined: 0
Lease Number: G12580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6605
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6605
API Well Number: 427094096400	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 31-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4570 / 4570	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5080 / 5080	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
6130 / 6130	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A506	Date of Summary: 18-DEC-1990	First Sample Examined: 0
Lease Number: G11388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6245
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6245
API Well Number: 427094093600	Drilling Operator: FREEPORT MCMORAN RESOURCE PARTNERS LIMITEI	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 171
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4790 / 4790	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A515	Date of Summary: 28-DEC-1987	First Sample Examined: 0
Lease Number: G04189	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 1860
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 1860
API Well Number: 427094088800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 201
Public Info Code: Y 19-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1570 / 1570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A518	Date of Summary: 03-JAN-1997	First Sample Examined: 0
Lease Number: G11389	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8863
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 8742
API Well Number: 427094099701	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 27-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8214 / 8153	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A518	Date of Summary: 03-JAN-1997	First Sample Examined: 0
Lease Number: G11389	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9349
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 9098
API Well Number: 427094099900	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 27-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5719	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7710 / 7458	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A518	<b>Date of Summary:</b> 31-JAN-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11389	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10411
<b>Well Name:</b> C004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8676
<b>API Well Number:</b> 427094102100	<b>Drilling Operator:</b> EL PASO EXPLORATION & PRODUCTION MANAGEMENT	<b>Rkb Elevation:</b> 147
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 27-AUG-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9832 / 8226	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A520	Date of Summary: 17-JUL-1991	First Sample Examined: 3430
Lease Number: G12582	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8500
API Well Number: 427094094400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3430 - 8500	Water Depth: 238
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3430 / 3430	DEF AT first sample examined	DEF IN 3
4270 / 4270	DEF AT - - - - -	DEF AT 4
4390 / 4390	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5260 / 5260	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
5650 / 5649	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5770 / 5769	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6490 / 6489	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7780 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8350 /	DEF AT - - - - -	DEF AT 6
8500 /	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A524	<b>Date of Summary:</b> 20-OCT-1994	<b>First Sample Examined:</b> 4000
<b>Lease Number:</b> G11391	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11236
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 9223
<b>API Well Number:</b> 427094097900	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4000 - 11236	<b>Water Depth:</b> 220
<b>Public Info Code:</b> Y 18-JAN-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3986	DEF AT first sample examined	POS IN 4
4001 / 3987	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
4330 / 4295	DEF AT local marker foram decrease	POS AT 1
4690 / 4627	DEF AT faunal change (no faunal increase)	DEF AT 1
5230 / 5092	DEF AT local marker foram increase	DEF AT 2
5410 / 5239	DEF AT faunal change (no faunal increase)	DEF AT 3
5620 / 5396	DEF AT local marker foram decrease	DEF AT 2
5650 / 5417	DEF AT faunal change (no faunal increase)	DEF AT 1
6010 / 5672	POS AT unconformity	DEF IN 3
6100 / 5737	DEF AT faunal change (no faunal increase)	DEF AT 4
6310 / 5886	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7090 / 6439	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7390 / 6647	DEF AT faunal change (no faunal increase)	DEF AT 3
7480 / 6709	POS IN Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 3
8850 / 7653	DEF AT faunal change (no faunal increase)	DEF AT 4
8940 / 7715	DEF AT faunal change (no faunal increase)	DEF AT 3
9030 / 7776	DEF AT faunal change (no faunal increase)	DEF AT 4
9740 / 8242	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9800 / 8279	DEF AT faunal change (no faunal increase)	DEF AT 5
9830 / 8298	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10010 / 8413	DEF AT faunal change (no faunal increase)	DEF AT 4
11210 / 9206	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A539	<b>Date of Summary:</b> 06-JUL-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G14191	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6135
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4808
<b>API Well Number:</b> 427094097400	<b>Drilling Operator:</b> BRITISH-BORNEO USA INC	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 229
<b>Public Info Code:</b> Y 30-JAN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3385 / 3009	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A545	Date of Summary: 17-MAR-1975	First Sample Examined: 1000
Lease Number: G02704	Source of Paleo: OPERATOR	Borehole MD: 8880
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8880
API Well Number: 427094008500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8880	Water Depth: 243
Public Info Code: Y 08-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
2650 / 2650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4859 / 4859	DEF AT pyrite	DEF AT 4
4860 / 4860	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4950 / 4950	DEF AT local marker deep water fauna	DEF AT 5
5040 / 5040	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6300 / 6300	DEF AT local marker foram increase	DEF AT 5
6780 / 6779	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7080 / 7079	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8337 / 8336	POS AT gouge	DEF AT 5
8338 / 8337	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
8339 / 8338	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8340 / 8339	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8460 / 8459	DEF AT gouge	DEF AT 6
8640 / 8639	DEF AT anhydrite	DEF AT 6
8880 / 8879	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A551	Date of Summary: 25-JUL-1983	First Sample Examined: 6780
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 10752
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8628
API Well Number: 427094079400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 6780 - 7530	Water Depth: 261
Public Info Code: Y 05-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Sidetrack report, possibly well 4 sidetrack 2, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 5688	DEF AT first sample examined	POS AT 2
6781 / 5689	DEF AT cement	POS AT 2
7110 / 5929	DEF AT -----	DEF AT 2
7320 / 6075	DEF AT -----	DEF AT 3
7530 / 6222	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A551	Date of Summary: 25-JUL-1983	First Sample Examined: 6570
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 10752
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8628
API Well Number: 427094079400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 6570 - 9300	Water Depth: 261
Public Info Code: Y 05-JUL-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report, possibly well 4 sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 5532	DEF AT first sample examined	POS IN 3
6571 / 5533	DEF AT cement	POS IN 3
6780 / 5688	DEF AT -----	DEF IN 3
6840 / 5733	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
6870 / 5755	DEF AT cement	DEF IN 3
7410 / 6138	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF IN 3
7440 / 6159	DEF AT -----	DEF AT 5
7530 / 6222	DEF AT -----	DEF AT 3
8220 / 6703	DEF AT poor sample interval top	POS AT 3
9060 / 7313	DEF AT poor sample interval bottom	DEF AT 3
9300 / 7495	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A551	Date of Summary: 12-DEC-1983	First Sample Examined: 4330
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 9638
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8534
API Well Number: 427094078200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4330 - 6670	Water Depth: 261
Public Info Code: Y 10-JAN-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 4002	DEF AT first sample examined	POS AT 4
4331 / 4003	DEF AT cement	POS AT 4
4450 / 4105	DEF AT -----	DEF AT 4
5110 / 4675	DEF AT -----	DEF AT 3
5650 / 5121	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6490 / 5835	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
6640 / 5965	POS AT local marker deep water fauna	DEF AT 5
6670 / 5991	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A551	Date of Summary: 29-NOV-1983	First Sample Examined: 4830
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 9221
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8329
API Well Number: 427094078201	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 3	Sample Range: 4830 - 6480	Water Depth: 261
Public Info Code: Y 19-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4436	DEF AT first sample examined	DEF AT 4
5700 / 5162	DEF AT - - - - -	DEF AT 3
5820 / 5262	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6480 / 5826	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A551	<b>Date of Summary:</b> 12-DEC-1983	<b>First Sample Examined:</b> 4830
<b>Lease Number:</b> G03757	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9221
<b>Well Name:</b> B002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8329
<b>API Well Number:</b> 427094078201	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 4830 - 9630	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 19-JAN-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4436	DEF AT first sample examined	DEF AT 4
5700 / 5162	DEF AT -----	DEF AT 3
5820 / 5262	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6660 / 5983	DEF AT -----	DEF AT 6
6960 / 6250	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7290 / 6546	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 6
8250 / 7415	DEF AT -----	DEF AT 4
9630 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A551	Date of Summary: 05-JAN-1984	First Sample Examined: 6580
Lease Number: G03757	Source of Paleo: OPERATOR	Borehole MD: 9221
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8329
API Well Number: 427094078201	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 3 of 3	Sample Range: 6580 - 9210	Water Depth: 261
Public Info Code: Y 19-JAN-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6580 / 5913	DEF AT first sample examined	DEF AT 4
6820 / 6125	DEF AT -----	DEF AT 6
6940 / 6232	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7300 / 6555	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 6
7600 / 6826	DEF AT -----	DEF AT 4
8420 / 7570	DEF AT -----	DEF AT 3
9210 / 8318	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A551	Date of Summary: 16-FEB-1984	First Sample Examined: 3000
Lease Number: G03949	Source of Paleo: OPERATOR	Borehole MD: 8916
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8594
API Well Number: 427094078800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8916	Water Depth: 261
Public Info Code: Y 10-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2943	DEF AT first sample examined	DEF AT 1
3330 / 3257	DEF AT -----	DEF AT 2
3730 / 3639	DEF AT -----	DEF AT 1
5580 / 5411	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
6928 / 6721	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6929 / 6722	DEF IN Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
6930 / 6723	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
7170 / 6959	DEF AT -----	DEF AT 2
7770 / 7536	DEF AT -----	DEF AT 1
8916 / 8594	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A551	<b>Date of Summary:</b> 10-OCT-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03949	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10640
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8282
<b>API Well Number:</b> 427094079700	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 23-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5360 / 4732	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6020 / 5192	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9020 / 7205	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A553	Date of Summary: 10-JUN-1985	First Sample Examined: 1560
Lease Number: G06237	Source of Paleo: OPERATOR	Borehole MD: 14698
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14698
API Well Number: 427094082000	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 1560 - 8820	Water Depth: 263
Public Info Code: Y 08-JUL-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT first sample examined	POS IN 3
1561 / 1561	DEF IN cement	POS IN 3
1590 / 1590	DEF AT - - - - -	DEF IN 3
2010 / 2010	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5070 / 5070	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8820 / 8818	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A553	Date of Summary: 10-JUN-1985	First Sample Examined: 8300
Lease Number: G06237	Source of Paleo: OPERATOR	Borehole MD: 14698
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14698
API Well Number: 427094082000	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 8300 - 14670	Water Depth: 263
Public Info Code: Y 08-JUL-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 / 8299	DEF AT first sample examined	DEF AT 4
9420 / 9416	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9870 / 9864	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9930 / 9924	DEF AT - - - - -	DEF AT 5
10470 /10463	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12060 /12046	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12240 /12225	DEF AT - - - - -	DEF AT 6
13050 /13033	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13380 /13362	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
14160 /14141	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14670 /14650	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A557	Date of Summary: 21-JUL-1997	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8635
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7266
API Well Number: 427094091500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 02-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7440 / 6583	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7990 / 7002	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A557	Date of Summary: 18-DEC-1989	First Sample Examined: 0
Lease Number: G03484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9448
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7374
API Well Number: 427094091800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 23-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6779 / 5832	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7908 / 6494	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8422 / 6788	POS IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A557	Date of Summary: 05-JAN-1984	First Sample Examined: 4620
Lease Number: G06238	Source of Paleo: OPERATOR	Borehole MD: 11251
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7335
API Well Number: 427094077900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 2	Sample Range: 4620 - 8030	Water Depth: 228
Public Info Code: Y 01-FEB-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4620 / 3748	DEF AT first sample examined	DEF AT 3
5480 / 4183	DEF AT - - - - -	DEF AT 4
7370 / 5190	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8030 / 5503	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A557	Date of Summary: 05-JAN-1984	First Sample Examined: 7010
Lease Number: G06238	Source of Paleo: OPERATOR	Borehole MD: 11251
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7335
API Well Number: 427094077900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 7010 - 11210	Water Depth: 228
Public Info Code: Y 01-FEB-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 5010	DEF AT first sample examined	DEF AT 4
7400 / 5204	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7640 / 5313	DEF AT sample gap top	POS AT 4
8510 / 5763	DEF AT sample gap bottom	DEF AT 3
9980 / 6603	DEF AT - - - - -	DEF AT 5
10130 / 6690	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10730 / 7036	DEF AT local marker foram increase	DEF AT 5
11210 / 7303	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A557	<b>Date of Summary:</b> 25-OCT-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06238	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9804
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7298
<b>API Well Number:</b> 427094091200	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 29-AUG-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 / 6436	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9201 / 6867	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A571	<b>Date of Summary:</b> 13-NOV-1989	<b>First Sample Examined:</b> 6700
<b>Lease Number:</b> G02391	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7200
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 7200
<b>API Well Number:</b> 427094091400	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6700 - 7000	<b>Water Depth:</b> 268
<b>Public Info Code:</b> Y 05-OCT-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6700	DEF AT first sample examined	DEF AT 3
6701 / 6701	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6702 / 6702	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
7000 / 7000	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A571	Date of Summary: 28-AUG-1986	First Sample Examined: 0
Lease Number: G02391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16450
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 15863
API Well Number: 427094085200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 10-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 /10229	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13790 /13296	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
15530 /14970	DEF AT local marker deep water fauna	DEF AT 6
15620 /15057	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
16355 /15771	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A571	Date of Summary: 24-APR-1996	First Sample Examined: 0
Lease Number: G02392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16057
Well Name: C021	Paleo Done By: OPERATOR	Borehole TVD: 14002
API Well Number: 427094086100	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 21-FEB-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8280 / 7506	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
14780 /12976	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
15950 /13922	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<p><b>Area Block:</b> HI A572 <b>Lease Number:</b> G02392 <b>Well Name:</b> C018 <b>API Well Number:</b> 427094026601 <b>Paleo Report Num:</b> 1 of 1 <b>Public Info Code:</b> Y 06-DEC-1995</p>	<p><b>Date of Summary:</b> 23-JAN-1996 <b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY) <b>Paleo Done By:</b> OPERATOR <b>Drilling Operator:</b> MOBIL PRODUCING TEXAS &amp; NEW ME <b>Sample Range:</b> 0 - 0 <b>Ecozone Eq MMS:</b></p>	<p><b>First Sample Examined:</b> 0 <b>Borehole MD:</b> 14928 <b>Borehole TVD:</b> 14112 <b>Rkb Elevation:</b> 105 <b>Water Depth:</b> 295 <b>Paleo ID:</b> 001</p>
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**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7349	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
11070 /10421	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13400 /12589	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14870 /14010	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A572	Date of Summary: 22-JUL-1997	First Sample Examined: 0
Lease Number: G02392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16388
Well Name: C022	Paleo Done By: OPERATOR	Borehole TVD: 15552
API Well Number: 427094079800	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 02-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7740 / 7697	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9700 / 9510	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
10530 /10286	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11760 /11409	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
12700 /12272	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14520 /13952	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A587	<b>Date of Summary:</b> 10-DEC-1985	<b>First Sample Examined:</b> 3610
<b>Lease Number:</b> G07349	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14752
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13866
<b>API Well Number:</b> 427094083000	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 3610 - 4600	<b>Water Depth:</b> 466
<b>Public Info Code:</b> Y 05-DEC-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3610 / 3610	DEF AT first sample examined	DEF AT
3611 / 3611	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
4300 / 4300	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
4599 / 4599	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4600 / 4600	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A587	Date of Summary: 10-DEC-1985	First Sample Examined: 8920
Lease Number: G07349	Source of Paleo: OPERATOR	Borehole MD: 14752
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13866
API Well Number: 427094083000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 8920 - 12830	Water Depth: 466
Public Info Code: Y 05-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8920 / 8799	DEF AT first sample examined	DEF AT
10490 /10191	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12828 /12228	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
12829 /12229	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12830 /12230	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A587	Date of Summary: 10-DEC-1985	First Sample Examined: 14190
Lease Number: G07349	Source of Paleo: OPERATOR	Borehole MD: 14752
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13866
API Well Number: 427094083000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 14190 - 14460	Water Depth: 466
Public Info Code: Y 05-DEC-1995	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14190 /13372	DEF AT first sample examined	DEF AT
14191 /13373	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
14430 /13582	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
14459 /13607	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
14460 /13608	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A587	<b>Date of Summary:</b> 29-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07349	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13090
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12500
<b>API Well Number:</b> 427094089601	<b>Drilling Operator:</b> BP EXPLORATION & OIL INC	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 467
<b>Public Info Code:</b> Y 03-FEB-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12880 /12291	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
12910 /12321	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A589	Date of Summary: 01-OCT-1998	First Sample Examined: 5800
Lease Number: G17204	Source of Paleo: OPERATOR	Borehole MD: 10545
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 9859
API Well Number: 427094105600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5800 - 10530	Water Depth: 478
Public Info Code: Y 28-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Aruba Prospect, foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5800 / 5800	DEF AT first sample examined	DEF IN 3
5801 / 5801	DEF AT local marker benthic foram increase	DEF IN 3
5860 / 5860	DEF AT faunal change (no faunal increase)	DEF AT 3
6010 / 6009	DEF AT local marker foram increase	DEF AT 3
6610 / 6596	DEF AT faunal change (no faunal increase)	DEF IN 2
6970 / 6936	DEF AT faunal change (no faunal increase)	DEF AT 3
7150 / 7101	POS AT unconformity	DEF AT 4
7210 / 7155	DEF AT faunal change (no faunal increase)	DEF IN 3
7300 / 7234	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
7420 / 7339	DEF AT faunal change (no faunal increase)	DEF AT 4
7570 / 7467	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
7750 / 7615	DEF AT poor sample interval top	POS AT 4
7870 / 7712	DEF AT poor sample interval bottom	DEF AT 4
7930 / 7760	DEF AT limestone	DEF AT 4
8240 / 8004	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
8390 / 8121	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
8480 / 8192	DEF AT cement	POS AT 4
8600 / 8289	DEF AT faunal change (no faunal increase)	POS AT 3
8800 / 8453	DEF AT poor sample interval top	POS AT 3
9170 / 8759	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 3
9200 / 8784	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	POS AT 3
9399 / 8946	DEF AT pyrite	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A589	<b>Date of Summary:</b> 01-OCT-1998	<b>First Sample Examined:</b> 5800
<b>Lease Number:</b> G17204	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10545
<b>Well Name:</b> 001	<b>Paleo Done By:</b> APPLIED BIOSTRATIGRAPHIX	<b>Borehole TVD:</b> 9859
<b>API Well Number:</b> 427094105600	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 5800 - 10530	<b>Water Depth:</b> 478
<b>Public Info Code:</b> Y 28-JAN-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9400 / 8947	DEF AT limestone	POS AT 3
9430 / 8970	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 3
9459 / 8993	DEF AT poor sample interval bottom	POS IN 4
9460 / 8994	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	POS AT 5
9520 / 9042	DEF AT faunal change (no faunal increase)	POS AT 4
9610 / 9113	POS AT Upper Pliocene (Gelasian) Globorotalia exilis	POS AT 4
9670 / 9161	POS AT Upper Pliocene (Gelasian) Globorotalia pertenuis	POS AT 4
9700 / 9185	DEF AT limestone	POS AT 4
9730 / 9209	POS IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	POS AT 4
9960 / 9393	DEF AT faunal change (no faunal increase)	DEF AT 4
10080 / 9488	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10110 / 9512	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10170 / 9559	DEF AT local marker foram increase	DEF IN 5
10269 / 9637	POS AT reworked material	DEF IN 5
10270 / 9637	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
10330 / 9685	DEF AT faunal change (no faunal increase)	DEF AT 4
10390 / 9732	DEF AT faunal change (no faunal increase)	POS IN 5
10470 / 9796	DEF AT salt	POS IN 5
10530 / 9844	DEF AT last sample examined	POS IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A589	Date of Summary: 25-FEB-1999	First Sample Examined: 5800
Lease Number: G17204	Source of Paleo: OPERATOR	Borehole MD: 10545
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9859
API Well Number: 427094105600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 5800 - 10530	Water Depth: 478
Public Info Code: Y 28-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Aruba Prospect, company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5800 / 5800	DEF AT first sample examined	DEF IN 3
7570 / 7467	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
8750 / 8412	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 3
9170 / 8759	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9171 / 8760	POS AT reworked material	DEF AT 4
9430 / 8970	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
9460 / 8994	POS AT reworked material	POS AT 5
9461 / 8995	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
9520 / 9042	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
9880 / 9329	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
10020 / 9441	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
10080 / 9488	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10530 / 9844	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A589	Date of Summary: 01-NOV-1998	First Sample Examined: 8450
Lease Number: G17204	Source of Paleo: OPERATOR	Borehole MD: 10610
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 9893
API Well Number: 427094105601	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 8450 - 10589	Water Depth: 478
Public Info Code: Y 28-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Aruba Prospect, foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
8450 / 8168	DEF AT first sample examined	DEF AT 2
8451 / 8169	DEF AT cement	DEF AT 2
8690 / 8363	POS AT Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF IN 3
8750 / 8412	DEF AT faunal change (no faunal increase)	DEF IN 2
9140 / 8731	DEF AT Upper Pliocene (Gelasian) <i>Bolivina impercata</i> / "P"	POS IN 2
9320 / 8874	DEF AT faunal change (no faunal increase)	DEF IN 4
9349 / 8897	DEF AT limestone	DEF IN 4
9350 / 8897	POS AT Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF IN 4
9400 / 8937	POS AT Upper Pliocene (Piacenzian) <i>Ceratobulimina pacifica</i>	DEF IN 4
9720 / 9190	POS AT Upper Pliocene (Piacenzian) <i>Globorotalia multicamerata</i>	DEF AT 4
9750 / 9214	DEF AT Upper Pliocene (Piacenzian) <i>Saracenaria "H"</i>	DEF IN 4
10020 / 9429	DEF AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF IN 4
10110 / 9500	DEF AT Upper Pliocene (Piacenzian) <i>Cyclamina</i> sp.	DEF IN 4
10180 / 9555	DEF AT faunal change (no faunal increase)	DEF AT 4
10479 / 9790	POS AT reworked material	DEF AT 4
10480 / 9790	POS AT Upper Pliocene (Piacenzian) <i>Sphaeroidinellopsis seminulina</i>	DEF AT 4
10589 / 9877	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A589	Date of Summary: 25-FEB-1999	First Sample Examined: 8450
Lease Number: G17204	Source of Paleo: OPERATOR	Borehole MD: 10610
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9893
API Well Number: 427094105601	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 8450 - 10589	Water Depth: 478
Public Info Code: Y 28-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Aruba Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8450 / 8168	DEF AT first sample examined	DEF AT 4
8750 / 8412	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 3
9350 / 8897	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
10020 / 9429	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10120 / 9508	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
10589 / 9877	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: HI A589	Date of Summary: 01-NOV-1998	First Sample Examined: 10500
Lease Number: G17204	Source of Paleo: OPERATOR	Borehole MD: 10999
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10210
API Well Number: 427094105602	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 10500 - 11044	Water Depth: 478
Public Info Code: Y 28-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Aruba Prospect, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 / 9828	DEF AT first sample examined	POS AT 4
10530 / 9852	DEF AT sample gap top	POS AT 4
10559 / 9874	DEF AT sample gap bottom	POS AT 4
10560 / 9875	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	POS AT 4
10950 /10180	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11044 /	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A589	<b>Date of Summary:</b> 25-FEB-1999	<b>First Sample Examined:</b> 10500
<b>Lease Number:</b> G17204	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10999
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10210
<b>API Well Number:</b> 427094105602	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10500 - 11044	<b>Water Depth:</b> 478
<b>Public Info Code:</b> Y 28-JAN-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Aruba Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 / 9828	DEF AT first sample examined	DEF AT 4
10950 /10180	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10951 /10181	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
10960 /10188	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
11044 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A593	<b>Date of Summary:</b> 07-FEB-1991	<b>First Sample Examined:</b> 3000
<b>Lease Number:</b> G11397	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8770
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8000
<b>API Well Number:</b> 427094093800	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3000 - 8770	<b>Water Depth:</b> 407
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF IN 5
4860 / 4827	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
8770 / 8003	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> HI A596	<b>Date of Summary:</b> 20-FEB-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02722	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13774
<b>Well Name:</b> E001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13284
<b>API Well Number:</b> 427094084600	<b>Drilling Operator:</b> MOBIL PRODUCING TEXAS & NEW ME	<b>Rkb Elevation:</b> 137
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 350
<b>Public Info Code:</b> Y 06-JAN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11640 /11405	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: KC 255	Date of Summary: 25-SEP-1991	First Sample Examined: 7520
Lease Number: G11643	Source of Paleo: OPERATOR	Borehole MD: 21550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21550
API Well Number: 608084000100	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 7520 - 21550	Water Depth: 5834
Public Info Code: Y 29-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 / 7520	DEF AT first sample examined	DEF AT 4
7910 / 7910	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
9650 / 9650	DEF AT -----	DEF AT 4
9830 / 9830	DEF AT -----	DEF AT 5
10580 /10580	DEF AT -----	DEF IN 4
11150 /11150	DEF AT -----	DEF AT 5
11821 /11821	DEF AT sample gap top	POS AT 5
12769 /12769	DEF AT sample gap bottom	POS AT 5
12770 /12770	DEF AT poor sample interval top	POS AT 5
13189 /13189	DEF AT poor sample interval bottom	DEF IN 5
13190 /13190	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
13940 /13940	DEF AT -----	DEF AT 5
14720 /14720	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
15980 /15980	DEF AT -----	DEF IN 5
16040 /16040	DEF AT -----	DEF AT 5
18890 /18888	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
19070 /19068	DEF AT -----	DEF AT 6
19700 /19698	DEF AT -----	DEF IN 5
20420 /20417	DEF AT -----	DEF AT 5
20480 /20477	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
20870 /20867	DEF AT -----	DEF IN 5
21472 /21469	DEF AT -----	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: KC 255	Date of Summary: 25-SEP-1991	First Sample Examined: 7520
Lease Number: G11643	Source of Paleo: OPERATOR	Borehole MD: 21550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21550
API Well Number: 608084000100	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 7520 - 21550	Water Depth: 5834
Public Info Code: Y 29-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21550 /21547	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 20	Date of Summary: 22-MAY-1985	First Sample Examined: 3730
Lease Number: G04935	Source of Paleo: OPERATOR	Borehole MD: 9876
Well Name: A005	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9436
API Well Number: 608174023800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 3670 - 9880	Water Depth: 479
Public Info Code: Y 10-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3670 / 3506	DEF AT first sample examined	POS AT 5
3730 / 3558	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3731 / 3558	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
3910 / 3714	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
3940 / 3740	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4270 / 4029	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
4300 / 4055	DEF AT faunal change (no faunal increase)	DEF AT 4
4420 / 4161	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
4570 / 4293	DEF AT faunal change (no faunal increase)	DEF AT 5
6640 / 6215	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6850 / 6424	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
7030 / 6604	DEF AT faunal change (no faunal increase)	DEF AT 4
7300 / 6874	DEF AT faunal change (no faunal increase)	DEF AT 5
9250 / 8823	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9880 /	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 27	Date of Summary: 01-JAN-1989	First Sample Examined: 2620
Lease Number: G07923	Source of Paleo: OPERATOR	Borehole MD: 6700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6700
API Well Number: 608174034700	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2620 - 6700	Water Depth: 1400
Public Info Code: Y 18-DEC-1998	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>
2620 / 2620	DEF AT first sample examined	DEF AT 4
2621 / 2621	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
2680 / 2680	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2800 / 2800	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2890 / 2890	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3040 / 3040	DEF AT faunal change (no faunal increase)	POS AT 4
3340 / 3340	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	POS AT 4
3700 / 3700	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 4
3820 / 3820	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF IN 3
4150 / 4150	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
4480 / 4480	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	POS AT 4
4660 / 4660	DEF AT faunal change (no faunal increase)	DEF IN 3
4750 / 4750	DEF AT faunal change (no faunal increase)	POS AT 4
4810 / 4810	DEF AT faunal change (no faunal increase)	DEF IN 3
5080 / 5080	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF IN 3
5230 / 5230	DEF AT sample gap top	POS AT 3
5289 / 5289	DEF AT sample gap bottom	DEF IN 3
5290 / 5290	DEF AT faunal change (no faunal increase)	DEF IN 3
5470 / 5470	DEF AT faunal change (no faunal increase)	POS AT 4
5770 / 5770	DEF AT faunal change (no faunal increase)	DEF AT 3
5920 / 5920	DEF AT faunal change (no faunal increase)	DEF AT 4
6100 / 6100	DEF AT Pliocene Discoaster 1	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 27	Date of Summary: 01-JAN-1989	First Sample Examined: 2620
Lease Number: G07923	Source of Paleo: OPERATOR	Borehole MD: 6700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6700
API Well Number: 608174034700	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2620 - 6700	Water Depth: 1400
Public Info Code: Y 18-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6130 / 6130	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
6160 / 6160	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
6400 / 6400	DEF AT faunal change (no faunal increase)	POS AT 4
6580 / 6580	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	POS AT 4
6640 / 6640	DEF AT faunal change (no faunal increase)	DEF AT 4
6670 / 6670	DEF AT faunal change (no faunal increase)	POS AT 5
6700 / 6700	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 27	Date of Summary: 26-JAN-1989	First Sample Examined: 3800
Lease Number: G07923	Source of Paleo: OPERATOR	Borehole MD: 7442
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6580
API Well Number: 608174034701	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 3800 - 7700	Water Depth: 1403
Public Info Code: Y 24-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT first sample examined	DEF AT
3801 / 3801	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
4280 / 4267	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
4700 / 4660	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
7130 / 6375	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
7700 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 27	Date of Summary: 01-NOV-1989	First Sample Examined: 3800
Lease Number: G07923	Source of Paleo: OPERATOR	Borehole MD: 7442
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6580
API Well Number: 608174034701	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 3800 - 7700	Water Depth: 1403
Public Info Code: Y 24-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT first sample examined	DEF AT 3
3801 / 3801	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4070 / 4066	DEF AT faunal change (no faunal increase)	DEF IN 3
4280 / 4267	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
4370 / 4352	DEF AT faunal change (no faunal increase)	POS AT 3
4430 / 4409	DEF AT faunal change (no faunal increase)	DEF IN 3
4700 / 4660	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
5960 / 5613	DEF AT sample gap top	POS IN 3
6500 / 5966	DEF AT sample gap bottom	DEF AT 4
7130 / 6375	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	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-1994

End Date: 31-DEC-1999

Area Block: MC 28	Date of Summary: 26-JUL-1989	First Sample Examined: 3580
Lease Number: G09771	Source of Paleo: OPERATOR	Borehole MD: 10779
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10779
API Well Number: 608174035800	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3580 - 10780	Water Depth: 1830
Public Info Code: Y 13-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
3580 / 3580	DEF AT first sample examined	DEF AT 4
3581 / 3581	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3730 / 3730	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4360 / 4360	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
4900 / 4900	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
4960 / 4960	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
5140 / 5140	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
5980 / 5980	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 4
6310 / 6310	DEF AT faunal change (no faunal increase)	DEF AT 5
6340 / 6340	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
6490 / 6490	DEF AT faunal change (no faunal increase)	POS AT 5
6580 / 6580	DEF AT faunal change (no faunal increase)	DEF AT 5
6760 / 6760	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
6820 / 6820	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
8560 / 8560	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 4
8680 / 8680	DEF AT faunal change (no faunal increase)	DEF AT 5
9370 / 9370	DEF AT faunal change (no faunal increase)	DEF AT 4
9820 / 9820	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10780 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 28	Date of Summary: 11-DEC-1989	First Sample Examined: 3200
Lease Number: G09771	Source of Paleo: OPERATOR	Borehole MD: 11348
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10206
API Well Number: 608174036800	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3200 - 11300	Water Depth: 1494
Public Info Code: Y 27-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3200 /	DEF AT first sample examined	POS AT 3
3201 /	DEF IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	POS AT 3
3290 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
4190 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
4400 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
4610 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4730 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4820 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4940 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
4970 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
5060 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5930 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5990 /	DEF AT floral flood	DEF AT 4
6170 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 4
6350 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
6410 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
9620 /	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
10520 /	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 4
10580 /	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 4
10880 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 4
10939 /	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
10940 /	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 28	Date of Summary: 11-DEC-1989	First Sample Examined: 3200
Lease Number: G09771	Source of Paleo: OPERATOR	Borehole MD: 11348
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10206
API Well Number: 608174036800	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3200 - 11300	Water Depth: 1494
Public Info Code: Y 27-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11059 /	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
11060 /	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
11180 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
11210 /	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11300 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 65  
Lease Number: G12151  
Well Name: 001  
API Well Number: 608174045900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 04-NOV-1996

Date of Summary: 01-DEC-1993  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: UNION OIL COMPANY OF CALIFORNIA  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 13511  
Borehole TVD: 10891  
Rkb Elevation: 73  
Water Depth: 706  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 4090	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
4180 / 4180	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5440 / 5440	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8544 / 7979	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
9700 / 8689	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 65	Date of Summary: 04-SEP-1996	First Sample Examined: 0
Lease Number: G12151	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11872
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10576
API Well Number: 608174051100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 705
Public Info Code: Y 04-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9680 / 8917	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 79	Date of Summary: 01-AUG-1996	First Sample Examined: 5900
Lease Number: G09776	Source of Paleo: OPERATOR	Borehole MD: 15250
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 15236
API Well Number: 608174053900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 5900 - 15250	Water Depth: 3849
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5900 / 5900	DEF AT first sample examined	DEF AT
5959 / 5959	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies (acme)	DEF AT
5960 / 5960	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
6800 / 6800	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
6830 / 6830	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
6859 / 6859	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
6860 / 6860	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6950 / 6950	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
7310 / 7310	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
7369 / 7369	DEF AT Lower Pliocene (Zanclian) Ceratolithus armatus	DEF AT
7370 / 7370	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
7400 / 7400	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
7549 / 7549	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT
7550 / 7550	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
7670 / 7670	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
7730 / 7730	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
7789 / 7789	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus (increase)	DEF AT
7790 / 7790	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
7910 / 7910	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT
7970 / 7970	DEF AT Upper Miocene (Messinian) Reticulofenestra rotaria	DEF AT
8330 / 8330	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
8809 / 8809	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 79  
Lease Number: G09776  
Well Name: 001  
API Well Number: 608174053900  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-APR-1998

Date of Summary: 01-AUG-1996  
Source of Paleo: OPERATOR  
Paleo Done By: APPLIED BIOSTRATIGRAPHIX  
Drilling Operator: EXXON MOBIL CORPORATION  
Sample Range: 5900 - 15250  
Ecozone Eq MMS:

First Sample Examined: 5900  
Borehole MD: 15250  
Borehole TVD: 15236  
Rkb Elevation: 86  
Water Depth: 3849  
Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8810 / 8810	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT
8930 / 8930	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
9379 / 9379	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
9380 / 9380	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
10700 /10699	DEF AT Arenaceous fauna (local marker)	DEF AT
10728 /10727	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
10729 /10728	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
10730 /10729	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT
11000 /10999	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
11060 /11059	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
11478 /11477	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
11479 /11478	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
11480 /11479	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT
11510 /11509	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
11630 /11629	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
12050 /12049	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12380 /12379	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12410 /12409	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
12470 /12469	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT
12590 /12589	DEF AT Arenaceous fauna (local marker)	DEF AT
13160 /13159	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
13250 /13249	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
13310 /13309	DEF AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
13610 /13609	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 79  
 Lease Number: G09776  
 Well Name: 001  
 API Well Number: 608174053900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-APR-1998

Date of Summary: 01-AUG-1996  
 Source of Paleo: OPERATOR  
 Paleo Done By: APPLIED BIOSTRATIGRAPHIX  
 Drilling Operator: EXXON MOBIL CORPORATION  
 Sample Range: 5900 - 15250  
 Ecozone Eq MMS:

First Sample Examined: 5900  
 Borehole MD: 15250  
 Borehole TVD: 15236  
 Rkb Elevation: 86  
 Water Depth: 3849  
 Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13940 /13938	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
14000 /13998	DEF AT ash	DEF AT
14810 /14802	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
15050 /15039	DEF AT Arenaceous fauna (local marker)	DEF AT
15169 /15156	DEF AT foram flood	DEF AT
15170 /15157	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
15250 /15236	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 108	Date of Summary: 29-AUG-1989	First Sample Examined: 6020
Lease Number: G09777	Source of Paleo: OPERATOR	Borehole MD: 10750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10202
API Well Number: 608174035600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 5450 - 10760	Water Depth: 915
Public Info Code: Y 31-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Amberjack Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 5449	DEF AT first sample examined	POS AT 2
7400 / 7257	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
9020 / 8659	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
10430 / 9916	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10760 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 108	Date of Summary: 29-AUG-1989	First Sample Examined: 6020
Lease Number: G09777	Source of Paleo: OPERATOR	Borehole MD: 10750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10202
API Well Number: 608174035600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 5450 - 10760	Water Depth: 915
Public Info Code: Y 31-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Amberjack Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5450 / 5449	DEF AT first sample examined	POS AT 2
7400 / 7257	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
8990 / 8632	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
10760 /	DEF AT last sample examined	DEF AT 2

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 109	Date of Summary: 03-NOV-1989	First Sample Examined: 2170
Lease Number: G05825	Source of Paleo: OPERATOR	Borehole MD: 11082
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11082
API Well Number: 608174021100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2170 - 11080	Water Depth: 1104
Public Info Code: Y 19-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Amberjack Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2170 / 2170	DEF AT first sample examined	POS AT 4
2171 / 2171	DEF AT cement	POS AT 4
2470 / 2470	DEF AT - - - - -	DEF AT 4
2680 / 2680	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2950 / 2950	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 4
3610 / 3610	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
3820 / 3820	DEF AT - - - - -	DEF AT 5
3879 / 3879	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
3880 / 3880	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
3909 / 3909	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
3910 / 3910	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4210 / 4210	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
4270 / 4270	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 4
4449 / 4449	POS AT reworked material	DEF AT 4
4450 / 4450	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
4600 / 4600	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
5350 / 5349	DEF AT cement	POS AT 4
5440 / 5439	DEF AT - - - - -	DEF AT 3
5799 / 5798	DEF AT reworked material	DEF AT 3
5800 / 5799	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
6070 / 6069	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
6160 / 6159	DEF AT cement	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 109	Date of Summary: 03-NOV-1989	First Sample Examined: 2170
Lease Number: G05825	Source of Paleo: OPERATOR	Borehole MD: 11082
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11082
API Well Number: 608174021100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2170 - 11080	Water Depth: 1104
Public Info Code: Y 19-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 6279	DEF AT -----	DEF AT 3
6580 / 6579	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 3
7570 / 7568	DEF AT -----	DEF AT 4
7690 / 7688	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
8109 /	POS AT unconformity	DEF AT 4
8110 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
8590 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
8830 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
10060 /	DEF AT -----	DEF AT 5
10420 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11080 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 109	Date of Summary: 01-NOV-1988	First Sample Examined: 2500
Lease Number: G05825	Source of Paleo: OPERATOR	Borehole MD: 12480
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12474
API Well Number: 608174029300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 2500 - 12480	Water Depth: 1205
Public Info Code: Y 29-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Amberjack Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF AT 2
2590 / 2590	DEF AT faunal change (no faunal increase)	DEF AT 3
2710 / 2710	DEF AT faunal change (no faunal increase)	DEF AT 4
2860 / 2860	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3340 / 3340	DEF AT faunal change (no faunal increase)	DEF AT 3
3490 / 3490	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3790 / 3790	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
3820 / 3820	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
3850 / 3850	DEF AT faunal change (no faunal increase)	DEF AT 3
4000 / 4000	DEF AT faunal change (no faunal increase)	DEF AT 4
4480 / 4480	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4810 / 4810	DEF AT faunal change (no faunal increase)	DEF AT 3
5770 / 5770	DEF AT sample gap top	POS AT 3
5830 / 5830	DEF AT sample gap bottom	DEF AT 3
6460 / 6460	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
6850 / 6850	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7030 / 7030	DEF AT faunal change (no faunal increase)	DEF AT 3
8440 / 8440	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
8560 / 8560	DEF AT faunal change (no faunal increase)	DEF AT 4
9190 / 9190	DEF AT faunal change (no faunal increase)	DEF AT 3
9610 / 9610	DEF AT faunal change (no faunal increase)	DEF AT 4
12480 / 12480	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 109	Date of Summary: 03-NOV-1989	First Sample Examined: 2890
Lease Number: G05825	Source of Paleo: OPERATOR	Borehole MD: 12480
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12474
API Well Number: 608174029300	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 2710 - 12480	Water Depth: 1205
Public Info Code: Y 29-APR-1997	Ecozone Eq MMS:	Paleo ID: 003

Remark: Amberjack Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2890 / 2890	DEF AT first sample examined	DEF AT
2891 / 2891	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2892 / 2892	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
3759 / 3759	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3760 / 3760	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
3820 / 3820	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
4359 / 4359	POS AT reworked material	DEF AT
4360 / 4360	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
5230 / 5230	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6490 / 6490	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
7660 / 7660	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
8560 / 8560	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8830 / 8830	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10750 / 10750	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
10960 / 10960	DEF AT Upper Miocene (Tortonian) Discoaster challengerii (updip)	DEF AT
11200 / 11200	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
12190 / 12190	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
12480 / 12480	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 109	Date of Summary: 11-APR-1989	First Sample Examined: 2330
Lease Number: G05825	Source of Paleo: OPERATOR	Borehole MD: 7475
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7475
API Well Number: 608174035200	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2330 - 7475	Water Depth: 980
Public Info Code: Y 13-MAR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2330 / 2330	DEF AT first sample examined	DEF AT 3
2780 / 2780	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
2900 / 2900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3440 / 3440	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4070 / 4070	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
4100 / 4100	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
4160 / 4160	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
4190 / 4190	POS AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 4
4640 / 4640	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4820 / 4820	DEF AT faunal change (no faunal increase)	DEF AT 3
5090 / 5090	DEF AT faunal change (no faunal increase)	DEF AT 4
5150 / 5150	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
5240 / 5240	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
7475 / 7475	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 162	Date of Summary: 12-DEC-1994	First Sample Examined: 5518
Lease Number: G07926	Source of Paleo: OPERATOR	Borehole MD: 16480
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16480
API Well Number: 608174049800	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 5518 - 16480	Water Depth: 3425
Public Info Code: Y 30-DEC-1997	Ecozone Eq MMS: N	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5518 / 5518	DEF AT first sample examined	DEF AT
5580 / 5580	DEF AT - - - - -	DEF AT 6
5820 / 5820	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
6899 / 6899	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
6900 / 6900	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6960 / 6960	DEF AT - - - - -	DEF IN 6
7890 / 7888	DEF AT cement	POS IN 6
8220 / 8217	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
9870 / 9867	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11400 /11395	DEF AT - - - - -	DEF IN 5
12000 /11994	DEF IN Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 5
14160 /14153	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 5
14369 /14362	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 5
14370 /14363	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 5
15240 /15233	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 5
15300 /15293	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 5
15540 /15533	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
16409 /16402	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 5
16410 /16403	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
16470 /16463	DEF AT last sample examined	DEF IN 5

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 162	Date of Summary: 12-DEC-1994	First Sample Examined: 5518
Lease Number: G07926	Source of Paleo: OPERATOR	Borehole MD: 16480
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16480
API Well Number: 608174049800	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5518 - 16480	Water Depth: 3425
Public Info Code: Y 30-DEC-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5518 / 5518	DEF AT first sample examined	DEF AT
5519 / 5519	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
5820 / 5820	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7290 / 7289	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
8310 / 8307	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
8430 / 8427	DEF AT Upper Miocene (Messinian) Discoaster berggrenii (variety?)	DEF AT
9870 / 9867	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
10560 /10556	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
11550 /11545	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
12000 /11994	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
12030 /12024	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
12060 /12054	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
12930 /12924	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
13110 /13104	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
13710 /13704	POS AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
15090 /15083	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
15750 /15743	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (acme)	DEF AT
15990 /15983	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
16480 /16473	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 191	Date of Summary: 02-JAN-1994	First Sample Examined: 0
Lease Number: G10979	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17496
API Well Number: 608174046100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 524
Public Info Code: Y 30-JUN-1994	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>
10030 /10029	POS AT Upper Pliocene	DEF AT
10930 /10929	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11680 /11679	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
11710 /11709	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12760 /12758	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 211	Date of Summary: 11-MAR-1997	First Sample Examined: 10120
Lease Number: G10981	Source of Paleo: OPERATOR	Borehole MD: 17234
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14981
API Well Number: 608174056901	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10120 - 17234	Water Depth: 4270
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Mickey 2 Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
10120 / 9463	DEF AT first sample examined	DEF AT
10121 / 9464	DEF AT out-of-place section	DEF AT
10750 / 9955	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10990 /10150	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
11170 /10298	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
11650 /10696	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
13210 /11924	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
13690 /12262	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
14530 /12856	DEF IN Upper Miocene (Tortonian) Discoaster hamatus "A" (GOM local)	DEF AT
15130 /13306	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
15730 /13768	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
15880 /13886	DEF AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
16870 /14681	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
17234 /14981	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 211	Date of Summary: 03-NOV-1987	First Sample Examined: 17235
Lease Number: G10981	Source of Paleo: OPERATOR	Borehole MD: 18259
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15870
API Well Number: 608174056902	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 17235 - 18259	Water Depth: 4270
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17235 /14988	DEF AT first sample examined	DEF AT
17350 /15088	DEF AT Middle Miocene (Serravallian) Discoaster musicus	DEF AT
18259 /15870	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 243	Date of Summary: 11-SEP-1990	First Sample Examined: 5000
Lease Number: G07927	Source of Paleo: OPERATOR	Borehole MD: 12751
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 12745
API Well Number: 608174038200	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 4	Sample Range: 5000 - 12750	Water Depth: 2900
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT
5001 / 5001	POS IN Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
5030 / 5030	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5060 / 5060	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5090 / 5090	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5180 / 5180	DEF AT local marker floral decrease	DEF AT
5480 / 5480	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
5510 / 5510	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
5570 / 5570	DEF AT local marker floral decrease	DEF AT
6740 / 6740	POS AT local marker floral increase	DEF AT
6770 / 6770	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
7550 / 7550	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8210 / 8210	DEF AT local marker floral decrease	DEF AT
11630 /11628	DEF AT local marker floral increase	DEF AT
12170 /12166	DEF AT local marker floral decrease	DEF AT
12750 /12745	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 243	Date of Summary: 28-SEP-1990	First Sample Examined: 5000
Lease Number: G07927	Source of Paleo: OPERATOR	Borehole MD: 12751
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12745
API Well Number: 608174038200	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 2 of 4	Sample Range: 5000 - 12750	Water Depth: 2900
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT
5120 / 5120	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5330 / 5330	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5450 / 5450	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
9560 / 9560	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
10400 /10400	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11720 /11718	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
12750 /12745	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 243	Date of Summary: 01-NOV-1999	First Sample Examined: 5000
Lease Number: G07927	Source of Paleo: OPERATOR	Borehole MD: 12751
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12745
API Well Number: 608174038200	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 3 of 4	Sample Range: 5000 - 12740	Water Depth: 2900
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT
5450 / 5450	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
5750 / 5750	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7640 / 7640	POS AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
8780 / 8780	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
11060 /11059	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
11990 /11987	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
12740 /12735	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 243  
Lease Number: G07927  
Well Name: 001  
API Well Number: 608174038200  
Paleo Report Num: 4 of 4  
Public Info Code: Y 30-JUN-1995

Date of Summary: 08-NOV-1999  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: CONOCO INC  
Sample Range: 5000 - 12740  
Ecozone Eq MMS: Y

First Sample Examined: 5000  
Borehole MD: 12751  
Borehole TVD: 12745  
Rkb Elevation: 87  
Water Depth: 2900  
Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT 4
5240 / 5240	POS IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
5450 / 5450	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
8900 / 8900	DEF AT - - - - -	DEF AT 5
10340 /10340	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 5
11060 /11059	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
11570 /11568	DEF AT local marker deep water fauna	DEF AT 6
12080 /12077	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
12740 /12735	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 243	Date of Summary: 05-DEC-1994	First Sample Examined: 5109
Lease Number: G07927	Source of Paleo: OPERATOR	Borehole MD: 10200
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10199
API Well Number: 608174049900	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 5109 - 10200	Water Depth: 3270
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS: N	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5109 / 5109	DEF AT first sample examined	DEF AT
5110 / 5110	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5250 / 5250	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5280 / 5280	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5310 / 5310	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
5340 / 5340	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
5400 / 5400	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5430 / 5430	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
5490 / 5490	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
6000 / 6000	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7230 / 7230	DEF AT sample gap top	DEF AT
7350 / 7350	DEF AT sample gap bottom	DEF AT
8310 / 8310	DEF AT sample gap top	DEF AT
8460 / 8460	DEF AT sample gap bottom	DEF AT
8580 / 8580	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10200 / 10199	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 243	Date of Summary: 05-DEC-1994	First Sample Examined: 5109
Lease Number: G07927	Source of Paleo: OPERATOR	Borehole MD: 10200
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10199
API Well Number: 608174049900	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 5109 - 10200	Water Depth: 3270
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5109 / 5109	DEF AT first sample examined	POS AT 4
5110 / 5110	DEF IN cement	POS AT 4
5190 / 5190	DEF AT - - - - -	DEF IN 5
5249 / 5249	DEF AT sequence boundary	DEF IN 5
5250 / 5250	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
5340 / 5340	DEF AT sequence boundary	DEF IN 5
5399 / 5399	DEF AT condensed section	DEF IN 5
5400 / 5400	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
5580 / 5580	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
5640 / 5640	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
5970 / 5970	DEF AT sequence boundary	DEF IN 5
6390 / 6390	DEF AT - - - - -	DEF AT 4
7230 / 7230	DEF AT sample gap top	POS AT 4
7350 / 7350	DEF AT sample gap bottom	DEF AT 4
8340 / 8340	DEF AT sample gap top	POS AT 4
8460 / 8460	DEF AT sample gap bottom	DEF AT 4
9270 / 9269	DEF AT - - - - -	DEF AT 5
9570 / 9569	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10200 / 10199	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 267	Date of Summary: 03-MAR-1988	First Sample Examined: 1800
Lease Number: G03799	Source of Paleo: OPERATOR	Borehole MD: 7834
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7833
API Well Number: 608174031200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1800 - 7810	Water Depth: 705
Public Info Code: Y 28-NOV-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1800 / 1800	DEF AT first sample examined	DEF IN 2
2010 / 2010	DEF AT -----	DEF AT 3
3030 / 3030	DEF AT -----	DEF AT 4
3180 / 3180	DEF AT -----	DEF AT 5
3300 / 3300	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3570 / 3570	DEF AT sample gap top	POS AT 5
3810 / 3810	DEF AT sample gap bottom	DEF AT 4
4110 / 4110	DEF AT -----	DEF AT 3
4440 / 4440	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7180 / 7179	DEF AT -----	DEF AT 4
7420 / 7419	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7540 / 7539	DEF AT -----	DEF AT 5
7690 / 7689	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7780 / 7779	DEF AT anhydrite	POS AT 5
7781 / 7780	POS AT salt	POS AT 5
7810 / 7809	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 267	Date of Summary: 03-MAR-1988	First Sample Examined: 5650
Lease Number: G03799	Source of Paleo: OPERATOR	Borehole MD: 13998
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13532
API Well Number: 608174031201	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 4	Sample Range: 5650 - 12625	Water Depth: 705
Public Info Code: Y 25-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5647	DEF AT first sample examined	DEF IN 3
7571 / 7564	DEF AT -----	POS AT 5
7750 / 7743	DEF AT -----	DEF AT 4
8200 / 8193	DEF AT -----	DEF AT 5
8230 / 8223	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8380 / 8372	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12625 /12322	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 267	Date of Summary: 03-MAR-1988	First Sample Examined: 12165
Lease Number: G03799	Source of Paleo: OPERATOR	Borehole MD: 13998
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13532
API Well Number: 608174031201	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 2 of 4	Sample Range: 12165 - 12670	Water Depth: 705
Public Info Code: Y 25-MAR-1998	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>
12165 /11906	DEF AT first sample examined	DEF AT 5
12670 /12363	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 267	Date of Summary: 03-MAR-1988	First Sample Examined: 12130
Lease Number: G03799	Source of Paleo: OPERATOR	Borehole MD: 13998
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13532
API Well Number: 608174031201	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 3 of 4	Sample Range: 12130 - 12550	Water Depth: 705
Public Info Code: Y 25-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12130 /11874	DEF AT first sample examined	DEF AT 5
12550 /12255	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
12670 /12363	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 267	Date of Summary: 03-MAR-1988	First Sample Examined: 12201
Lease Number: G03799	Source of Paleo: OPERATOR	Borehole MD: 13998
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13532
API Well Number: 608174031201	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 4 of 4	Sample Range: 12201 - 13990	Water Depth: 705
Public Info Code: Y 25-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 4 report, 12730=Siphogenerina lamellata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12201 /11940	DEF AT first sample examined	DEF AT 5
12580 /12282	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
12730 /12416	DEF AT local marker benthic foram increase	DEF AT 5
12850 /12523	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13990 /13525	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 291	Date of Summary: 27-OCT-1997	First Sample Examined: 6010
Lease Number: G08805	Source of Paleo: OPERATOR	Borehole MD: 19470
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19428
API Well Number: 608174057600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 6010 - 19450	Water Depth: 3634
Public Info Code: Y 01-MAY-1998	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, from 6010 to 9310, an erratic Miocene section moved in on top of younger Pliocene beds

MD / TVD	Paleo Top Description	Ecozone
6010 / 6008	DEF AT first sample examined	DEF AT
6011 / 6009	DEF IN Upper Miocene (Tortonian) <i>Catinaster coalitus</i>	DEF AT
6070 / 6068	DEF AT Upper Miocene (Tortonian) <i>Coccolithus miopelagicus</i>	DEF AT
6490 / 6488	DEF IN Upper Miocene (Tortonian) <i>Discoaster deflandrei</i>	DEF AT
6850 / 6848	DEF AT Middle Miocene (Serravallian) <i>Discoaster sanmiguelensis</i>	DEF AT
7690 / 7688	DEF AT Middle Miocene (Langhian) <i>Helicosphaera ampliaperta</i>	DEF AT
7780 / 7778	DEF AT Middle Miocene (Serravallian) <i>Cyclicargolithus floridanus</i>	DEF AT
8800 / 8798	DEF AT Middle Miocene (Serravallian) <i>Sphenolithus heteromorphus</i>	DEF AT
9310 / 9308	DEF AT Lower Pliocene (Zanclian) <i>Sphenolithus abies</i> "B"	DEF AT
10390 /10388	DEF AT Lower Pliocene (Zanclian) <i>Ceratolithus acutus</i>	DEF AT
10500 /10498	DEF AT Lower Pliocene (Zanclian) <i>Discoaster surculus</i> (acme)	DEF AT
10960 /10958	DEF AT Upper Miocene (Messinian) <i>Discoaster quinquerus</i>	DEF AT
12460 /12458	DEF AT Upper Miocene (Tortonian) <i>Discoaster berggrenii</i> "C"	DEF AT
12640 /12638	DEF AT local marker floral decrease	DEF AT
13000 /12998	POS AT Upper Miocene (Tortonian) <i>Catinaster mexicanus</i>	DEF AT
13060 /13058	DEF AT local marker floral decrease	DEF AT
13720 /13718	DEF AT Upper Miocene (Tortonian) <i>Catinaster mexicanus</i>	DEF AT
13900 /13898	DEF AT local marker floral decrease	DEF AT
14500 /14498	DEF AT Upper Miocene (Tortonian) <i>Discoaster loeblichii</i>	DEF AT
14860 /14858	DEF AT local marker floral decrease	DEF AT
15400 /15397	DEF IN Upper Miocene (Tortonian) <i>Discoaster loeblichii</i>	DEF AT
15700 /15697	DEF AT Upper Miocene (Tortonian) <i>Discoaster bollii</i>	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 291	Date of Summary: 27-OCT-1997	First Sample Examined: 6010
Lease Number: G08805	Source of Paleo: OPERATOR	Borehole MD: 19470
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19428
API Well Number: 608174057600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 6010 - 19450	Water Depth: 3634
Public Info Code: Y 01-MAY-1998	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16120 /16117	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
16420 /16417	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT
16540 /16537	DEF AT local marker floral decrease	DEF AT
17110 /17107	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
17950 /17946	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
18190 /18184	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
18520 /18508	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
18880 /18858	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus (increase)	DEF AT
19060 /19033	DEF AT local marker floral decrease	DEF AT
19450 /19409	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 291	Date of Summary: 29-OCT-1997	First Sample Examined: 6010
Lease Number: G08805	Source of Paleo: OPERATOR	Borehole MD: 19470
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19428
API Well Number: 608174057600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 6010 - 19500	Water Depth: 3634
Public Info Code: Y 01-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: From 6010 to 9310, an erratic Miocene section moved in on top of younger Pliocene beds

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 / 6008	DEF AT first sample examined	DEF AT 4
6011 / 6009	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
6190 / 6188	DEF AT local marker benthic foram increase	DEF AT 4
6310 / 6308	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
6340 / 6338	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
6850 / 6848	DEF AT local marker foram increase	DEF AT 4
7300 / 7298	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 4
7480 / 7478	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
7990 / 7988	DEF AT faunal change (no faunal increase)	POS IN 3
8230 / 8228	DEF AT faunal change (no faunal increase)	POS AT 4
8320 / 8318	DEF AT faunal change (no faunal increase)	DEF IN 3
8560 / 8558	DEF AT local marker foram increase	DEF IN 3
8830 / 8828	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	POS AT 4
9100 / 9098	DEF AT local marker foram increase	DEF AT 4
9310 / 9308	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9370 / 9368	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
9580 / 9578	DEF AT limestone	DEF AT 4
9970 / 9968	DEF AT faunal change (no faunal increase)	DEF IN 3
10090 / 10088	DEF AT local marker foram increase	DEF AT 4
10120 / 10118	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
10330 / 10328	DEF AT local marker foram increase	DEF AT 4
10420 / 10418	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 291	Date of Summary: 29-OCT-1997	First Sample Examined: 6010
Lease Number: G08805	Source of Paleo: OPERATOR	Borehole MD: 19470
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19428
API Well Number: 608174057600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 6010 - 19500	Water Depth: 3634
Public Info Code: Y 01-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 /10498	DEF AT faunal change (no faunal increase)	DEF AT 4
10780 /10778	DEF AT local marker foram increase	DEF AT 4
10810 /10808	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
10930 /10928	DEF AT faunal change (no faunal increase)	DEF AT 4
11110 /11108	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11440 /11438	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
11710 /11708	DEF AT faunal change (no faunal increase)	DEF IN 3
11800 /11798	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11830 /11828	DEF AT faunal change (no faunal increase)	DEF AT 4
11860 /11858	DEF AT faunal change (no faunal increase)	DEF IN 3
12040 /12038	DEF AT local marker foram increase	POS IN 3
12070 /12068	DEF AT faunal change (no faunal increase)	POS AT 4
12340 /12338	DEF AT faunal change (no faunal increase)	DEF IN 3
12460 /12458	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12700 /12698	DEF AT faunal change (no faunal increase)	DEF IN 3
12940 /12938	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13000 /12998	DEF AT local marker foram increase	DEF IN 3
13030 /13028	DEF AT faunal change (no faunal increase)	POS AT 4
13150 /13148	DEF AT faunal change (no faunal increase)	DEF IN 3
13780 /13778	DEF AT local marker foram increase	DEF IN 3
14320 /14318	DEF AT Bathysiphon fauna	POS AT 4
14530 /14528	DEF AT faunal change (no faunal increase)	DEF IN 3
14560 /14558	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14620 /14618	DEF AT reworked material	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 291	Date of Summary: 29-OCT-1997	First Sample Examined: 6010
Lease Number: G08805	Source of Paleo: OPERATOR	Borehole MD: 19470
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19428
API Well Number: 608174057600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 6010 - 19500	Water Depth: 3634
Public Info Code: Y 01-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14710 /14708	DEF AT faunal change (no faunal increase)	POS AT 4
14830 /14828	DEF AT faunal change (no faunal increase)	DEF IN 3
15010 /15008	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 3
15100 /15098	DEF AT faunal change (no faunal increase)	DEF AT 3
15130 /15128	DEF AT local marker foram increase	DEF AT 3
15160 /15158	DEF AT faunal change (no faunal increase)	DEF IN 3
15400 /15397	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
15580 /15577	DEF AT local marker foram increase	DEF IN 3
15670 /15667	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 3
15820 /15817	DEF AT faunal change (no faunal increase)	DEF AT 3
15910 /15907	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
16030 /16027	DEF AT faunal change (no faunal increase)	DEF IN 3
16090 /16087	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
16120 /16117	DEF AT faunal change (no faunal increase)	DEF IN 3
16270 /16267	DEF AT Arenaceous fauna (local marker)	DEF IN 3
16450 /16447	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
16510 /16507	DEF AT faunal change (no faunal increase)	DEF IN 3
16630 /16627	DEF AT faunal change (no faunal increase)	DEF AT 3
16660 /16657	DEF AT faunal change (no faunal increase)	DEF IN 3
16780 /16777	DEF AT faunal change (no faunal increase)	DEF AT 3
16900 /16897	DEF AT faunal change (no faunal increase)	DEF IN 3
16960 /16957	DEF AT faunal change (no faunal increase)	DEF AT 3
17140 /17137	DEF AT faunal change (no faunal increase)	DEF IN 3
17200 /17197	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 291  
 Lease Number: G08805  
 Well Name: 001  
 API Well Number: 608174057600  
 Paleo Report Num: 2 of 2  
 Public Info Code: Y 01-MAY-1998

Date of Summary: 29-OCT-1997  
 Source of Paleo: OPERATOR  
 Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
 Drilling Operator: TEXACO EXPLORATION AND PROD  
 Sample Range: 6010 - 19500  
 Ecozone Eq MMS: Y

First Sample Examined: 6010  
 Borehole MD: 19470  
 Borehole TVD: 19428  
 Rkb Elevation: 75  
 Water Depth: 3634  
 Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17230 /17227	DEF AT faunal change (no faunal increase)	DEF IN 3
17260 /17257	DEF AT local marker foram increase	DEF AT 4
17530 /17527	DEF AT faunal change (no faunal increase)	DEF IN 3
17680 /17676	DEF AT Arenaceous fauna (local marker)	DEF IN 3
17710 /17706	DEF AT local marker foram increase	DEF AT 4
17800 /17796	DEF AT faunal change (no faunal increase)	DEF IN 3
17860 /17856	DEF AT local marker foram increase	DEF AT 4
17920 /17916	DEF AT local marker foram increase	DEF AT 4
18040 /18035	DEF AT faunal change (no faunal increase)	DEF IN 3
18130 /18125	DEF AT Arenaceous fauna (local marker)	DEF IN 3
18310 /18302	DEF AT faunal change (no faunal increase)	DEF AT 3
18490 /18479	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
18640 /18625	DEF AT faunal change (no faunal increase)	DEF AT 3
18700 /18683	DEF AT faunal change (no faunal increase)	DEF IN 3
18730 /18713	DEF AT local marker foram increase	DEF AT 4
18940 /18917	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
19120 /19091	DEF AT faunal change (no faunal increase)	DEF IN 3
19500 /	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 300	Date of Summary: 12-JAN-1997	First Sample Examined: 8030
Lease Number: G08807	Source of Paleo: OPERATOR	Borehole MD: 13459
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13458
API Well Number: 608174057200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 8030 - 13459	Water Depth: 5844
Public Info Code: Y 05-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** South Mickey Prospect, company-integrated foram and nanno report, based on benthic foraminiferal studies the entire section was deposited in middle bathyal to abyssal paleoenvironments, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8030 / 8030	DEF AT first sample examined	DEF AT 5
8031 / 8031	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
8329 / 8329	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
8330 / 8330	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8389 / 8389	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
8390 / 8390	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8570 / 8570	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT 5
8690 / 8690	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 5
9109 / 9109	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
9110 / 9110	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
9920 / 9920	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
11390 /11390	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
12259 /12259	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
12260 /12260	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT 5
12439 /12439	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
12440 /12440	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
12860 /12860	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
13459 /13458	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 321	Date of Summary: 01-OCT-1989	First Sample Examined: 1710
Lease Number: G06946	Source of Paleo: OPERATOR	Borehole MD: 8050
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8050
API Well Number: 608174032300	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1710 - 8040	Water Depth: 570
Public Info Code: Y 25-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1710 / 1710	DEF AT first sample examined	DEF AT 3
2820 / 2820	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5250 / 5250	DEF AT faunal change (no faunal increase)	DEF AT 5
6240 / 6240	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7500 / 7500	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7650 / 7650	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8040 / 8040	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 321	Date of Summary: 01-OCT-1989	First Sample Examined: 1723
Lease Number: G06946	Source of Paleo: OPERATOR	Borehole MD: 16083
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16073
API Well Number: 608174033800	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1723 - 12534	Water Depth: 564
Public Info Code: Y 13-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1723 / 1723	DEF AT first sample examined	DEF AT 3
1845 / 1845	DEF AT -----	DEF AT 4
2730 / 2730	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3930 / 3929	DEF AT -----	DEF AT 5
6240 / 6239	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7500 / 7499	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7650 / 7649	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7770 / 7769	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12534 / 12533	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 321	Date of Summary: 01-OCT-1989	First Sample Examined: 13376
Lease Number: G06946	Source of Paleo: OPERATOR	Borehole MD: 16083
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16073
API Well Number: 608174033800	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 13376 - 16083	Water Depth: 564
Public Info Code: Y 13-JAN-1999	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13376 /13374	DEF AT first sample examined	DEF AT
13980 /13978	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
15660 /15653	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
16083 /16076	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 322	Date of Summary: 07-DEC-1989	First Sample Examined: 1800
Lease Number: G05835	Source of Paleo: OPERATOR	Borehole MD: 14970
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13512
API Well Number: 608174021500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1800 - 14940	Water Depth: 677
Public Info Code: Y 12-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 / 1800	DEF AT first sample examined	DEF AT 2
3030 / 3030	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4260 / 4260	DEF AT faunal change (no faunal increase)	DEF AT 3
4920 / 4920	DEF AT faunal change (no faunal increase)	DEF AT 4
5430 / 5430	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
5610 / 5610	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6569 / 6546	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
6570 / 6547	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7110 / 7044	DEF AT faunal change (no faunal increase)	DEF AT 3
8730 / 8447	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9060 / 8704	DEF AT faunal change (no faunal increase)	DEF AT 4
9780 / 9269	DEF AT faunal change (no faunal increase)	DEF AT 3
10260 / 9648	DEF AT faunal change (no faunal increase)	DEF AT 4
10530 / 9863	DEF AT faunal change (no faunal increase)	DEF AT 4
11100 /10321	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11370 /10538	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12030 /11055	DEF AT faunal change (no faunal increase)	DEF AT 3
12750 /11638	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13530 /12291	DEF AT faunal change (no faunal increase)	DEF AT 4
13560 /12317	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
14970 /13492	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 357	Date of Summary: 02-JAN-1992	First Sample Examined: 5950
Lease Number: G10989	Source of Paleo: OPERATOR	Borehole MD: 8658
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8049
API Well Number: 608174041401	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5950 - 8652	Water Depth: 400
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5950 / 5859	DEF AT first sample examined	DEF AT 5
5951 / 5860	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6340 / 6181	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6400 / 6230	DEF AT local marker foram decrease	DEF AT 5
6730 / 6493	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7210 / 6878	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
7240 / 6902	DEF AT pyrite	DEF AT 5
7690 / 7260	DEF AT glauconite	DEF AT 5
7780 / 7333	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7840 / 7381	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
7930 / 7454	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8050 / 7552	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8380 / 7822	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
8652 / 8044	DEF AT last sample examined	DEF AT 5

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 365	Date of Summary: 29-SEP-1989	First Sample Examined: 2680
Lease Number: G05841	Source of Paleo: OPERATOR	Borehole MD: 10268
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10268
API Well Number: 608174036300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 2680 - 10268	Water Depth: 600
Public Info Code: Y 12-SEP-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2680 / 2680	DEF AT first sample examined	DEF AT
2681 / 2681	DEF AT cement	DEF AT
3040 / 3040	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3400 / 3400	DEF AT poor sample interval top	DEF AT 4
4599 / 4599	DEF AT poor sample interval bottom	DEF AT 4
4600 / 4600	DEF AT - - - - -	DEF AT 2
5200 / 5200	DEF AT local marker foram increase	DEF AT 4
5500 / 5500	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6700 / 6700	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
6730 / 6730	DEF AT - - - - -	DEF AT 3
6760 / 6760	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
6910 / 6910	DEF AT - - - - -	DEF AT 4
7000 / 7000	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7060 / 7060	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 4
7118 / 7118	DEF AT glauconite	DEF AT 4
7119 / 7119	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
7120 / 7120	POS IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7540 / 7540	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7800 / 7799	DEF AT - - - - -	DEF AT 3
8010 / 8009	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
8640 / 8638	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
8850 / 8848	DEF AT - - - - -	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 365	<b>Date of Summary:</b> 29-SEP-1989	<b>First Sample Examined:</b> 2680
<b>Lease Number:</b> G05841	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10268
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10268
<b>API Well Number:</b> 608174036300	<b>Drilling Operator:</b> MCMORAN OIL & GAS CO	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2680 - 10268	<b>Water Depth:</b> 600
<b>Public Info Code:</b> Y 12-SEP-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8998	DEF AT -----	DEF AT 4
9540 / 9537	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10140 /10135	DEF AT Bathysiphon fauna	DEF AT 4
10268 /10263	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 365	Date of Summary: 29-SEP-1989	First Sample Examined: 6520
Lease Number: G05841	Source of Paleo: OPERATOR	Borehole MD: 10268
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10268
API Well Number: 608174036300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 2680 - 10268	Water Depth: 600
Public Info Code: Y 12-SEP-1999	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 6520	DEF AT first sample examined	DEF AT
6700 / 6700	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6760 / 6760	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7060 / 7060	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7120 / 7120	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8640 / 8638	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10268 / 10263	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 365	Date of Summary: 19-DEC-1989	First Sample Examined: 2700
Lease Number: G05841	Source of Paleo: OPERATOR	Borehole MD: 6240
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6122
API Well Number: 608174036700	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2700 - 6240	Water Depth: 654
Public Info Code: Y 29-NOV-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2700	DEF AT first sample examined	POS AT 3
2701 / 2701	DEF AT cement	POS AT 3
2790 / 2790	DEF IN Upper Pleistocene	DEF AT 3
4650 / 4613	DEF AT -----	DEF AT 4
5340 / 5271	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5602 / 5520	DEF AT -----	DEF AT 3
5830 / 5736	DEF AT -----	DEF AT 4
5979 / 5876	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
5980 / 5877	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5981 / 5878	DEF AT pyrite	DEF AT 4
5982 / 5879	DEF AT glauconite	DEF AT 4
6130 / 6019	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6210 / 6094	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 365	Date of Summary: 01-OCT-1989	First Sample Examined: 1700
Lease Number: G06946	Source of Paleo: OPERATOR	Borehole MD: 13510
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11097
API Well Number: 608174023400	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1700 - 11573	Water Depth: 637
Public Info Code: Y 14-JUN-1995	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>
1700 / 1700	DEF AT first sample examined	DEF AT 3
2820 / 2820	DEF AT -----	DEF AT 4
3720 / 3720	DEF AT -----	DEF AT 5
5490 / 5398	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6330 / 6095	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
6450 / 6182	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8220 / 7431	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11160 / 9486	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11573 / 9781	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 365	Date of Summary: 01-OCT-1989	First Sample Examined: 6450
Lease Number: G06946	Source of Paleo: OPERATOR	Borehole MD: 13510
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11097
API Well Number: 608174023400	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 6450 - 13500	Water Depth: 637
Public Info Code: Y 14-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6182	DEF AT first sample examined	DEF AT 5
10440 / 8987	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13500 / 11095	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 365	Date of Summary: 08-DEC-1989	First Sample Examined: 2730
Lease Number: G06946	Source of Paleo: OPERATOR	Borehole MD: 11920
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9760
API Well Number: 608174037000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2730 - 11890	Water Depth: 618
Public Info Code: Y 26-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2730 / 2704	DEF AT first sample examined	DEF AT 4
4890 / 4436	DEF AT faunal change (no faunal increase)	DEF AT 3
5160 / 4630	DEF AT faunal change (no faunal increase)	DEF AT 4
6329 / 5457	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6330 / 5458	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8008 / 6677	DEF AT pyrite	DEF AT 4
8009 / 6677	DEF AT glauconite	DEF AT 4
8010 / 6678	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8248 / 6855	DEF AT pyrite	DEF AT 4
8249 / 6856	DEF AT glauconite	DEF AT 4
8250 / 6857	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8309 / 6901	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8310 / 6902	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
8520 / 7061	DEF AT sample gap top	DEF AT 4
9300 / 7658	DEF AT sample gap bottom	DEF AT 3
9750 / 8009	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
11890 / 9735	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 383	Date of Summary: 26-MAR-1999	First Sample Examined: 7505
Lease Number: G07937	Source of Paleo: OPERATOR	Borehole MD: 12944
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12944
API Well Number: 608174030400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 7505 - 12944	Water Depth: 5759
Public Info Code: Y 30-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7505 /	DEF AT first sample examined	DEF AT 5
8040 /	DEF IN Lower Pliocene (Zanclian) Discoaster challengeri	DEF AT 5
8280 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8820 /	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
9300 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii (variety?)	DEF AT 5
9600 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
10500 /	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
11610 /	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
12944 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 397	Date of Summary: 28-AUG-1989	First Sample Examined: 2700
Lease Number: G04939	Source of Paleo: OPERATOR	Borehole MD: 13253
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13250
API Well Number: 608174020800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2700 - 13250	Water Depth: 1389
Public Info Code: Y 08-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2700 / 2700	DEF AT first sample examined	DEF AT 4
2760 / 2760	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3540 / 3540	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5250 / 5250	DEF AT -----	DEF AT 5
5310 / 5310	DEF AT -----	DEF AT 6
6060 / 6060	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 6
6720 / 6720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 6
7980 / 7980	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 6
8040 / 8040	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
8100 / 8100	DEF AT -----	DEF AT 5
8220 / 8220	DEF AT -----	DEF AT 4
8460 / 8460	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9300 / 9300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11970 /11970	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12210 /12210	DEF AT -----	DEF AT 5
12420 /12420	DEF AT -----	DEF AT 6
13250 /13250	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 400	Date of Summary: 08-AUG-1985	First Sample Examined: 5330
Lease Number: G05844	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15952
API Well Number: 608174022600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5330 - 15970	Water Depth: 1015
Public Info Code: Y 03-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5330 / 5328	DEF AT first sample examined	DEF AT
5630 / 5628	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6550 / 6547	DEF AT -----	DEF AT 2
8920 / 8916	DEF AT -----	DEF AT 1
9070 / 9066	DEF AT -----	DEF AT 2
10480 /10471	DEF AT anhydrite	DEF AT
12580 /12566	DEF AT salt	DEF AT
14310 /14288	DEF AT -----	DEF AT 4
14430 /14406	POS AT Upper (Late) Miocene	DEF AT 5
15480 /15439	DEF AT -----	DEF AT 4
15970 /15923	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 18-SEP-1989	First Sample Examined: 4500
Lease Number: G05844	Source of Paleo: OPERATOR	Borehole MD: 9847
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9000
API Well Number: 608174036102	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4500 - 9847	Water Depth: 1372
Public Info Code: Y 05-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	POS AT 3
4501 / 4501	DEF IN cement	POS AT 3
4920 / 4909	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
5159 / 5126	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5160 / 5126	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
5730 / 5580	POS AT anhydrite	DEF AT 3
6420 / 6131	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7230 / 6774	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
7380 / 6894	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
7470 / 6966	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
7590 / 7062	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9847 / 9003	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 401	<b>Date of Summary:</b> 18-SEP-1989	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G05844	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9847
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9000
<b>API Well Number:</b> 608174036102	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4500 - 9847	<b>Water Depth:</b> 1372
<b>Public Info Code:</b> Y 05-JUN-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT
4680 / 4679	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5130 / 5100	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5220 / 5177	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
5310 / 5250	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6480 / 6178	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7470 / 6966	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9820 / 8977	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9847 / 9003	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 24-SEP-1993	First Sample Examined: 0
Lease Number: G05845	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5476
API Well Number: 608174032901	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1367
Public Info Code: Y 24-DEC-1999	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>
3480 / 3439	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
3840 / 3738	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
4770 / 4406	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
4860 / 4469	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5790 / 5075	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
5970 / 5181	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 01-DEC-1988	First Sample Examined: 3050
Lease Number: G05845	Source of Paleo: OPERATOR	Borehole MD: 10297
Well Name: 002	Paleo Done By: EVEREST GEOTECH COMPANY	Borehole TVD: 10289
API Well Number: 608174034600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 3050 - 10290	Water Depth: 1700
Public Info Code: Y 09-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity charts available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	DEF AT 4
3051 / 3051	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3540 / 3540	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3869 / 3869	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 5
3870 / 3870	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa omega	DEF AT 5
4439 / 4439	DEF AT condensed section	DEF AT 6
4440 / 4440	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 6
4740 / 4740	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 6
4770 / 4770	DEF AT condensed section	DEF AT 5
4890 / 4890	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 5
4980 / 4980	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5040 / 5040	DEF AT faunal change (no faunal increase)	DEF AT 4
5190 / 5190	DEF AT faunal change (no faunal increase)	DEF AT 4
5577 / 5577	DEF AT condensed section	DEF AT 5
5578 / 5578	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
5579 / 5579	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5580 / 5580	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
5610 / 5610	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
5730 / 5730	DEF AT faunal change (no faunal increase)	DEF AT 4
5850 / 5850	DEF AT faunal change (no faunal increase)	DEF AT 6
5909 / 5909	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 6
5910 / 5910	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 01-DEC-1988	First Sample Examined: 3050
Lease Number: G05845	Source of Paleo: OPERATOR	Borehole MD: 10297
Well Name: 002	Paleo Done By: EVEREST GEOTECH COMPANY	Borehole TVD: 10289
API Well Number: 608174034600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 3050 - 10290	Water Depth: 1700
Public Info Code: Y 09-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
5940 / 5940	DEF AT faunal change (no faunal increase)	DEF IN 5
6119 / 6119	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
6120 / 6120	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
6240 / 6240	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
6360 / 6360	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 5
7500 / 7499	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
7590 / 7589	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 5
9000 / 8996	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF IN 5
9120 / 9116	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 5
10040 /10033	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 5
10079 /10072	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF IN 5
10080 /10073	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 5
10140 /10133	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 5
10290 /10282	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 401	<b>Date of Summary:</b> 28-DEC-1990	<b>First Sample Examined:</b> 2430
<b>Lease Number:</b> G05845	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10297
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10289
<b>API Well Number:</b> 608174034600	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 2430 - 10200	<b>Water Depth:</b> 1700
<b>Public Info Code:</b> Y 24-DEC-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2430 / 2430	DEF AT first sample examined	DEF IN 4
2580 / 2580	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
3630 / 3630	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
4710 / 4710	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
4890 / 4890	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6360 / 6360	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6420 / 6420	DEF AT - - - - -	DEF AT 3
7079 / 7079	POS AT reworked material	DEF AT 3
7080 / 7080	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9600 / 9594	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10200 /10193	DEF AT last sample examined	DEF AT 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 03-JAN-1991	First Sample Examined: 2430
Lease Number: G05845	Source of Paleo: OPERATOR	Borehole MD: 10297
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10289
API Well Number: 608174034600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 3 of 3	Sample Range: 2430 - 10200	Water Depth: 1700
Public Info Code: Y 24-DEC-1999	Ecozone Eq MMS:	Paleo ID: 004

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2430 / 2430	DEF AT first sample examined	DEF AT
3600 / 3600	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4770 / 4770	POS IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5580 / 5580	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5940 / 5940	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6390 / 6390	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7469 / 7468	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7470 / 7469	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
9090 / 9086	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
9420 / 9415	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10110 /10103	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10200 /10193	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 07-AUG-1989	First Sample Examined: 4500
Lease Number: G05845	Source of Paleo: OPERATOR	Borehole MD: 7425
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6766
API Well Number: 608174036100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4500 - 7410	Water Depth: 1372
Public Info Code: Y 29-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	POS AT 3
4501 / 4501	DEF IN cement	POS AT 3
4530 / 4530	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
7350 / 6716	DEF AT local marker benthic foram increase	DEF AT 3
7410 / 6756	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 07-AUG-1989	First Sample Examined: 4500
Lease Number: G05845	Source of Paleo: OPERATOR	Borehole MD: 7425
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6766
API Well Number: 608174036100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4500 - 7410	Water Depth: 1372
Public Info Code: Y 29-AUG-1999	Ecozone Eq MMS:	Paleo ID: 004

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT
4860 / 4858	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5220 / 5200	DEF AT reworked material	DEF AT
7410 / 6756	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 401	<b>Date of Summary:</b> 09-AUG-1989	<b>First Sample Examined:</b> 4530
<b>Lease Number:</b> G05845	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 6500
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 6500
<b>API Well Number:</b> 608174036101	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4530 - 6503	<b>Water Depth:</b> 1372
<b>Public Info Code:</b> Y 07-SEP-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 /	DEF AT first sample examined	DEF IN 2
5790 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 2
6503 /	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 401	Date of Summary: 09-AUG-1989	First Sample Examined: 4530
Lease Number: G05845	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6500
API Well Number: 608174036101	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4530 - 6503	Water Depth: 1372
Public Info Code: Y 07-SEP-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 /	DEF AT first sample examined	DEF AT
4890 /	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6503 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 401	<b>Date of Summary:</b> 20-OCT-1989	<b>First Sample Examined:</b> 4833
<b>Lease Number:</b> G05845	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8744
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8311
<b>API Well Number:</b> 608174036103	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4833 - 8750	<b>Water Depth:</b> 1372
<b>Public Info Code:</b> Y 24-DEC-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4833 / 4827	DEF AT first sample examined	DEF IN 3
5100 / 5081	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
5250 / 5223	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
5640 / 5582	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6750 / 6466	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
6930 / 6622	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF IN 3
7350 / 7004	POS AT reworked material	DEF IN 3
8219 / 7820	POS AT reworked material	DEF IN 3
8220 / 7820	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
8750 /	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 401	<b>Date of Summary:</b> 20-OCT-1989	<b>First Sample Examined:</b> 4833
<b>Lease Number:</b> G05845	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8744
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8311
<b>API Well Number:</b> 608174036103	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4833 - 8750	<b>Water Depth:</b> 1372
<b>Public Info Code:</b> Y 24-DEC-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4833 / 4827	DEF AT first sample examined	DEF AT
5010 / 4996	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5210 / 5185	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6600 / 6342	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7140 / 6811	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7319 / 6976	POS AT reworked material	DEF AT
7320 / 6977	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8750 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 29-MAR-1986	First Sample Examined: 2820
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 7	Sample Range: 2820 - 9270	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Consultant-integrated foram and nanno report, 7380=Lower Pleistocene Calcidiscus tropicus

MD / TVD	Paleo Top Description	Ecozone
2820 / 2820	DEF AT first sample examined	DEF AT 2
3480 / 3478	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 2
5490 / 5315	DEF AT -----	DEF AT 2
5880 / 5611	DEF AT -----	DEF AT 3
6180 / 5840	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
6870 / 6356	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
7200 / 6598	DEF AT -----	DEF AT 2
7380 / 6729	DEF AT local marker floral increase	DEF AT 2
8040 / 7206	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 2
8100 / 7249	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8160 / 7294	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 2
8430 / 7493	DEF AT -----	DEF AT 3
8460 / 7515	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
9120 / 7998	DEF AT -----	DEF AT 2
9270 / 8107	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 26-APR-1986	First Sample Examined: 9848
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 7	Sample Range: 9848 - 16500	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Consultant-integrated foram and nanno report for sidetrack 3

MD / TVD	Paleo Top Description	Ecozone
9848 / 8532	DEF AT first sample examined	DEF AT 1
10450 / 8968	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10650 / 9109	DEF AT -----	DEF AT 2
10780 / 9201	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 2
12700 /10617	DEF AT -----	DEF AT 3
12880 /10753	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
12909 /10775	DEF AT Bathysiphon fauna	DEF AT 3
12910 /10775	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
14590 /12035	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
14600 /12043	DEF AT -----	DEF AT 2
15800 /12941	DEF AT -----	DEF AT 4
15820 /12955	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16090 /13154	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
16500 /13452	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 26-APR-1986	First Sample Examined: 9848
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 3 of 7	Sample Range: 9848 - 16500	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS: N	Paleo ID: 007

Remark: Calcareous nannofossil report for sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9848 / 8532	DEF AT first sample examined	DEF AT
10780 / 9201	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
12880 /10753	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
16090 /13154	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
16500 /13452	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 29-APR-1986	First Sample Examined: 2820
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 4 of 7	Sample Range: 2820 - 9270	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS: N	Paleo ID: 002

**Remark:** Calcareous nannofossil report for original hole, 7380=Lower Pleistocene Calcidiscus tropicus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2820	DEF AT first sample examined	DEF AT
3480 / 3478	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
6870 / 6356	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7380 / 6729	POS IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8040 / 7206	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8160 / 7294	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
8460 / 7515	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9270 / 8107	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 29-APR-1986	First Sample Examined: 9300
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 5 of 7	Sample Range: 9300 - 10050	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 1 report, no diagnostic foram or coccolith markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 8129	DEF AT first sample examined	DEF AT 2
10050 / 8682	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 29-APR-1986	First Sample Examined: 9730
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 6 of 7	Sample Range: 9730 - 12230	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Consultant-integrated foram and nanno report for sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9730 / 8442	DEF AT first sample examined	DEF AT 1
10420 / 8947	DEF AT - - - - -	DEF AT 3
10440 / 8961	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10470 / 8982	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 3
10650 / 9109	DEF AT - - - - -	DEF AT 2
12230 / 10266	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 442	Date of Summary: 29-APR-1986	First Sample Examined: 9730
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13450
API Well Number: 608174026500	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 7 of 7	Sample Range: 9730 - 12210	Water Depth: 1520
Public Info Code: Y 24-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9730 / 8442	DEF AT first sample examined	DEF AT 1
10470 / 8982	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 2
12210 /10251	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 445	Date of Summary: 10-DEC-1992	First Sample Examined: 3615
Lease Number: G06951	Source of Paleo: OPERATOR	Borehole MD: 11073
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11071
API Well Number: 608174042900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3615 - 11073	Water Depth: 2094
Public Info Code: Y 08-SEP-1999	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>
3615 / 3615	DEF AT first sample examined	DEF AT 4
3930 / 3929	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4590 / 4589	DEF AT - - - - -	DEF AT 5
4950 / 4949	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
5610 / 5609	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
5730 / 5729	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
6360 / 6359	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF IN 5
6870 / 6869	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8220 / 8219	DEF AT - - - - -	DEF AT 6
8340 / 8339	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
8910 / 8909	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
9570 / 9569	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
10620 / 10618	DEF AT Arenaceous fauna (local marker)	DEF AT 6
11073 / 11071	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 445	Date of Summary: 10-DEC-1992	First Sample Examined: 3615
Lease Number: G06951	Source of Paleo: OPERATOR	Borehole MD: 11073
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11071
API Well Number: 608174042900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3615 - 11070	Water Depth: 2094
Public Info Code: Y 08-SEP-1999	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3615 / 3615	DEF AT first sample examined	DEF AT
3870 / 3869	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4680 / 4679	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
4860 / 4859	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5160 / 5159	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5790 / 5789	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6150 / 6149	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6690 / 6689	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7110 / 7109	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7530 / 7529	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8280 / 8279	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10470 /10468	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
11070 /11068	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 445	Date of Summary: 12-AUG-1994	First Sample Examined: 0
Lease Number: G06951	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7237
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7139
API Well Number: 608174047300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2095
Public Info Code: Y 08-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5790 / 5767	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6686 / 6617	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 447	Date of Summary: 10-MAR-1994	First Sample Examined: 3570
Lease Number: G10993	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 608174047100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 3570 - 7000	Water Depth: 1970
Public Info Code: Y 30-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3570 / 3570	DEF AT first sample examined	DEF AT 4
3690 / 3690	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3990 / 3990	DEF AT local marker deep water fauna	DEF AT 5
4440 / 4440	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4770 / 4770	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4920 / 4920	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5040 / 5040	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5220 / 5220	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
5370 / 5370	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
5430 / 5430	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5459 / 5459	DEF AT pyrite	DEF AT 5
5460 / 5460	DEF AT glauconite	DEF AT 5
5490 / 5490	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5519 / 5519	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5520 / 5520	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
5880 / 5880	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7000 / 7000	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 447	Date of Summary: 10-MAR-1994	First Sample Examined: 3570
Lease Number: G10993	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 608174047100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 3570 - 7000	Water Depth: 1970
Public Info Code: Y 30-APR-1997	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3570 / 3570	DEF AT first sample examined	DEF AT
3930 / 3930	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4650 / 4650	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
4710 / 4710	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4830 / 4830	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5010 / 5010	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5370 / 5370	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5459 / 5459	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5460 / 5460	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
5520 / 5520	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
6540 / 6540	DEF AT local marker floral increase	DEF AT
6810 / 6810	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7000 / 7000	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 476	Date of Summary: 23-FEB-1998	First Sample Examined: 9990
Lease Number: G09813	Source of Paleo: OPERATOR	Borehole MD: 18220
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17493
API Well Number: 608174058500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 9990 - 18210	Water Depth: 6627
Public Info Code: Y 30-JUL-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, overall foram sample quality is relatively poor, several extensive intervals have very poor foram recovery, paleoenvironments also poorly controlled, but generally indicate upper slope, species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9990	DEF AT first sample examined	POS AT 3
9991 / 9991	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	POS AT 3
10020 /10020	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	POS AT 3
10050 /10049	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	POS AT 3
10350 /10349	DEF AT faunal change (no faunal increase)	POS AT 4
10410 /10409	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	POS AT 4
10590 /10589	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	POS AT 4
10620 /10619	DEF AT faunal change (no faunal increase)	DEF AT 4
10860 /10859	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	POS AT 4
11040 /11039	DEF AT faunal change (no faunal increase)	DEF IN 4
11070 /11069	DEF AT faunal change (no faunal increase)	POS AT 4
11370 /11369	DEF AT faunal change (no faunal increase)	DEF AT 4
11580 /11579	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
11970 /11969	DEF AT faunal change (no faunal increase)	POS AT 4
13110 /13109	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	POS AT 4
13200 /13199	DEF AT faunal change (no faunal increase)	DEF AT 4
13230 /13229	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 4
13410 /13409	DEF AT faunal change (no faunal increase)	POS AT 4
13740 /13739	DEF AT faunal change (no faunal increase)	DEF AT 4
13770 /13769	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT 4
13830 /13829	DEF AT Upper Miocene (Tortonian) Discoaster prepentariatus	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 476	Date of Summary: 23-FEB-1998	First Sample Examined: 9990
Lease Number: G09813	Source of Paleo: OPERATOR	Borehole MD: 18220
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17493
API Well Number: 608174058500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 9990 - 18210	Water Depth: 6627
Public Info Code: Y 30-JUL-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13920 /13919	DEF AT faunal change (no faunal increase)	DEF AT 4
14130 /14129	DEF AT faunal change (no faunal increase)	POS AT 4
14190 /14189	POS AT Upper Miocene (Tortonian) Discoaster bollii	POS AT 4
14490 /14489	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	POS AT 4
14670 /14669	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	POS AT 4
14790 /14789	DEF AT faunal change (no faunal increase)	DEF AT 4
14880 /14879	DEF AT faunal change (no faunal increase)	POS AT 4
15090 /15089	DEF AT faunal change (no faunal increase)	DEF AT 4
15150 /15149	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
15180 /15179	DEF AT faunal change (no faunal increase)	POS AT 4
15870 /15851	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	POS AT 4
15930 /15906	DEF AT faunal change (no faunal increase)	DEF AT 4
15990 /15961	DEF AT faunal change (no faunal increase)	POS AT 4
16080 /16042	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	POS AT 4
16110 /16069	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	POS AT 4
16200 /16146	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	POS AT 4
16230 /16172	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (increase)	POS AT 4
16440 /16338	DEF AT faunal change (no faunal increase)	DEF AT 4
16470 /16361	DEF AT faunal change (no faunal increase)	POS AT 4
17010 /16722	DEF AT Middle Miocene (Serravallian) Discoaster musicus	POS AT 4
17250 /16879	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	POS AT 4
17280 /16898	DEF AT faunal change (no faunal increase)	DEF AT 4
17460 /17016	DEF AT faunal change (no faunal increase)	POS AT 4
17970 /17344	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 476	<b>Date of Summary:</b> 23-FEB-1998	<b>First Sample Examined:</b> 9990
<b>Lease Number:</b> G09813	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18220
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17493
<b>API Well Number:</b> 608174058500	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9990 - 18210	<b>Water Depth:</b> 6627
<b>Public Info Code:</b> Y 30-JUL-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18000 /17362	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
18030 /17380	DEF AT faunal change (no faunal increase)	POS AT 4
18210 /17487	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 486	Date of Summary: 18-MAR-1988	First Sample Examined: 3030
Lease Number: G06957	Source of Paleo: OPERATOR	Borehole MD: 9502
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8372
API Well Number: 608174031001	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3030 - 8900	Water Depth: 1126
Public Info Code: Y 13-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 3030	DEF AT first sample examined	DEF AT 4
3031 / 3031	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4530 / 4530	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6180 / 6150	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8070 / 7480	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8160 / 7535	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
8520 / 7757	DEF AT local marker benthic foram increase	DEF AT 5
8900 / 7993	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 487	Date of Summary: 06-MAY-1988	First Sample Examined: 0
Lease Number: G06958	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10100
API Well Number: 608174031900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1519
Public Info Code: Y 21-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3560	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3860 / 3860	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
7310 / 7310	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8450 / 8450	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9110 / 9110	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
9930 / 9930	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-1994

End Date: 31-DEC-1999

Area Block: MC 522	Date of Summary: 16-JUL-1990	First Sample Examined: 9420
Lease Number: G08823	Source of Paleo: OPERATOR	Borehole MD: 19200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19200
API Well Number: 608174035700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 9420 - 19180	Water Depth: 6950
Public Info Code: Y 15-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9420 /	DEF AT first sample examined	POS AT 4
9850 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10000 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10300 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11260 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
12760 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
13899 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
13900 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
16840 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
18430 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
19180 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 522	Date of Summary: 01-APR-1999	First Sample Examined: 9482
Lease Number: G08823	Source of Paleo: OPERATOR	Borehole MD: 19200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19200
API Well Number: 608174035700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 9482 - 19200	Water Depth: 6950
Public Info Code: Y 15-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9482 /	DEF AT first sample examined	DEF AT
9550 /	POS IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10090 /	POS IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 4
10240 /	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
10420 /	DEF AT Lower Pliocene (Zanclian) Discoaster challengerii	DEF AT 4
10510 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
11140 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
11950 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12760 /	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
12820 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
12880 /	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
13180 /	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
13510 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
13660 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
13900 /	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
14440 /	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
15040 /	DEF IN Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 4
15100 /	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 4
16840 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
18430 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
19030 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 522	Date of Summary: 01-APR-1999	First Sample Examined: 9482
Lease Number: G08823	Source of Paleo: OPERATOR	Borehole MD: 19200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19200
API Well Number: 608174035700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 9482 - 19200	Water Depth: 6950
Public Info Code: Y 15-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19060 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
19180 /	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 531	Date of Summary: 21-JUN-2001	First Sample Examined: 5590
Lease Number: G18251	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7518
API Well Number: 608174082200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5590 - 8040	Water Depth: 1070
Public Info Code: Y 28-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5590 / 5520	POS AT Lower Pleistocene (Calabrian) <i>Stilostomella antillea</i>	DEF AT 4
5650 / 5569	DEF AT Lower Pleistocene (Calabrian) <i>Stilostomella antillea</i>	DEF AT 5
6040 / 5857	DEF AT foram flood	DEF AT 5
6070 / 5878	DEF AT sand	DEF AT
6100 / 5900	DEF AT sample gap top	DEF AT
7449 / 6882	DEF AT sample gap bottom	DEF AT
7450 / 6883	DEF AT foram flood	DEF AT 5
7830 / 7161	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia crassula</i> (acme)	DEF AT 5
7890 / 7206	POS AT Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF AT 4
7920 / 7228	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF AT 5
7980 / 7273	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia menardii</i> (coiling change left/right)	DEF AT 5
8010 / 7296	POS AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF AT 5
8040 / 7319	DEF AT Upper Pliocene (Piacenzian) <i>Cibicides grossperforatus</i>	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 573	Date of Summary: 08-OCT-1993	First Sample Examined: 5730
Lease Number: G12163	Source of Paleo: OPERATOR	Borehole MD: 9726
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8320
API Well Number: 608174045800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 5730 - 9725	Water Depth: 467
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 5404	DEF AT first sample examined	DEF AT 3
5940 / 5559	DEF AT local marker deep water fauna	DEF AT 4
6090 / 5668	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
6480 / 5945	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
8520 / 7413	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9360 / 8047	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9725 / 8319	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 574  
Lease Number: G13138  
Well Name: 001  
API Well Number: 608174043700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-APR-1996

Date of Summary: 19-JAN-1993  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ANADARKO PETROLEUM CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 15371  
Borehole TVD: 8342  
Rkb Elevation: 82  
Water Depth: 674  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2250 / 2218	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
8460 / 4974	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
12450 / 6766	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
12690 / 6899	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
14760 / 8029	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
14970 / 8138	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
15210 / 8262	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 583	Date of Summary: 13-NOV-1989	First Sample Examined: 4205
Lease Number: G08492	Source of Paleo: OPERATOR	Borehole MD: 10040
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10040
API Well Number: 608174029800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 4205 - 10020	Water Depth: 2150
Public Info Code: Y 31-MAY-1994	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>
4205 /	DEF AT first sample examined	POS AT 4
5494 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
7209 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8100 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
9630 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	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-1994

End Date: 31-DEC-1999

Area Block: MC 606	Date of Summary: 01-OCT-1997	First Sample Examined: 10000
Lease Number: G08838	Source of Paleo: OPERATOR	Borehole MD: 17750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16365
API Well Number: 608174057100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 10000 - 17750	Water Depth: 6403
Public Info Code: Y 08-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9994	DEF AT first sample examined	DEF AT 4
10001 / 9995	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10240 /10234	DEF AT -----	DEF AT 5
10300 /10294	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
10450 /10444	DEF AT -----	DEF AT 4
10600 /10594	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11050 /11044	DEF AT -----	DEF AT 5
11110 /11104	DEF AT -----	DEF AT 4
11260 /11253	DEF IN Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 4
11350 /11343	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11380 /11373	DEF IN Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
11440 /11432	DEF AT -----	DEF AT 4
11500 /11492	DEF AT -----	DEF AT 5
11590 /11580	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
11830 /11814	DEF AT poor sample interval top	POS AT 5
12040 /12013	DEF AT poor sample interval bottom	DEF AT 4
12160 /12123	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
12190 /12150	DEF AT -----	DEF AT 5
12400 /12337	DEF AT -----	DEF AT 4
12550 /12469	DEF AT -----	DEF AT 5
12580 /12495	DEF AT -----	DEF AT 4
12670 /12572	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 606	Date of Summary: 01-OCT-1997	First Sample Examined: 10000
Lease Number: G08838	Source of Paleo: OPERATOR	Borehole MD: 17750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16365
API Well Number: 608174057100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 10000 - 17750	Water Depth: 6403
Public Info Code: Y 08-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12880 /12747	DEF AT poor sample interval top	POS AT 4
13270 /13057	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	POS AT 4
13540 /13273	DEF AT poor sample interval bottom	DEF AT 4
14200 /13815	DEF AT poor sample interval top	POS AT 4
14470 /14042	DEF AT poor sample interval bottom	POS AT 4
14770 /14296	DEF AT poor sample interval top	POS AT 4
14920 /14421	DEF AT poor sample interval bottom	DEF AT 4
15070 /14546	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 4
15190 /14644	DEF AT poor sample interval top	POS AT 4
15700 /15056	DEF AT poor sample interval bottom	DEF AT 4
15730 /15080	DEF AT poor sample interval top	POS AT 4
15880 /15195	DEF AT poor sample interval bottom	DEF IN 4
15910 /15218	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
16210 /15441	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
16240 /15463	DEF AT -----	DEF IN 4
16270 /15484	DEF AT -----	DEF AT 4
16360 /15548	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
16450 /15612	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF IN 4
16510 /15653	DEF AT -----	DEF AT 4
16750 /15813	DEF AT -----	DEF IN 4
16840 /15870	DEF AT poor sample interval top	POS AT 4
17590 /16291	DEF AT poor sample interval bottom	DEF AT 4
17620 /16305	DEF AT poor sample interval top	POS AT 4
17749 /16364	DEF AT poor sample interval bottom	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994  
 End Date: 31-DEC-1999

Area Block: MC 606	Date of Summary: 01-OCT-1997	First Sample Examined: 10000
Lease Number: G08838	Source of Paleo: OPERATOR	Borehole MD: 17750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16365
API Well Number: 608174057100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 10000 - 17750	Water Depth: 6403
Public Info Code: Y 08-MAR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17750 /16365	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 619	Date of Summary: 17-FEB-1997	First Sample Examined: 2760
Lease Number: G13139	Source of Paleo: OPERATOR	Borehole MD: 21000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20978
API Well Number: 608174053300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2760 - 21000	Water Depth: 1350
Public Info Code: Y 30-APR-1999	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>
2760 / 2760	DEF AT first sample examined	DEF AT 4
4470 / 4470	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
4980 / 4980	DEF AT -----	DEF AT 5
5070 / 5070	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5160 / 5160	DEF AT -----	DEF AT 4
5550 / 5550	DEF AT -----	DEF AT 5
5880 / 5880	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
6626 / 6625	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
6870 / 6869	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
7050 / 7049	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
7080 / 7079	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7110 / 7109	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
7350 / 7349	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
7380 / 7379	DEF AT faunal change (no faunal increase)	DEF AT 4
7812 / 7811	DEF AT salt	POS AT 4
11893 /11882	DEF AT base of salt	DEF AT 4
12060 /12048	DEF AT -----	DEF IN 4
12090 /12078	DEF IN Upper Miocene (Messinian) Discoaster quinqueram us	DEF IN 4
12240 /12228	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
13680 /13666	DEF AT -----	DEF IN 3
14010 /13995	DEF AT -----	DEF AT 4
14580 /14565	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 619	Date of Summary: 17-FEB-1997	First Sample Examined: 2760
Lease Number: G13139	Source of Paleo: OPERATOR	Borehole MD: 21000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20978
API Well Number: 608174053300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2760 - 21000	Water Depth: 1350
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15420 /15405	DEF AT -----	DEF AT 3
15660 /15645	DEF AT -----	DEF IN 4
16050 /16034	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
16320 /16304	DEF AT -----	DEF IN 3
16500 /16484	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF IN 3
16980 /16963	DEF AT -----	DEF IN 4
17370 /17352	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 4
18000 /17981	DEF AT -----	DEF AT 4
18510 /18490	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
19050 /19030	DEF AT -----	DEF IN 4
21000 /20978	DEF AT last sample examined	DEF IN 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 628	Date of Summary: 18-AUG-1997	First Sample Examined: 4140
Lease Number: G13140	Source of Paleo: OPERATOR	Borehole MD: 20076
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19477
API Well Number: 608174054500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4140 - 20076	Water Depth: 2595
Public Info Code: Y 30-APR-1999	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>
4140 / 4140	DEF AT first sample examined	DEF AT 4
4500 / 4500	DEF AT -----	DEF IN 4
4830 / 4830	DEF AT -----	DEF IN 3
5460 / 5460	DEF AT -----	DEF IN 4
5580 / 5580	DEF AT -----	DEF AT 4
5970 / 5970	DEF AT -----	DEF IN 4
6060 / 6060	DEF AT -----	DEF AT 3
6150 / 6150	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
6420 / 6420	DEF AT -----	DEF IN 4
6810 / 6810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
6900 / 6900	DEF AT -----	DEF AT 2
7170 / 7170	DEF AT -----	DEF IN 4
7440 / 7440	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 4
7710 / 7710	DEF AT -----	DEF AT 3
7920 / 7920	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
8010 / 8010	DEF AT -----	DEF AT 2
8100 / 8100	DEF AT -----	DEF IN 4
8220 / 8220	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
8250 / 8250	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 4
8280 / 8280	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
8430 / 8430	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 4
8580 / 8580	DEF AT salt	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 628  
Lease Number: G13140  
Well Name: 001  
API Well Number: 608174054500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-APR-1999

Date of Summary: 18-AUG-1997  
Source of Paleo: OPERATOR  
Paleo Done By: OPERATOR  
Drilling Operator: CHEVRON USA INC  
Sample Range: 4140 - 20076  
Ecozone Eq MMS: Y

First Sample Examined: 4140  
Borehole MD: 20076  
Borehole TVD: 19477  
Rkb Elevation: 82  
Water Depth: 2595  
Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12010 /12005	DEF AT base of salt	DEF AT 4
12130 /12125	DEF IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 4
12460 /12454	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
14430 /14414	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
15330 /15251	DEF AT - - - - -	DEF IN 4
16110 /15949	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 4
16260 /16081	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
17325 /17011	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF IN 4
17430 /17105	DEF AT - - - - -	DEF AT 4
19170 /18658	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
20040 /19427	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
20076 /19458	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 638	Date of Summary: 01-AUG-1996	First Sample Examined: 6808
Lease Number: G08840	Source of Paleo: OPERATOR	Borehole MD: 20586
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19898
API Well Number: 608174053600	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 86
Paleo Report Num: 1 of 3	Sample Range: 6808 - 20586	Water Depth: 4263
Public Info Code: Y 07-JAN-1997	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6808 / 6808	DEF AT first sample examined	POS AT 5
6809 / 6809	DEF IN cement	POS AT 5
7080 / 7080	DEF AT -----	DEF AT 5
7230 / 7230	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF IN 5
7260 / 7260	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF IN 5
7410 / 7410	DEF AT -----	POS IN 5
7530 / 7530	DEF AT -----	DEF AT 5
7710 / 7710	DEF AT -----	DEF IN 5
7725 / 7725	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 5
7860 / 7860	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 5
8010 / 8010	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8340 / 8340	DEF AT -----	DEF AT 5
8580 / 8580	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
8730 / 8730	DEF AT -----	POS AT 5
8820 / 8820	DEF AT -----	DEF AT 5
8940 / 8940	DEF AT -----	POS AT 5
9000 / 9000	DEF AT -----	DEF AT 5
9300 / 9299	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9450 / 9449	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 5
10110 /10109	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10700 /10699	DEF AT -----	DEF IN 5
10860 /10859	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 638  
 Lease Number: G08840  
 Well Name: 001  
 API Well Number: 608174053600  
 Paleo Report Num: 1 of 3  
 Public Info Code: Y 07-JAN-1997

Date of Summary: 01-AUG-1996  
 Source of Paleo: OPERATOR  
 Paleo Done By: OPERATOR  
 Drilling Operator: BP Exploration Inc.  
 Sample Range: 6808 - 20586  
 Ecozone Eq MMS: Y

First Sample Examined: 6808  
 Borehole MD: 20586  
 Borehole TVD: 19898  
 Rkb Elevation: 86  
 Water Depth: 4263  
 Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11160 /11159	DEF AT -----	POS IN 5
12210 /12209	DEF AT -----	DEF IN 5
12750 /12749	DEF AT -----	POS IN 4
12930 /12929	POS AT Upper Miocene (Tortonian) Robulus "E"	POS IN 4
13950 /13940	DEF AT Upper Miocene (Tortonian) Catinaster sp.	POS IN 4
14330 /14303	DEF AT -----	DEF IN 4
14940 /14862	DEF AT -----	POS IN 4
16500 /16237	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	POS IN 4
18420 /17927	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	POS IN 4
20586 /19898	DEF AT last sample examined	POS IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 638	Date of Summary: 27-AUG-1996	First Sample Examined: 6808
Lease Number: G08840	Source of Paleo: OPERATOR	Borehole MD: 20586
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19898
API Well Number: 608174053600	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 86
Paleo Report Num: 2 of 3	Sample Range: 6808 - 20586	Water Depth: 4263
Public Info Code: Y 07-JAN-1997	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Narcissus Prospect, calcareous nannofossil report, 13740=Discoaster extensus

MD / TVD	Paleo Top Description	Ecozone
6808 / 6808	DEF AT first sample examined	DEF AT
7080 / 7080	DEF IN local marker floral increase	DEF AT
7200 / 7200	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa T.R.	DEF AT
7260 / 7260	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7440 / 7440	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7500 / 7500	DEF AT local marker floral decrease	DEF AT
7740 / 7740	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7800 / 7800	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7860 / 7860	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7920 / 7920	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8340 / 8340	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8400 / 8400	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
9000 / 9000	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT
9300 / 9299	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9360 / 9359	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
9600 / 9599	DEF AT local marker floral decrease	DEF AT
10140 /10139	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
10920 /10919	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11100 /11099	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
11220 /11219	DEF AT local marker floral decrease	DEF AT
11280 /11279	DEF AT local marker floral decrease	DEF AT
11340 /11339	DEF AT local marker floral increase	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 638  
Lease Number: G08840  
Well Name: 001  
API Well Number: 608174053600  
Paleo Report Num: 2 of 3  
Public Info Code: Y 07-JAN-1997

Date of Summary: 27-AUG-1996  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: BP Exploration Inc.  
Sample Range: 6808 - 20586  
Ecozone Eq MMS:

First Sample Examined: 6808  
Borehole MD: 20586  
Borehole TVD: 19898  
Rkb Elevation: 86  
Water Depth: 4263  
Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /11999	DEF AT local marker floral decrease	DEF AT
13020 /13019	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
13080 /13079	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
13140 /13139	DEF AT local marker floral decrease	DEF AT
13740 /13735	DEF AT local marker floral increase	DEF AT
13860 /13853	DEF AT local marker floral decrease	DEF AT
14580 /14536	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
14760 /14700	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15060 /14970	DEF AT local marker floral decrease	DEF AT
15180 /15078	DEF AT local marker floral increase	DEF AT
15420 /15289	DEF AT local marker floral decrease	DEF AT
16800 /16501	DEF AT local marker floral increase	DEF AT
17100 /16763	DEF AT local marker floral decrease	DEF AT
18300 /17820	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
18480 /17980	DEF AT local marker floral decrease	DEF AT
19320 /18735	DEF AT local marker floral decrease	DEF AT
19560 /18953	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
20586 /19898	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 638	Date of Summary: 15-OCT-1996	First Sample Examined: 6808
Lease Number: G08840	Source of Paleo: OPERATOR	Borehole MD: 20586
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19898
API Well Number: 608174053600	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 86
Paleo Report Num: 3 of 3	Sample Range: 6808 - 20635	Water Depth: 4263
Public Info Code: Y 07-JAN-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Narcissus Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6080 / 6080	DEF AT first sample examined	DEF AT 4
7080 / 7080	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
7110 / 7110	DEF AT faunal change (no faunal increase)	DEF AT 5
7200 / 7200	DEF AT foram flood	DEF AT 5
7260 / 7260	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7380 / 7380	DEF AT local marker foram decrease	DEF AT 5
7710 / 7710	DEF AT foram flood	DEF AT 5
7800 / 7800	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7860 / 7860	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7890 / 7890	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
7920 / 7920	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8050 / 8050	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8130 / 8130	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8190 / 8190	DEF AT foram flood	DEF AT 4
8370 / 8370	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8490 / 8490	DEF AT local marker foram decrease	DEF AT 4
8580 / 8580	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8730 / 8730	DEF AT sand	DEF IN 3
9000 / 9000	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
9030 / 9030	DEF AT foram flood	DEF IN 4
9299 / 9298	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
9300 / 9299	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 638  
Lease Number: G08840  
Well Name: 001  
API Well Number: 608174053600  
Paleo Report Num: 3 of 3  
Public Info Code: Y 07-JAN-1997

Date of Summary: 15-OCT-1996  
Source of Paleo: OPERATOR  
Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
Drilling Operator: BP Exploration Inc.  
Sample Range: 6808 - 20635  
Ecozone Eq MMS: Y

First Sample Examined: 6808  
Borehole MD: 20586  
Borehole TVD: 19898  
Rkb Elevation: 86  
Water Depth: 4263  
Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 9479	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9630 / 9629	DEF AT local marker foram decrease	DEF AT 4
9810 / 9809	DEF AT foram flood	DEF AT 4
9960 / 9959	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10140 /10139	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
10350 /10349	DEF AT local marker foram decrease	DEF AT 3
10500 /10499	DEF AT sand	DEF AT 4
10501 /10500	DEF AT pyrite	DEF AT 4
10530 /10529	DEF AT faunal change (no faunal increase)	DEF AT 3
11040 /11039	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11070 /11069	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
11160 /11159	DEF AT sand	DEF IN 3
11161 /11160	DEF AT local marker foram decrease	DEF IN 3
12450 /12449	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 3
12480 /12479	DEF AT local marker benthic foram increase	DEF AT 3
12540 /12539	DEF AT local marker foram decrease	DEF AT 3
12900 /12899	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
13200 /13199	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
13290 /13289	DEF AT local marker foram decrease	DEF AT 3
13530 /13528	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14160 /14141	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14490 /14453	DEF AT local marker foram increase	DEF AT 3
14550 /14508	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14610 /14564	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-1994

End Date: 31-DEC-1999

Area Block: MC 638  
 Lease Number: G08840  
 Well Name: 001  
 API Well Number: 608174053600  
 Paleo Report Num: 3 of 3  
 Public Info Code: Y 07-JAN-1997

Date of Summary: 15-OCT-1996  
 Source of Paleo: OPERATOR  
 Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.  
 Drilling Operator: BP Exploration Inc.  
 Sample Range: 6808 - 20635  
 Ecozone Eq MMS: Y

First Sample Examined: 6808  
 Borehole MD: 20586  
 Borehole TVD: 19898  
 Rkb Elevation: 86  
 Water Depth: 4263  
 Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14700 /14646	DEF AT local marker foram decrease	DEF AT 3
14850 /14781	DEF AT local marker planktic foram increase	DEF AT 4
15000 /14916	DEF AT sand	DEF AT 3
15120 /15024	DEF AT sand	DEF AT 4
16800 /16501	POS AT local marker planktic foram increase	DEF AT 4
16980 /16659	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17850 /17421	DEF AT Bathysiphon fauna	DEF AT 4
18210 /17740	DEF AT black shale	DEF AT 4
18420 /17927	DEF AT foram flood	DEF IN 4
18480 /17980	DEF AT local marker foram decrease	DEF IN 4
18990 /18438	DEF AT Eggerella sp. (local marker)	DEF IN 4
19170 /18600	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
19350 /18763	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
19380 /18790	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
19590 /18980	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
19650 /19035	DEF AT faunal change (no faunal increase)	DEF AT 3
19680 /19062	DEF AT local marker foram decrease	DEF AT 3
20040 /19390	DEF AT faunal change (no faunal increase)	DEF IN 4
20550 /19865	DEF AT Eggerella sp. (local marker)	DEF IN 4
20635 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 657	Date of Summary: 21-APR-1988	First Sample Examined: 9450
Lease Number: G08496	Source of Paleo: OPERATOR	Borehole MD: 17510
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17509
API Well Number: 608174031400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 9450 - 17510	Water Depth: 7500
Public Info Code: Y 23-DEC-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9450 / 9450	DEF AT first sample examined	DEF AT 5
10920 /10920	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11130 /11130	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13260 /13260	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
15610 /15609	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
16480 /16479	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
17470 /17469	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
17510 /17509	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 705	Date of Summary: 08-JUL-1996	First Sample Examined: 0
Lease Number: G12164	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10709
API Well Number: 608174053200	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 847
Public Info Code: Y 02-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 / 9363	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-1994

End Date: 31-DEC-1999

Area Block: MC 705	Date of Summary: 14-DEC-1992	First Sample Examined: 2900
Lease Number: G12165	Source of Paleo: OPERATOR	Borehole MD: 14142
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11816
API Well Number: 608174043000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2900 - 14150	Water Depth: 843
Public Info Code: Y 02-AUG-1996	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>
2900 / 2900	DEF AT first sample examined	DEF AT 5
3050 / 3050	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
11210 / 9582	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12560 / 10584	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
13160 / 11045	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
13220 / 11092	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13310 / 11162	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14150 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 705	Date of Summary: 22-APR-1993	First Sample Examined: 12440
Lease Number: G12165	Source of Paleo: OPERATOR	Borehole MD: 13663
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11916
API Well Number: 608174043001	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 9980 - 13663	Water Depth: 843
Public Info Code: Y 02-AUG-1996	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>
9980 / 8740	DEF AT first sample examined	DEF AT
12560 /10964	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13250 /11559	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13460 /11740	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13663 /11915	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 705	Date of Summary: 23-APR-1993	First Sample Examined: 9330
Lease Number: G12165	Source of Paleo: OPERATOR	Borehole MD: 13820
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12064
API Well Number: 608174043400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 9330 - 14150	Water Depth: 845
Public Info Code: Y 02-AUG-1996	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>
9330 / 8553	DEF AT first sample examined	DEF AT
12990 /11411	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13710 /11977	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14150 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 706	Date of Summary: 30-JUN-1994	First Sample Examined: 5600
Lease Number: G14015	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14993
API Well Number: 608174047200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5600 - 15000	Water Depth: 1220
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 /	DEF AT first sample examined	DEF AT
5601 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
14660 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14870 /	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-1994

End Date: 31-DEC-1999

Area Block: MC 730	Date of Summary: 12-SEP-1988	First Sample Examined: 7170
Lease Number: G07954	Source of Paleo: OPERATOR	Borehole MD: 16012
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16012
API Well Number: 608174033000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 3	Sample Range: 7170 - 16012	Water Depth: 5328
Public Info Code: Y 11-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 10470=Globorotalia miocenica (left-coiled)

MD / TVD	Paleo Top Description	Ecozone
7170 /	DEF AT first sample examined	DEF AT 5
8640 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9090 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9210 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10110 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10470 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10830 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
15060 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
16012 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 730	Date of Summary: 01-APR-1999	First Sample Examined: 7170
Lease Number: G07954	Source of Paleo: OPERATOR	Borehole MD: 16012
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16012
API Well Number: 608174033000	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 48
Paleo Report Num: 3 of 3	Sample Range: 7170 - 16012	Water Depth: 5328
Public Info Code: Y 11-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7170 /	DEF AT first sample examined	DEF AT 4
7830 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
7980 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
8340 /	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 4
8400 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
8640 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9090 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9150 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9180 /	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
9480 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
10110 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10200 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 4
10230 /	POS AT Lower Pliocene (Zanclian) Discoaster challengeri	DEF AT 4
10410 /	DEF AT Lower Pliocene (Zanclian) Discoaster challengeri	DEF AT 4
10470 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
11160 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
11970 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
13350 /	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
14190 /	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
15060 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
16012 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 731	Date of Summary: 06-APR-1987	First Sample Examined: 7451
Lease Number: G07955	Source of Paleo: OPERATOR	Borehole MD: 15995
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15995
API Well Number: 608174028900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 7451 - 15990	Water Depth: 5400
Public Info Code: Y 31-DEC-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7451 /	DEF AT first sample examined	DEF AT 4
9314 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10419 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11105 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
14780 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
15920 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15990 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 731	Date of Summary: 01-APR-1999	First Sample Examined: 7801
Lease Number: G07955	Source of Paleo: OPERATOR	Borehole MD: 15995
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15995
API Well Number: 608174028900	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 7801 - 16922	Water Depth: 5400
Public Info Code: Y 31-DEC-1996	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7801 /	DEF AT first sample examined	DEF AT 4
7802 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
9099 /	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
9279 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9747 /	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
10419 /	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
11576 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
14690 /	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
14720 /	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
14780 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
15140 /	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
15260 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15920 /	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
16922 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 731	Date of Summary: 06-APR-1987	First Sample Examined: 15496
Lease Number: G07955	Source of Paleo: OPERATOR	Borehole MD: 16922
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16922
API Well Number: 608174028901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 15496 - 16922	Water Depth: 5400
Public Info Code: Y 13-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15496 /15496	DEF AT first sample examined	DEF AT 5
15830 /15829	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
16922 /16921	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 739	Date of Summary: 20-MAY-1998	First Sample Examined: 10480
Lease Number: G09859	Source of Paleo: OPERATOR	Borehole MD: 20850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20843
API Well Number: 608174060100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 10480 - 20850	Water Depth: 7095
Public Info Code: Y 25-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report, overall foram sample quality is relatively poor, several extensive intervals have poor foram recovery, both Discoaster loeblichii(=15050) and Discoaster neohamatus (=15470) are depressed

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10480 /10479	DEF AT first sample examined	POS AT 4
10481 /10480	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	POS AT 4
10720 /10719	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	POS AT 4
10780 /10779	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	POS AT 4
10930 /10929	DEF AT faunal change (no faunal increase)	DEF AT 4
11740 /11738	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 4
11980 /11978	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
12040 /12038	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12220 /12218	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 4
12580 /12578	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
13180 /13178	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
15050 /15048	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	POS AT 4
15470 /15468	DEF IN Upper Miocene (Tortonian) Discoaster neohamatus	POS AT 4
15560 /15558	DEF AT faunal change (no faunal increase)	DEF AT 4
15590 /15588	POS AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT 4
15770 /15768	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
16070 /16068	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
16310 /16308	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 4
17030 /17028	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
19490 /19485	POS IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 4
19550 /19545	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MC 739	<b>Date of Summary:</b> 20-MAY-1998	<b>First Sample Examined:</b> 10480
<b>Lease Number:</b> G09859	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 20850
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 20843
<b>API Well Number:</b> 608174060100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10480 - 20850	<b>Water Depth:</b> 7095
<b>Public Info Code:</b> Y 25-OCT-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19610 /19605	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
20270 /20264	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 4
20690 /20684	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT 4
20720 /20713	DEF AT Middle Miocene (Serravallian) Globorotalia foysi robusta	DEF AT 4
20840 /20833	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 763	Date of Summary: 01-APR-1999	First Sample Examined: 5188
Lease Number: G07958	Source of Paleo: OPERATOR	Borehole MD: 18804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18804
API Well Number: 608174035100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 5188 - 18804	Water Depth: 3170
Public Info Code: Y 18-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Anstey Prospect, foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5188 /	DEF AT first sample examined	DEF AT 4
5420 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
7010 /	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT 4
7520 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
8270 /	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
8330 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8809 /	DEF AT unconformity	DEF AT 4
8810 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9200 /	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
9560 /	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 4
9590 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10400 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11120 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11870 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
14330 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
16610 /	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
17510 /	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
17540 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
18804 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 764	Date of Summary: 12-JUN-1992	First Sample Examined: 4655
Lease Number: G08852	Source of Paleo: OPERATOR	Borehole MD: 12143
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12143
API Well Number: 608174033700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 4655 - 12143	Water Depth: 3252
Public Info Code: Y 13-NOV-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4655 /	DEF AT first sample examined	DEF AT 5
5470 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
6310 /	DEF AT faunal change (no faunal increase)	DEF AT 6
7360 /	DEF AT local marker foram increase	DEF AT 6
7660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7690 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
7720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
8170 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
8290 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
8410 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9220 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
9520 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 6
12040 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
12143 /	DEF AT last sample examined	DEF AT 6

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 764	Date of Summary: 12-JUN-1992	First Sample Examined: 4655
Lease Number: G08852	Source of Paleo: OPERATOR	Borehole MD: 12143
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12143
API Well Number: 608174033700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 4655 - 12143	Water Depth: 3252
Public Info Code: Y 13-NOV-1998	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4655 /	DEF AT first sample examined	DEF AT
5470 /	DEF AT local marker floral increase	DEF AT
6490 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7480 /	DEF AT local marker floral increase	DEF AT
7600 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7750 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8290 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
8530 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
9070 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
9130 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
9760 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
10000 /	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
10690 /	POS AT Upper Miocene (Tortonian) Catinaster sp.	DEF AT
11380 /	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
11770 /	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
12040 /	DEF AT local marker floral increase	DEF AT
12143 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 798	Date of Summary: 08-SEP-1995	First Sample Examined: 0
Lease Number: G14654	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8751
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8751
API Well Number: 608174051200	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2720
Public Info Code: Y 18-MAY-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6341 / 6341	DEF AT sequence boundary	DEF AT
6342 / 6342	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8274 / 8274	DEF AT sequence boundary	DEF AT
8275 / 8275	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 807	Date of Summary: 01-APR-1999	First Sample Examined: 8020
Lease Number: G07963	Source of Paleo: OPERATOR	Borehole MD: 18231
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18170
API Well Number: 608174036200	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 5150 - 18231	Water Depth: 3013
Public Info Code: Y 30-DEC-1999	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>
8020 / 8012	DEF AT first sample examined	POS AT 4
8380 / 8369	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	POS AT 4
8590 / 8578	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
9010 / 8994	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9040 / 9024	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
9670 / 9651	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
9790 / 9771	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10570 /10550	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
11230 /11210	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
11890 /11868	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
12790 /12765	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
12820 /12795	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16180 /16122	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
16240 /16182	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
17980 /17920	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
18231 /18171	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 852	Date of Summary: 24-JUN-1991	First Sample Examined: 5540
Lease Number: G05870	Source of Paleo: OPERATOR	Borehole MD: 12102
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12093
API Well Number: 608174020700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 33
Paleo Report Num: 1 of 2	Sample Range: 5540 - 12020	Water Depth: 3530
Public Info Code: Y 11-JUL-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5540 / 5537	DEF AT first sample examined	DEF AT
6020 / 6017	POS AT Upper Pleistocene (Ionian) Helicosphaera inversa	DEF AT
6320 / 6317	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
7460 / 7457	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7550 / 7547	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7700 / 7697	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7820 / 7817	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7910 / 7907	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8510 / 8506	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8810 / 8805	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8900 / 8895	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9220 / 9214	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
9320 / 9314	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
10010 /10003	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11300 /11292	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11900 /11892	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
12020 /12011	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 852	Date of Summary: 05-MAR-1992	First Sample Examined: 5000
Lease Number: G05870	Source of Paleo: OPERATOR	Borehole MD: 12102
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12093
API Well Number: 608174020700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 33
Paleo Report Num: 2 of 2	Sample Range: 5000 - 12080	Water Depth: 3530
Public Info Code: Y 11-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5000 / 4997	DEF AT first sample examined	DEF AT 3
6890 / 6887	DEF AT - - - - -	DEF AT 4
7459 / 7456	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
7460 / 7457	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7910 / 7907	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
7940 / 7937	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8330 / 8326	DEF AT local marker planktic foram increase	DEF AT 5
8510 / 8506	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8840 / 8835	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8960 / 8954	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9470 / 9463	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
9620 / 9613	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
10010 /10003	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10700 /10693	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
10970 /10962	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
11300 /11292	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
11930 /11922	DEF AT gypsum	DEF AT 5
12050 /12041	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
12080 /12071	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 941	Date of Summary: 21-JUL-1991	First Sample Examined: 5490
Lease Number: G07980	Source of Paleo: OPERATOR	Borehole MD: 13782
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13248
API Well Number: 608174039700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 5490 - 13782	Water Depth: 3862
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5490 / 5490	DEF AT first sample examined	DEF AT
5491 / 5491	DEF AT Upper Pleistocene (Ionian) Emiliana huxleyi (base of acme)	DEF AT
6030 / 6030	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
6090 / 6090	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT
6600 / 6600	POS AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
7500 / 7500	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
8120 / 8120	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
8780 / 8780	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
9140 / 9140	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
9226 / 9226	DEF AT unconformity	DEF AT
9227 / 9227	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9228 / 9228	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9229 / 9229	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9230 / 9230	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
9260 / 9260	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
9288 / 9288	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9289 / 9289	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9290 / 9290	DEF AT Lower Pliocene (Zanclian) Discoaster variabilis	DEF AT
9560 / 9560	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
9709 / 9709	DEF AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	DEF AT
9710 / 9710	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
9800 / 9800	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 941	Date of Summary: 21-JUL-1991	First Sample Examined: 5490
Lease Number: G07980	Source of Paleo: OPERATOR	Borehole MD: 13782
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13248
API Well Number: 608174039700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 5490 - 13782	Water Depth: 3862
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /10000	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10250 /10250	DEF AT Lower Pliocene (Zanclian) Ceratolithus armatus	DEF AT
10280 /10280	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
10490 /10490	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10610 /10610	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
10640 /10640	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
11000 /10998	DEF AT reworked material	DEF AT
13782 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MC 985	Date of Summary: 15-JUL-1999	First Sample Examined: 5810
Lease Number: G09912	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8697
API Well Number: 608174083100	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5597 - 9110	Water Depth: 3990
Public Info Code: Y 26-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Rodan Prospect, company-integrated foram and nanno report derived from Thomas M Reilly and L R Reugger

MD / TVD	Paleo Top Description	Ecozone
5810 / 5810	DEF AT first sample examined	DEF AT 3
5870 / 5869	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 3
5929 / 5928	DEF AT reworked material	DEF AT 3
5930 / 5929	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 3
6020 / 6018	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 3
6140 / 6136	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
6649 / 6620	POS AT reworked material	DEF AT 4
6650 / 6621	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
7490 / 7345	DEF AT local marker planktic foram increase	DEF AT 4
8330 / 8051	POS IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF IN 3
8539 / 8224	POS AT reworked material	DEF AT 4
8540 / 8225	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
8930 / 8552	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
9100 / 8697	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 487	Date of Summary: 22-FEB-1991	First Sample Examined: 0
Lease Number: G07194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10899
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9991
API Well Number: 427034036800	Drilling Operator: ADOBE RESOURCES CORPORATION	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 28-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9985 / 9197	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 487	Date of Summary: 01-AUG-1989	First Sample Examined: 0
Lease Number: G07221	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10660
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9435
API Well Number: 427034037500	Drilling Operator: TXO PRODUCTION CORP	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 05-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 8742	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 518	Date of Summary: 26-MAY-1988	First Sample Examined: 0
Lease Number: G05169	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 427034031800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 165
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 01-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12940 /12934	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14110 /14102	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 519	Date of Summary: 15-JUN-1987	First Sample Examined: 7010
Lease Number: G06032	Source of Paleo: OPERATOR	Borehole MD: 16800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16786
API Well Number: 427034029400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4490 - 16790	Water Depth: 65
Public Info Code: Y 28-MAR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7009	DEF AT first sample examined	DEF AT 3
7040 / 7039	DEF AT -----	DEF AT 2
7430 / 7429	DEF AT -----	DEF AT 3
7460 / 7459	DEF AT -----	DEF AT 2
7520 / 7519	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8300 / 8299	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8780 / 8779	DEF AT -----	DEF AT 3
8900 / 8899	DEF AT -----	DEF AT 2
10190 /10189	DEF AT -----	DEF AT 3
10520 /10519	DEF AT -----	DEF AT 2
11030 /11029	DEF AT -----	DEF AT 3
11120 /11119	DEF AT -----	DEF AT 2
11450 /11448	DEF AT -----	DEF AT 3
11480 /11478	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
12080 /12078	DEF AT -----	DEF AT 2
12800 /12797	DEF AT -----	DEF AT 3
13280 /13275	DEF AT -----	DEF AT 2
13370 /13365	DEF AT -----	DEF AT 3
13460 /13455	DEF AT -----	DEF AT 2
14120 /14115	DEF AT -----	DEF AT 3
14270 /14265	DEF AT -----	DEF AT 2
14450 /14445	DEF AT -----	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 519	<b>Date of Summary:</b> 15-JUN-1987	<b>First Sample Examined:</b> 7010
<b>Lease Number:</b> G06032	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16800
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16786
<b>API Well Number:</b> 427034029400	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4490 - 16790	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 28-MAR-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14630 /14624	DEF AT -----	DEF AT 2
15170 /15162	DEF AT -----	DEF AT 3
15200 /15192	DEF AT -----	DEF AT 2
15380 /15371	DEF AT poor sample interval top	POS AT 2
16789 /16775	DEF AT poor sample interval bottom	POS AT 2
16790 /16776	DEF AT last sample examined	POS AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 527	Date of Summary: 01-NOV-1999	First Sample Examined: 0
Lease Number: G04137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12425
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10892
API Well Number: 427034016300	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 26-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5180 / 4625	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6110 / 5392	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8450 / 7264	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9020 / 7720	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 555	Date of Summary: 28-JUN-1983	First Sample Examined: 7000
Lease Number: G03079	Source of Paleo: OPERATOR	Borehole MD: 10410
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10108
API Well Number: 427034019200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 7000 - 9460	Water Depth: 75
Public Info Code: Y 07-FEB-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6766	DEF AT first sample examined	DEF AT 4
7001 / 6767	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
7090 / 6853	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7770 / 7516	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
8380 / 8111	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8890 / 8613	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
9460 / 9176	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 557	Date of Summary: 06-AUG-1987	First Sample Examined: 0
Lease Number: G04137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12897
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10009
API Well Number: 427034005900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 26-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6610 / 5256	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6880 / 5457	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8350 / 6554	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8530 / 6689	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
9130 / 7126	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9730 / 7550	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 567	Date of Summary: 26-MAY-1989	First Sample Examined: 0
Lease Number: G04700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11947
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10747
API Well Number: 427034026600	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 23-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6360 / 5398	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6480 / 5491	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7230 / 6116	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8130 / 6959	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
8490 / 7310	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9150 / 7962	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 567	Date of Summary: 04-APR-1989	First Sample Examined: 7710
Lease Number: G04700	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9250
API Well Number: 427034026700	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7710 - 9250	Water Depth: 84
Public Info Code: Y 23-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7710 / 7708	DEF AT first sample examined	DEF AT 3
7711 / 7709	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8010 / 8008	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	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-1994

End Date: 31-DEC-1999

Area Block: MI 567	Date of Summary: 14-JAN-1997	First Sample Examined: 0
Lease Number: G15714	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9265
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8732
API Well Number: 427034049900	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 09-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5210 / 5209	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5510 / 5509	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6280 / 6278	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7300 / 7255	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7830 / 7698	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 568	Date of Summary: 21-JUN-1984	First Sample Examined: 9000
Lease Number: G04541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10458
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9481
API Well Number: 427034022301	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9060 / 8084	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 568	Date of Summary: 29-DEC-1988	First Sample Examined: 0
Lease Number: G04541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12788
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9510
API Well Number: 427034021000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 17-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 / 5010	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6830 / 5479	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7760 / 6103	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9020 / 6914	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
9200 / 7042	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12020 / 8965	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 587	Date of Summary: 31-OCT-1988	First Sample Examined: 0
Lease Number: G04996	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7555
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7555
API Well Number: 427034030100	Drilling Operator: MATAGORDA ISLAND DEVELOPMENT	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 02-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5550	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6230 / 6230	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 587  
Lease Number: G04996  
Well Name: A002  
API Well Number: 427034033200  
Paleo Report Num: 1 of 1  
Public Info Code: Y 10-SEP-1998

Date of Summary: 21-FEB-1997  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ANADARKO PETROLEUM CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 8180  
Borehole TVD: 7262  
Rkb Elevation: 121  
Water Depth: 88  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6070 / 5482	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6940 / 6208	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 588	Date of Summary: 04-FEB-1987	First Sample Examined: 0
Lease Number: G04997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11042
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10051
API Well Number: 427034029600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 27-JAN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5230 / 5225	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5500 / 5485	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6220 / 6140	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6940 / 6731	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
7420 / 7136	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
8230 / 7837	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9670 / 8962	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10630 / 9720	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 588	Date of Summary: 23-MAY-1999	First Sample Examined: 0
Lease Number: G04997	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11762
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11250
API Well Number: 427034030300	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 29-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5851	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6360 / 6188	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7500 / 7253	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7980 / 7695	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8180 / 7875	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10590 / 10097	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 588	Date of Summary: 18-JUL-1988	First Sample Examined: 4530
Lease Number: G04997	Source of Paleo: OPERATOR	Borehole MD: 10354
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10353
API Well Number: 427034032700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4530 - 10350	Water Depth: 86
Public Info Code: Y 14-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 / 4530	DEF AT first sample examined	DEF IN 2
4800 / 4800	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5550 / 5550	DEF AT - - - - -	DEF AT 3
5670 / 5670	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5790 / 5790	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6540 / 6539	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7470 / 7469	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7800 / 7799	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8220 / 8219	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9330 / 9329	DEF AT sample gap top	DEF AT
9420 / 9419	DEF AT sample gap bottom	DEF AT
9750 / 9749	DEF IN Lower Miocene (Aquitanean) Lenticulina jeffersonensis	DEF AT 4
10290 / 10289	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 4
10350 / 10349	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-1994

End Date: 31-DEC-1999

Area Block: MI 589	Date of Summary: 12-APR-1989	First Sample Examined: 0
Lease Number: G10196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9260
API Well Number: 427034035400	Drilling Operator: ENRON CORP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 05-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 / 5420	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6200 / 6200	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8150 / 8148	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 589	Date of Summary: 07-DEC-1989	First Sample Examined: 6900
Lease Number: G10196	Source of Paleo: OPERATOR	Borehole MD: 11171
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10137
API Well Number: 427034036000	Drilling Operator: ENRON CORP	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6900 - 10160	Water Depth: 83
Public Info Code: Y 02-DEC-1999	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6899	DEF AT first sample examined	DEF AT 4
7000 / 6999	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7360 / 7359	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7930 / 7929	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10160 / 10127	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 600	Date of Summary: 15-MAR-1991	First Sample Examined: 0
Lease Number: G11259	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12550
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12532
API Well Number: 427034042800	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4417 / 4417	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4720 / 4720	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
4916 / 4916	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5363 / 5363	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6438 / 6436	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
6699 / 6697	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9950 / 9942	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 602  
 Lease Number: G11261  
 Well Name: 001  
 API Well Number: 427034048600  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 16-APR-1995

Date of Summary: 09-FEB-1995  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: VASTAR RESOURCES INC.  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 13525  
 Borehole TVD: 13504  
 Rkb Elevation: 82  
 Water Depth: 80  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4770	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5520 / 5520	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6684 / 6684	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9240 / 9239	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 603	Date of Summary: 14-FEB-1990	First Sample Examined: 0
Lease Number: G10197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9350
API Well Number: 427034038500	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7690 / 7690	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 603	Date of Summary: 15-FEB-1990	First Sample Examined: 0
Lease Number: G10197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9366
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9121
API Well Number: 427034039300	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8088 / 7847	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 603	Date of Summary: 19-FEB-1990	First Sample Examined: 0
Lease Number: G10197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9020
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8956
API Well Number: 427034039701	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7774 / 7713	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 13-FEB-1990	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9115
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9114
API Well Number: 427034022400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 24-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4943 / 4943	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
5450 / 5450	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6090 / 6090	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6570 / 6569	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7680 / 7679	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
8190 / 8189	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
8940 / 8939	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 29-MAY-1985	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11590
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11585
API Well Number: 427034025800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 03-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 / 5660	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6680 / 6680	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7730 / 7729	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
8420 / 8419	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
9110 / 9109	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10960 / 10958	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 20-JUN-1985	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8185
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8185
API Well Number: 427034026200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 23-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6600	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7500 / 7500	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
8110 / 8110	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 05-SEP-1988	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10725
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8756
API Well Number: 427034027700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 30-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5270 / 5017	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5360 / 5081	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6090 / 5573	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7290 / 6374	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7680 / 6636	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8400 / 7119	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10530 / 8615	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604  
Lease Number: G06037  
Well Name: 006  
API Well Number: 427034033500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 10-OCT-1998

Date of Summary: 17-OCT-1988  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ODECO OIL & GAS COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9350  
Borehole TVD: 9348  
Rkb Elevation: 93  
Water Depth: 84  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 4320	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
4890 / 4890	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
5700 / 5700	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6450 / 6450	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
6510 / 6510	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7230 / 7229	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 06-FEB-2001	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9100
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9095
API Well Number: 427034034000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 10-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5060 / 5060	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5644 / 5643	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6160 / 6159	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
6490 / 6489	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
6700 / 6699	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7390 / 7388	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 09-DEC-1999	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9925
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9287
API Well Number: 427034037700	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 15-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 4350	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5370 / 5053	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
6180 / 5789	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6270 / 5871	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7050 / 6584	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8280 / 7715	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 604	Date of Summary: 26-JAN-2001	First Sample Examined: 0
Lease Number: G06037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9850
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9845
API Well Number: 427034036900	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 29-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 4590	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5370 / 5370	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
6180 / 6179	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6270 / 6269	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7050 / 7048	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8280 / 8277	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 605	Date of Summary: 12-DEC-1995	First Sample Examined: 0
Lease Number: G07199	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8505
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7462
API Well Number: 427034030000	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 29-MAR-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 4711	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
6270 / 5369	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6720 / 5759	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7470 / 6455	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8160 / 7124	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 605	Date of Summary: 29-SEP-1987	First Sample Examined: 0
Lease Number: G07199	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7582
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7019
API Well Number: 427034031100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 11-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 5905	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6830 / 6265	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7490 / 6925	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 605	Date of Summary: 14-JUN-1989	First Sample Examined: 0
Lease Number: G07200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8178
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 427034036200	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 24-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5780 / 5350	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6390 / 5887	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7010 / 6441	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7750 / 7113	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 605	Date of Summary: 12-APR-1989	First Sample Examined: 0
Lease Number: G07200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9050
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7166
API Well Number: 427034031200	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 18-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6160 / 4881	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
6640 / 5207	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7090 / 5536	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7900 / 6199	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8710 / 6908	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 605	Date of Summary: 28-AUG-1989	First Sample Examined: 0
Lease Number: G07200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7503
API Well Number: 427034034800	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 20-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
7500 / 5469	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7640 / 5566	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8400 / 6104	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9200 / 6669	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
10020 / 7232	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10400 / 7498	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 606	Date of Summary: 27-NOV-1995	First Sample Examined: 0
Lease Number: G07200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8653
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7236
API Well Number: 427034034300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 30-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5960 / 5066	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
6260 / 5298	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7460 / 6245	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8540 / 7142	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 617	Date of Summary: 05-DEC-1995	First Sample Examined: 0
Lease Number: G12436	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11086
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7949
API Well Number: 427034049200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 02-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 5507	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7700 / 6174	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10150 / 7456	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 618	Date of Summary: 16-AUG-1990	First Sample Examined: 4470
Lease Number: G07201	Source of Paleo: OPERATOR	Borehole MD: 7778
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7778
API Well Number: 427034039500	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1230 - 7710	Water Depth: 97
Public Info Code: Y 09-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 /	DEF AT first sample examined	DEF AT 1
4471 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4710 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4770 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1
4890 /	DEF AT -----	DEF AT 2
5430 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6570 /	DEF AT -----	DEF AT 3
6600 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7200 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7710 /	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-1994

End Date: 31-DEC-1999

Area Block: MI 618	Date of Summary: 01-AUG-1990	First Sample Examined: 7560
Lease Number: G07201	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7344
API Well Number: 427034039501	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7560 - 8880	Water Depth: 97
Public Info Code: Y 21-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 / 6534	DEF AT first sample examined	DEF AT 3
7920 / 6738	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8880 / 7332	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 619	Date of Summary: 15-MAR-1989	First Sample Examined: 3600
Lease Number: G03086	Source of Paleo: OPERATOR	Borehole MD: 8482
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8479
API Well Number: 427034034700	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3600 - 8450	Water Depth: 94
Public Info Code: Y 17-FEB-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF AT 1
4980 / 4979	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5130 / 5129	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
6540 / 6538	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7380 / 7377	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 1
8250 / 8247	DEF AT - - - - -	DEF IN 2
8450 / 8447	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 620	Date of Summary: 26-MAR-1998	First Sample Examined: 0
Lease Number: G03087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10626
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9004
API Well Number: 427034034600	Drilling Operator: ENRON CORP	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 21-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5505 / 5098	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6240 / 5652	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7805 / 6839	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8615 / 7436	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 620	Date of Summary: 30-NOV-1990	First Sample Examined: 0
Lease Number: G03087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9230
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 9229
API Well Number: 427034037100	Drilling Operator: ENRON CORP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 15-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6199	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 622	Date of Summary: 13-AUG-1986	First Sample Examined: 8490
Lease Number: G05000	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14294
API Well Number: 427034020500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5700 - 12300	Water Depth: 85
Public Info Code: Y 06-FEB-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8490 / 8490	DEF AT first sample examined	DEF AT 2
8880 / 8880	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
10110 /10109	DEF AT -----	DEF AT 4
11160 /11159	DEF AT Lower Miocene (Aquitania) Siphonina davis	DEF AT 4
11400 /11399	DEF AT -----	DEF IN 3
12000 /11999	DEF AT -----	DEF AT 2
12300 /12298	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 622	Date of Summary: 13-AUG-1986	First Sample Examined: 7000
Lease Number: G05000	Source of Paleo: OPERATOR	Borehole MD: 13761
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13761
API Well Number: 427034023200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 7000 - 13761	Water Depth: 84
Public Info Code: Y 25-AUG-1994	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	DEF AT 2
7001 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8560 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
10360 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
10660 /	DEF AT -----	DEF AT 2
13540 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
13690 /	DEF AT -----	DEF AT 4
13761 /	DEF AT last sample examined	DEF AT 4



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 623	Date of Summary: 04-APR-1985	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12975
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12617
API Well Number: 427034020300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 06-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 6044	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6804 / 6502	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7379 / 7051	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9994 / 9653	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 633	Date of Summary: 21-JAN-1986	First Sample Examined: 3000
Lease Number: G06042	Source of Paleo: OPERATOR	Borehole MD: 7600
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7600
API Well Number: 427034028100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7600	Water Depth: 75
Public Info Code: Y 17-FEB-1996	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
4170 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 2
6840 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 2
7290 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
7600 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 633	Date of Summary: 01-DEC-1988	First Sample Examined: 0
Lease Number: G06042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8246
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8242
API Well Number: 427034033600	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 25-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7398 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 634	Date of Summary: 08-MAR-1989	First Sample Examined: 4770
Lease Number: G07202	Source of Paleo: OPERATOR	Borehole MD: 13936
Well Name: F001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12267
API Well Number: 427034034200	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 4700 - 8770	Water Depth: 80
Public Info Code: Y 05-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4770	DEF AT first sample examined	DEF AT 2
4771 / 4771	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5800 / 5799	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6310 / 6309	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7690 / 7656	DEF AT - - - - -	DEF AT 3
7720 / 7684	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8020 / 7954	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8770 / 8555	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 634	Date of Summary: 08-MAR-1989	First Sample Examined: 8020
Lease Number: G07202	Source of Paleo: OPERATOR	Borehole MD: 13936
Well Name: F001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12267
API Well Number: 427034034200	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 83
Paleo Report Num: 2 of 3	Sample Range: 8020 - 11080	Water Depth: 80
Public Info Code: Y 05-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 7954	DEF AT first sample examined	DEF AT 3
8260 / 8159	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8980 / 8712	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11080 /10262	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 634  
Lease Number: G07202  
Well Name: F001  
API Well Number: 427034034200  
Paleo Report Num: 3 of 3  
Public Info Code: Y 05-APR-1999

Date of Summary: 08-MAR-1989  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: SANTA FE MINERALS INC  
Sample Range: 8740 - 13930  
Ecozone Eq MMS: Y

First Sample Examined: 8740  
Borehole MD: 13936  
Borehole TVD: 12267  
Rkb Elevation: 83  
Water Depth: 80  
Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8740 / 8533	DEF AT first sample examined	DEF AT 3
8830 / 8599	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12580 /11288	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
13930 /12262	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 634	Date of Summary: 22-NOV-1989	First Sample Examined: 4754
Lease Number: G07202	Source of Paleo: OPERATOR	Borehole MD: 10055
Well Name: F002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9887
API Well Number: 427034038700	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4754 - 10055	Water Depth: 81
Public Info Code: Y 21-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4754 / 4749	DEF AT first sample examined	DEF AT 2
4755 / 4750	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5810 / 5805	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6170 / 6165	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7640 / 7634	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
8420 / 8413	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9470 / 9421	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
10055 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 635	Date of Summary: 29-DEC-1988	First Sample Examined: 0
Lease Number: G06043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14318
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14318
API Well Number: 427034032900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 8000 - 13520	Water Depth: 70
Public Info Code: Y 18-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9050 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11270 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
13132 /	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 638	Date of Summary: 28-NOV-1989	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11550
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9395
API Well Number: 427034033800	Drilling Operator: ENRON CORP	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 21-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5400 / 5111	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6190 / 5662	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7870 / 6829	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8720 / 7422	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 638	Date of Summary: 10-NOV-1993	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11418
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8988
API Well Number: 427034035500	Drilling Operator: ENRON CORP	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 10-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5100	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6460 / 5658	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8200 / 6877	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9070 / 7482	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 638	Date of Summary: 29-APR-1996	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10250
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9247
API Well Number: 427034036600	Drilling Operator: ENRON CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 09-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5605 / 5147	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6254 / 5702	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7709 / 6965	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8370 / 7549	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 638	Date of Summary: 01-OCT-1997	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9973
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427034032600	Drilling Operator: ENRON CORP	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 18-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 / 5837	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8530 / 6906	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 638	Date of Summary: 10-JUN-1989	First Sample Examined: 0
Lease Number: G08996	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10224
API Well Number: 427034037000	Drilling Operator: ENRON CORP	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 101
Public Info Code: Y 21-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 5161	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6135 / 5742	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8175 / 7602	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 640	Date of Summary: 15-AUG-1990	First Sample Examined: 0
Lease Number: G11263	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9199
API Well Number: 427034042200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5800	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6340 / 6340	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8500 / 8499	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 641  
 Lease Number: G11264  
 Well Name: 001  
 API Well Number: 427034042400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-SEP-1994

Date of Summary: 21-AUG-1990  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: CORPUS CHRISTI OIL AND GAS CO  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 10705  
 Borehole TVD: 9564  
 Rkb Elevation: 94  
 Water Depth: 115  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 / 4900	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6900 / 6765	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 650  
Lease Number: G08998  
Well Name: 004  
API Well Number: 427034046400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 07-MAR-1999

Date of Summary: 28-OCT-1993  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: HOUSTON EXPLORATION COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9125  
Borehole TVD: 9125  
Rkb Elevation: 92  
Water Depth: 117  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6242 / 6241	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7285 / 7284	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 650	Date of Summary: 15-FEB-1989	First Sample Examined: 0
Lease Number: G08998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9009
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7550
API Well Number: 427034032100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 23-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8050 / 6856	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 650	Date of Summary: 27-APR-1989	First Sample Examined: 0
Lease Number: G08998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 427034035600	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 07-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7105 / 7105	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 650	Date of Summary: 31-JAN-1997	First Sample Examined: 0
Lease Number: G08998	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8140
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7744
API Well Number: 427034038900	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 07-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 5952	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7380 / 7027	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 651	Date of Summary: 01-OCT-1984	First Sample Examined: 0
Lease Number: G06045	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11149
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11036
API Well Number: 427034023600	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 19-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3400	POS AT Miocene	DEF AT
4000 / 4000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6600 / 6599	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7700 / 7699	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 651	<b>Date of Summary:</b> 14-APR-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06045	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11328
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10382
<b>API Well Number:</b> 427034035000	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 07-MAR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 6390	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7760 / 7416	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8790 / 8275	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 651	Date of Summary: 06-AUG-1990	First Sample Examined: 0
Lease Number: G06045	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10943
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10661
API Well Number: 427034035800	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 12-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6223 / 6062	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7195 / 7005	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8485 / 8258	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 651	Date of Summary: 19-JAN-1990	First Sample Examined: 0
Lease Number: G06045	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10710
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10480
API Well Number: 427034039000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 07-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6323 / 6202	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7634 / 7487	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 652	Date of Summary: 04-AUG-1997	First Sample Examined: 0
Lease Number: G06048	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13741
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10735
API Well Number: 427034050900	Drilling Operator: BARRETT RESOURCES CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 27-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5710 / 5696	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9450 / 8305	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 654	Date of Summary: 21-AUG-1984	First Sample Examined: 0
Lease Number: G04546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13008
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12979
API Well Number: 427034023300	Drilling Operator: OXY USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 30-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4870 / 4869	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6100 / 6097	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6550 / 6547	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10210 /10198	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 654	Date of Summary: 10-OCT-1995	First Sample Examined: 0
Lease Number: G04546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13095
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 12733
API Well Number: 427034031300	Drilling Operator: OXY USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 06-DEC-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5410 / 5264	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
7383 / 7093	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9552 / 9191	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10814 / 10452	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 654	Date of Summary: 02-FEB-1984	First Sample Examined: 4607
Lease Number: G04546	Source of Paleo: OPERATOR	Borehole MD: 14259
Well Name: H001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14245
API Well Number: 427034019700	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4607 - 14220	Water Depth: 85
Public Info Code: Y 08-FEB-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4607 / 4607	DEF AT first sample examined	DEF AT 1
4980 / 4980	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
5280 / 5280	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
6360 / 6360	DEF AT faunal change (no faunal increase)	DEF AT 2
6390 / 6390	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6900 / 6900	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7140 / 7140	DEF AT faunal change (no faunal increase)	DEF AT 1
7560 / 7560	DEF AT faunal change (no faunal increase)	DEF AT 2
7710 / 7710	DEF AT faunal change (no faunal increase)	DEF AT 1
10020 /10019	DEF AT faunal change (no faunal increase)	DEF AT 2
10050 /10049	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10890 /10887	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 2
11070 /11067	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
11430 /11427	DEF AT faunal change (no faunal increase)	DEF AT 1
14220 /14207	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 657	Date of Summary: 22-MAY-1984	First Sample Examined: 0
Lease Number: G04139	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5600
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5600
API Well Number: 427034021800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 05-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5305 /	DEF AT local marker benthic foram increase	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 667	Date of Summary: 02-NOV-1994	First Sample Examined: 4500
Lease Number: G11267	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13299
API Well Number: 427034048200	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 4500 - 13290	Water Depth: 90
Public Info Code: Y 29-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT 2
4890 / 4890	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5250 / 5250	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
5520 / 5520	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6240 / 6240	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6300 / 6300	DEF AT faunal change (no faunal increase)	DEF AT 3
6600 / 6600	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 3
8370 / 8370	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
10320 /10319	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10590 /10589	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
10950 /10949	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT 4
13290 /13289	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 667  
 Lease Number: G11267  
 Well Name: 001  
 API Well Number: 427034048201  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 29-SEP-1995

Date of Summary: 22-NOV-1994  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: SANTA FE MINERALS INC  
 Sample Range: 11085 - 13784  
 Ecozone Eq MMS: Y

First Sample Examined: 11085  
 Borehole MD: 13784  
 Borehole TVD: 13608  
 Rkb Elevation: 83  
 Water Depth: 90  
 Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11085 /11084	DEF AT first sample examined	DEF AT 3
11150 /11149	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
12110 /12085	DEF AT local marker benthic foram increase	DEF AT 3
12130 /12104	DEF AT sample gap top	DEF AT 3
13310 /13190	DEF AT sample gap bottom	DEF AT 3
13784 /13608	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 669	Date of Summary: 02-SEP-1994	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13822
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 12600
API Well Number: 427034022100	Drilling Operator: OXY USA INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 27-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5260 / 5248	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7136 / 6888	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10078 / 9392	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11104 / 10278	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 669	Date of Summary: 30-DEC-1985	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13911
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 12158
API Well Number: 427034021900	Drilling Operator: OXY USA INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 14-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10410 / 9147	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11633 /10198	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 669	Date of Summary: 29-NOV-1984	First Sample Examined: 0
Lease Number: G04065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13301
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 12625
API Well Number: 427034024200	Drilling Operator: OXY USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 14-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9756 / 9374	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10774 /10306	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 669	<b>Date of Summary:</b> 26-MAR-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04545	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13047
<b>Well Name:</b> E004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12872
<b>API Well Number:</b> 427034026500	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 18-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5186 / 5186	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6970 / 6933	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10100 / 9955	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11100 / 10927	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 670	Date of Summary: 26-FEB-1990	First Sample Examined: 0
Lease Number: G06048	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11154
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10172
API Well Number: 427034040300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 27-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6354 / 6069	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7765 / 7239	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10080 / 9232	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 670	Date of Summary: 19-AUG-1999	First Sample Examined: 0
Lease Number: G06048	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9795
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9786
API Well Number: 427034024000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 28-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5953 / 5947	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7151 / 7145	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 670	Date of Summary: 17-FEB-1990	First Sample Examined: 8140
Lease Number: G06048	Source of Paleo: OPERATOR	Borehole MD: 10622
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9999
API Well Number: 427034038300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 4000 - 10622	Water Depth: 114
Public Info Code: Y 27-FEB-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8140 / 7520	DEF AT first sample examined	DEF AT 2
8141 / 7521	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8890 / 8270	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9130 / 8509	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10090 / 9468	DEF AT - - - - -	DEF AT 1
10622 / 9999	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 672	<b>Date of Summary:</b> 02-AUG-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10198	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7850
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7850
<b>API Well Number:</b> 427034038600	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 126
<b>Public Info Code:</b> Y 19-OCT-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 / 5939	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7080 / 7079	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 672	Date of Summary: 24-JUL-1990	First Sample Examined: 0
Lease Number: G10198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8651
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7800
API Well Number: 427034039100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 04-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6534 / 5934	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7816 / 7064	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 672	Date of Summary: 07-AUG-1989	First Sample Examined: 0
Lease Number: G10198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12258
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11795
API Well Number: 427034036400	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 22-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5904 / 5903	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7006 / 6996	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 672	Date of Summary: 07-AUG-1989	First Sample Examined: 0
Lease Number: G10198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8890
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7989
API Well Number: 427034037300	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 15-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6605 / 5984	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7950 / 7162	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 672	Date of Summary: 05-SEP-1989	First Sample Examined: 0
Lease Number: G10198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8780
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 7841
API Well Number: 427034037600	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 29-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 5921	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7910 / 7070	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 672	Date of Summary: 19-JAN-1990	First Sample Examined: 0
Lease Number: G11268	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9445
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7815
API Well Number: 427034039400	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 24-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6857 / 5895	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8350 / 7074	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 672  
Lease Number: G11268  
Well Name: A002  
API Well Number: 427034039800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 11-DEC-1999

Date of Summary: 19-JAN-1990  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: HOUSTON EXPLORATION COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 10946  
Borehole TVD: 7968  
Rkb Elevation: 85  
Water Depth: 126  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7854 / 5958	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9650 / 7150	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 680	Date of Summary: 07-MAR-1997	First Sample Examined: 0
Lease Number: G13289	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 427034050500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 10-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 / 6360	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8797 / 8796	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11720 / 11718	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 682	Date of Summary: 25-APR-1984	First Sample Examined: 4790
Lease Number: G05171	Source of Paleo: OPERATOR	Borehole MD: 9210
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8586
API Well Number: 427034022500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4790 - 9210	Water Depth: 127
Public Info Code: Y 27-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5111 / 5111	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6190 / 6152	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7390 / 7217	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 682	Date of Summary: 04-DEC-1996	First Sample Examined: 0
Lease Number: G06048	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8375
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7750
API Well Number: 427034043000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 27-FEB-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7225	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 686	Date of Summary: 21-AUG-1984	First Sample Examined: 2675
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 14512
Well Name: 010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11279
API Well Number: 427034022900	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2675 - 14510	Water Depth: 93
Public Info Code: Y 20-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
2675 / 2675	DEF AT first sample examined	DEF AT 2
4730 / 4540	DEF AT sample gap top	POS AT 2
7739 / 6701	DEF AT sample gap bottom	DEF AT 2
7740 / 6702	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9540 / 8065	DEF AT -----	DEF AT 4
9670 / 8160	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
9820 / 8263	DEF AT -----	DEF AT 3
10930 / 8982	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11290 / 9196	DEF AT -----	DEF AT 3
11350 / 9231	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 3
14510 / 11278	DEF AT last sample examined	DEF AT 3



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 700	Date of Summary: 21-NOV-1984	First Sample Examined: 3983
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 13922
Well Name: 012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12144
API Well Number: 427034025000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3983 - 13880	Water Depth: 93
Public Info Code: Y 16-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3983 / 3534	DEF AT first sample examined	DEF AT 2
5170 / 4403	DEF AT - - - - -	DEF AT 3
5200 / 4426	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5650 / 4773	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7280 / 6105	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7820 / 6534	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9829 / 8276	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9830 / 8277	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
10720 / 9084	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11050 / 9380	DEF AT - - - - -	DEF AT 3
11230 / 9540	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
13880 / 12103	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 700	Date of Summary: 23-OCT-1984	First Sample Examined: 3360
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 14793
Well Name: C002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12602
API Well Number: 427034024100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3360 - 14120	Water Depth: 93
Public Info Code: Y 07-NOV-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3360 / 3170	DEF AT first sample examined	DEF AT 2
4970 / 4472	DEF AT -----	DEF AT 3
5060 / 4548	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5460 / 4888	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6870 / 6094	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7330 / 6481	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9570 / 8345	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
10470 / 9112	DEF AT -----	DEF AT 4
10530 / 9162	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10740 / 9337	DEF AT -----	DEF AT 3
10890 / 9462	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT 3
14120 / 12048	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 700	Date of Summary: 19-FEB-1981	First Sample Examined: 3260
Lease Number: G03466	Source of Paleo: OPERATOR	Borehole MD: 11506
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10986
API Well Number: 427034008300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3260 - 11506	Water Depth: 104
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3260 / 3195	DEF AT first sample examined	DEF AT 2
4590 / 4420	DEF AT charophytes	DEF AT 2
4800 / 4622	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5100 / 4911	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5101 / 4912	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6770 / 6503	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7190 / 6901	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7760 / 7435	DEF AT faunal change (no faunal increase)	DEF AT 2
9829 / 9403	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9830 / 9404	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
10250 / 9799	DEF AT faunal change (no faunal increase)	DEF AT 2
10760 /10282	DEF AT faunal change (no faunal increase)	DEF AT 3
10980 /10490	DEF AT Eggerella sp. (local marker)	DEF AT 3
11070 /10575	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 3
11230 /10726	DEF AT Lower Miocene (Aquitainian) Siphonina davis	DEF AT 3
11506 /10986	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 700	Date of Summary: 11-JAN-1991	First Sample Examined: 0
Lease Number: G03466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11165
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9978
API Well Number: 427034016201	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10190 / 9107	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 700	Date of Summary: 21-DEC-1995	First Sample Examined: 0
Lease Number: G13293	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10719
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 9592
API Well Number: 427034049400	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 30-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7155 / 6460	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8185 / 7357	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10330 / 9246	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 701	<b>Date of Summary:</b> 17-MAY-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04549	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10450
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10136
<b>API Well Number:</b> 427034011700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 118
<b>Public Info Code:</b> Y 23-APR-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5156 / 5117	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7068 / 6936	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9972 / 9680	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 701	Date of Summary: 09-MAY-1994	First Sample Examined: 0
Lease Number: G04549	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9828
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9724
API Well Number: 427034012800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 23-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7473	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8900 / 8797	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 701	<b>Date of Summary:</b> 17-MAY-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04549	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12758
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12453
<b>API Well Number:</b> 427034016900	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 118
<b>Public Info Code:</b> Y 23-APR-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 6399	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8900 / 8899	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10560 / 10499	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 701	Date of Summary: 22-JUL-1983	First Sample Examined: 0
Lease Number: G04549	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10826
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10160
API Well Number: 427034017800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 23-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7302 / 7089	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9843 / 9369	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 705	Date of Summary: 03-MAY-1988	First Sample Examined: 9000
Lease Number: G09001	Source of Paleo: OPERATOR	Borehole MD: 13445
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13183
API Well Number: 427034032000	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13148	Water Depth: 140
Public Info Code: Y 28-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8974	DEF AT first sample examined	DEF AT 3
9001 / 8975	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9960 / 9899	DEF AT - - - - -	DEF AT 4
10800 / 10711	DEF AT local marker (general)	DEF AT 4
12210 / 12057	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12900 / 12690	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13148 / 12916	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 710	Date of Summary: 05-MAR-1990	First Sample Examined: 3830
Lease Number: G10205	Source of Paleo: OPERATOR	Borehole MD: 10200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10198
API Well Number: 427034041600	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3830 - 10200	Water Depth: 148
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 /	DEF AT first sample examined	DEF IN 1
4550 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5480 /	DEF AT - - - - -	DEF AT 3
6050 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7010 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8000 /	DEF AT sample gap top	POS AT 3
8400 /	DEF AT sample gap bottom	DEF AT 3
8820 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9960 /	DEF AT - - - - -	DEF AT 4
10110 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
10200 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 710	Date of Summary: 13-JUL-1994	First Sample Examined: 0
Lease Number: G10205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14607
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11992
API Well Number: 427034047300	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5994	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7040 / 6918	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9530 / 8629	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10490 / 9282	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12260 / 10471	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 710	Date of Summary: 23-AUG-1994	First Sample Examined: 0
Lease Number: G10205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10700
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10699
API Well Number: 427034046300	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9140 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 710	Date of Summary: 06-SEP-1994	First Sample Examined: 0
Lease Number: G10205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11171
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10568
API Well Number: 427034047700	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9523 / 9160	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 710	Date of Summary: 11-MAY-1998	First Sample Examined: 0
Lease Number: G10205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9472
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8418
API Well Number: 427034048000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 143
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 6649	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7950 / 7012	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 712	Date of Summary: 06-MAY-1982	First Sample Examined: 0
Lease Number: G04550	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10379
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10379
API Well Number: 427034010200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 09-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5400 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6840 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7340 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7680 /	POS AT Lower (Early) Miocene	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MI 712	<b>Date of Summary:</b> 28-MAY-1982	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04550	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15200
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15200
<b>API Well Number:</b> 427034011300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 114
<b>Public Info Code:</b> Y 09-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7600	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10810 /10810	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
10930 /10929	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
11890 /11889	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 712	Date of Summary: 18-JAN-1983	First Sample Examined: 0
Lease Number: G04550	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10568
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10190
API Well Number: 427034014800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 09-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 / 4040	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4825 / 4803	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5400 / 5341	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6960 / 6802	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7500 / 7303	POS AT Lower (Early) Miocene	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 713	Date of Summary: 27-SEP-1984	First Sample Examined: 0
Lease Number: G03466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10291
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9825
API Well Number: 427034016800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9224 / 8791	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9862 / 9407	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 713	Date of Summary: 17-SEP-1981	First Sample Examined: 3800
Lease Number: G03466	Source of Paleo: OPERATOR	Borehole MD: 10680
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10680
API Well Number: 427034009800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3800 - 11900	Water Depth: 105
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 / 3800	DEF AT first sample examined	DEF AT 2
4490 / 4490	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4610 / 4610	DEF AT sample gap top	POS AT 3
5620 / 5620	DEF AT sample gap bottom	DEF AT 2
5800 / 5800	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6340 / 6340	DEF AT faunal change (no faunal increase)	DEF AT 4
6610 / 6610	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
6820 / 6820	DEF AT faunal change (no faunal increase)	DEF AT 3
7880 / 7880	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8720 / 8720	DEF AT faunal change (no faunal increase)	DEF AT 2
9380 / 9379	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
9710 / 9709	DEF AT faunal change (no faunal increase)	DEF AT 2
10320 /10319	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 3
10535 /10534	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT 3
11140 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11860 /	DEF AT local marker benthic foram increase	DEF AT 4
11900 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 713	Date of Summary: 17-NOV-1981	First Sample Examined: 900
Lease Number: G03466	Source of Paleo: OPERATOR	Borehole MD: 13179
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12728
API Well Number: 427034010300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 900 - 13179	Water Depth: 105
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	DEF AT 2
960 / 960	DEF AT faunal change (no faunal increase)	DEF AT 3
1400 / 1400	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4360 / 4347	DEF AT sample gap top	POS AT 2
4539 / 4521	DEF AT sample gap bottom	DEF AT 3
4540 / 4522	DEF AT local marker benthic foram increase	DEF AT 3
5380 / 5334	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5410 / 5363	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6070 / 6004	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6910 / 6813	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8200 / 8047	DEF AT faunal change (no faunal increase)	DEF AT 2
9580 / 9384	DEF AT faunal change (no faunal increase)	DEF AT 3
9670 / 9472	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
10790 / 10544	DEF AT faunal change (no faunal increase)	DEF AT 4
10819 / 10570	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10820 / 10571	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
11110 / 10835	DEF AT Lower Miocene (Aquitainian) Siphonina davisii	DEF AT 4
11480 / 11172	DEF AT faunal change (no faunal increase)	DEF AT 3
13179 / 12729	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 713	Date of Summary: 21-SEP-1984	First Sample Examined: 0
Lease Number: G03466	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10839
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 10029
API Well Number: 427034018000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9468 / 8775	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9890 / 9154	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI 713	Date of Summary: 14-JUL-1983	First Sample Examined: 2851
Lease Number: G03466	Source of Paleo: OPERATOR	Borehole MD: 12425
Well Name: B009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11843
API Well Number: 427034018600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2851 - 11350	Water Depth: 105
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2851 / 2814	DEF AT first sample examined	DEF AT 2
4731 / 4558	DEF AT faunal change (no faunal increase)	DEF AT 3
4914 / 4726	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5515 / 5276	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5810 / 5546	DEF AT faunal change (no faunal increase)	DEF AT 2
6609 / 6272	DEF AT faunal change (no faunal increase)	DEF AT 3
6759 / 6410	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7326 / 6932	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8200 / 7741	DEF AT faunal change (no faunal increase)	DEF AT 2
8740 / 8250	DEF AT faunal change (no faunal increase)	DEF AT 3
9190 / 8681	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
9490 / 8971	DEF AT sample gap top	DEF AT 4
9820 / 9291	DEF AT sample gap bottom	DEF AT 3
11110 /10553	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11350 /10787	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MI A 4	Date of Summary: 17-JUL-1984	First Sample Examined: 3050
Lease Number: G06059	Source of Paleo: OPERATOR	Borehole MD: 6018
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6018
API Well Number: 427034023400	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3050 - 5990	Water Depth: 186
Public Info Code: Y 10-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 /	DEF AT first sample examined	DEF AT 1
3260 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
3350 /	DEF AT local marker foram increase	DEF AT 2
3470 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
3860 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4040 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4070 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5120 /	DEF AT local marker foram increase	DEF AT 2
5270 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	POS AT 3
5450 /	DEF AT local marker foram increase	POS AT 3
5690 /	DEF AT local marker (general)	POS AT 3
5870 /	DEF AT local marker (general)	POS AT 3
5960 /	DEF AT - - - - -	DEF AT 2
5990 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 821	Date of Summary: 20-MAY-1986	First Sample Examined: 5000
Lease Number: G05058	Source of Paleo: OPERATOR	Borehole MD: 21878
Well Name: A001	Paleo Done By: REECE DE GRAFFENRIED	Borehole TVD: 21850
API Well Number: 608154002800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 5000 - 21830	Water Depth: 49
Public Info Code: Y 10-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT
5450 / 5450	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT
6440 / 6440	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
7820 / 7820	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT
8210 / 8210	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
9410 / 9410	POS AT Lower (Early) Cretaceous	DEF AT
9830 / 9830	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
12950 /12949	DEF AT Lower Cretaceous Trinity Group/Provincial Stage	DEF AT
14510 /14509	POS AT Lower Cretaceous Pearsall Formation	DEF AT
14960 /14959	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17090 /17088	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
21830 /21825	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 821	Date of Summary: 17-FEB-1992	First Sample Examined: 0
Lease Number: G05058	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 21878
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 21850
API Well Number: 608154002800	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 10-MAY-1996	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21607 /21602	DEF IN Jurassic Norphlet Formation	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 822	Date of Summary: 27-NOV-1985	First Sample Examined: 0
Lease Number: G05056	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 21995
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21899
API Well Number: 608154001600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 24-OCT-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6351 / 6351	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
14636 /14633	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17100 /17096	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
21687 /21678	DEF AT Jurassic Norphlet Formation	DEF AT
21993 /21982	DEF AT Jurassic Pine Hill Anhydrite Member	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 822	Date of Summary: 02-AUG-1988	First Sample Examined: 0
Lease Number: G05056	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22741
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 21753
API Well Number: 608154003900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 09-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3543 / 3543	POS IN Upper Oligocene (Chattian) Heterostegina texana	DEF AT
4294 / 4294	POS IN Upper Eocene Ocala Formation	DEF AT
6475 / 6475	POS AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
8676 / 8675	POS IN Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
10350 /10348	POS IN Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
11976 /11937	POS IN Lower Cretaceous Paluxy Formation	DEF AT
15156 /14775	POS IN Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17861 /17257	POS AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
22556 /21598	POS IN Jurassic Norphlet Formation	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MO 827	<b>Date of Summary:</b> 31-OCT-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05060	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 21793
<b>Well Name:</b> CB001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 21790
<b>API Well Number:</b> 608154003000	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 49
<b>Public Info Code:</b> Y 28-AUG-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20640 /20637	DEF AT Jurassic Smackover Formation	DEF AT 0
21567 /21561	DEF IN Jurassic Norphlet Formation	DEF AT 0
21816 /	DEF AT Jurassic Pine Hill Anhydrite Member	DEF AT 0

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 862	Date of Summary: 12-DEC-1988	First Sample Examined: 6800
Lease Number: G05063	Source of Paleo: OPERATOR	Borehole MD: 22087
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22087
API Well Number: 608154002900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 6800 - 22090	Water Depth: 50
Public Info Code: Y 20-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 17500=Knowles Limestone

MD / TVD	Paleo Top Description	Ecozone
6800 /	DEF AT first sample examined	DEF AT 3
7010 /	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT 3
7130 /	DEF AT Upper Cretaceous Campanian Stage	DEF AT 3
7430 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 3
7550 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 3
7610 /	DEF AT Upper Cretaceous Santonian Stage	DEF AT 3
8330 /	DEF IN Upper Cretaceous Santonian Stage	DEF AT 3
8450 /	DEF AT Upper Cretaceous Turonian Stage	DEF AT 2
8930 /	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT 2
10160 /	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT 1
10610 /	DEF AT Lower Cretaceous Albian Stage	DEF AT 2
10760 /	DEF IN Lower Cretaceous Albian Stage	DEF AT 1
14540 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 1
15650 /	DEF AT Lower Cretaceous Barremian Stage	DEF AT 1
17500 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
17600 /	DEF AT Lower Cretaceous Valanginian Stage	DEF AT 1
17780 /	DEF AT Lower Cretaceous Berriasian Stage	DEF AT 1
18100 /	POS AT Upper Jurassic Tithonian Stage	DEF AT 2
18440 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
20390 /	DEF AT Jurassic Haynesville Formation	DEF AT 1
20391 /	DEF AT Upper Jurassic Kimmeridgian Stage	DEF AT 1
20790 /	DEF AT Jurassic Smackover Formation	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 862	Date of Summary: 12-DEC-1988	First Sample Examined: 6800
Lease Number: G05063	Source of Paleo: OPERATOR	Borehole MD: 22087
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22087
API Well Number: 608154002900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 6800 - 22090	Water Depth: 50
Public Info Code: Y 20-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20791 /	DEF AT Upper Jurassic Oxfordian Stage	DEF AT 1
21090 /	DEF IN Jurassic Smackover Formation	DEF AT 1
21091 /	DEF IN Upper Jurassic Oxfordian Stage	DEF AT 1
22090 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 865	Date of Summary: 26-JUN-1989	First Sample Examined: 0
Lease Number: G06847	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3800
API Well Number: 608154006100	Drilling Operator: GOLDSTAR OPERATIONS	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 18-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: 1680=top of Pensacola Clay

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1680 / 1680	POS AT Miocene	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MO 867	<b>Date of Summary:</b> 13-NOV-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05066	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 22422
<b>Well Name:</b> BB001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 22420
<b>API Well Number:</b> 608154001100	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 25-AUG-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3400	DEF AT Cretaceous	DEF AT
10266 /10265	DEF AT Lower (Early) Cretaceous	DEF AT
21741 /21739	DEF AT Jurassic Norphlet Formation	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 868	Date of Summary: 10-APR-1986	First Sample Examined: 0
Lease Number: G05067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22488
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22435
API Well Number: 608154002600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 22-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20640 /20590	DEF AT Jurassic Smackover Formation	DEF AT 0
21260 /21208	DEF IN Jurassic Smackover Formation	DEF AT 0
21780 /21727	DEF AT Jurassic Norphlet Formation	DEF AT 0
22488 /22435	DEF AT Jurassic Louann Salt	DEF AT 0

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 869	Date of Summary: 03-JAN-1990	First Sample Examined: 0
Lease Number: G06848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22625
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21697
API Well Number: 608154005600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 21-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8800 / 8800	DEF AT Lower (Early) Cretaceous	DEF AT
13310 /13211	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
17358 /16841	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20590 /19755	DEF AT Jurassic Haynesville Formation	DEF AT
22301 /21379	DEF AT Jurassic Norphlet Formation	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MO 869	<b>Date of Summary:</b> 03-JAN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06848	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 22625
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 21697
<b>API Well Number:</b> 608154005600	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 47
<b>Public Info Code:</b> Y 21-SEP-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8800 / 8800	DEF AT Lower (Early) Cretaceous	DEF AT
13310 /13211	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
17358 /16841	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20590 /19755	DEF AT Jurassic Haynesville Formation	DEF AT
22450 /21526	DEF AT Jurassic Norphlet Formation	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 870	Date of Summary: 19-NOV-1987	First Sample Examined: 0
Lease Number: G05068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2863
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 2292
API Well Number: 608154004300	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 02-DEC-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2535 / 2068	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 870	Date of Summary: 26-MAR-1987	First Sample Examined: 0
Lease Number: G05068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2449
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 2449
API Well Number: 608154003500	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 08-APR-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1945 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 872	Date of Summary: 23-AUG-1988	First Sample Examined: 14010
Lease Number: G06850	Source of Paleo: OPERATOR	Borehole MD: 22803
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 22316
API Well Number: 608154005200	Drilling Operator: TEXACO INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 14010 - 22740	Water Depth: 37
Public Info Code: Y 23-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 14250=rare ?Barremian? Cytheridea 8

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14010 /13983	DEF AT first sample examined	DEF IN 1
14250 /14210	POS AT Lower Cretaceous Pine Island Formation	DEF IN 1
14490 /14435	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF IN 1
15030 /14931	DEF AT - - - - -	DEF AT 1
17730 /17395	POS AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT 1
20530 /20110	DEF AT Jurassic Haynesville Formation	DEF AT 1
21570 /21119	DEF AT Jurassic Smackover Formation	DEF AT 1
22500 /22021	DEF AT Jurassic Norphlet Formation	DEF AT 1
22740 /22253	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 904	Date of Summary: 17-FEB-1992	First Sample Examined: 0
Lease Number: G05749	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22396
API Well Number: 608154004100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 17-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12565 /12563	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 0
14432 /14429	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
15170 /15167	DEF AT Lower Cretaceous Pine Island Formation	DEF AT 0
15650 /15647	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
17450 /17447	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
22128 /22124	DEF AT Jurassic Norphlet Formation	DEF AT 0



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 914	Date of Summary: 07-JUN-1988	First Sample Examined: 0
Lease Number: G07846	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4611
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 2906
API Well Number: 608154003100	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 11-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3440 / 2251	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 914	Date of Summary: 01-DEC-1987	First Sample Examined: 0
Lease Number: G07846	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3762
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 2456
API Well Number: 608154004700	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 15-DEC-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3416 / 2278	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 914	Date of Summary: 14-DEC-1987	First Sample Examined: 0
Lease Number: G07846	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3747
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 2489
API Well Number: 608154004800	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 25-DEC-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3320 / 2256	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 952	Date of Summary: 09-JAN-1992	First Sample Examined: 0
Lease Number: G05755	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4270
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4270
API Well Number: 608154001000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 03-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
2025 / 2025	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
3648 / 3648	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
3949 / 3949	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MO 953	<b>Date of Summary:</b> 16-JAN-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05756	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 3620
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 3620
<b>API Well Number:</b> 608154001300	<b>Drilling Operator:</b> ODECO DRILLING INC	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 74
<b>Public Info Code:</b> Y 19-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Paleo determined by correlation with Mobile 952 well 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1935 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
2648 /	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 955	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G05757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4120
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4119
API Well Number: 608154001200	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 01-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1940 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
3287 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
3416 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
3676 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
4018 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MO 960	Date of Summary: 06-NOV-1987	First Sample Examined: 0
Lease Number: G05760	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3100
API Well Number: 608154004200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 20-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	POS AT Miocene	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 24-JAN-1985	First Sample Examined: 900
Lease Number: G04903	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9456
API Well Number: 177254040000	Drilling Operator: TEXACO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 900 - 10290	Water Depth: 42
Public Info Code: Y 16-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	DEF AT 1
950 / 950	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1400 / 1400	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1610 / 1608	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1670 / 1667	DEF AT faunal change (no faunal increase)	DEF AT 1
2630 / 2531	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
4800 / 4198	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 1
5490 / 4791	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
6270 / 5518	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
6360 / 5603	DEF AT glauconite	DEF AT 1
6570 / 5800	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 2
6600 / 5828	DEF AT faunal change (no faunal increase)	DEF AT 1
6720 / 5941	POS AT local marker benthic foram increase	DEF AT 1
7230 / 6423	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
7700 / 6877	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 2
7920 / 7091	DEF AT faunal change (no faunal increase)	DEF AT 1
8400 / 7563	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 1
8730 / 7890	DEF AT Eggerella sp. (local marker)	DEF AT 2
8880 / 8040	DEF AT faunal change (no faunal increase)	DEF AT 1
9420 / 8579	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 2
10200 / 9357	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10290 / 9447	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 08-JUN-1994	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8833
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7815
API Well Number: 177254051500	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 26-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 4746	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6500 / 5846	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
7940 / 7053	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 01-SEP-1994	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8833
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7815
API Well Number: 177254051500	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 116
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 26-JAN-1998	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 4998	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 07-JUN-1994	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8490
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7817
API Well Number: 177254051200	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 23-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5245 / 4779	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6565 / 5946	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7655 / 6988	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 29-JAN-1991	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9136
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7832
API Well Number: 177254051400	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 15-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5435 / 4816	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6990 / 6056	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8460 / 7263	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 24-SEP-1987	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6925
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4816
API Well Number: 177254051700	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 06-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2810 / 2554	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5730 / 4163	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
6800 / 4749	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 02-MAY-1997	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9137
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7401
API Well Number: 177254052000	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 23-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5675 / 4790	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7150 / 5921	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8675 / 7050	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 09-MAR-1988	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9328
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7477
API Well Number: 177254052500	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 26-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6625 / 4863	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7680 / 5852	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8920 / 7075	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 30	Date of Summary: 29-MAR-1988	First Sample Examined: 0
Lease Number: G04903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8555
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7481
API Well Number: 177254052700	Drilling Operator: TEXACO INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 27-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5410 / 4778	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6225 / 5478	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6800 / 5975	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8030 / 7031	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 59	Date of Summary: 23-FEB-1987	First Sample Examined: 0
Lease Number: G08461	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7563
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6763
API Well Number: 177254050600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 16-FEB-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5332 / 4783	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6600 / 5874	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7480 / 6662	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 62	Date of Summary: 12-FEB-1997	First Sample Examined: 3530
Lease Number: G13002	Source of Paleo: OPERATOR	Borehole MD: 19500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19494
API Well Number: 177254062000	Drilling Operator: ATOFINA PETROCHEMICALS INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 3530 - 19500	Water Depth: 75
Public Info Code: Y 21-MAY-1998	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 AT 2
4760 / 4760	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5720 / 5720	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6290 / 6290	DEF AT - - - - -	DEF AT 3
6740 / 6740	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7460 / 7460	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
7640 / 7640	DEF AT Eggerella 3 (local marker)	DEF AT 3
7670 / 7670	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9019 / 9019	DEF AT Eggerella sp. (local marker)	DEF AT 4
9020 / 9020	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9350 / 9349	DEF AT Eggerella sp. (local marker)	DEF AT 4
9500 / 9499	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11120 /11119	DEF AT local marker deep water fauna	DEF AT 5
11269 /11268	DEF AT Eggerella sp. (local marker)	DEF AT 5
11270 /11269	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11570 /11569	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
11600 /11599	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
12530 /12529	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
12740 /12739	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
13310 /13309	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
13340 /13339	DEF AT local marker deep water fauna	DEF AT 6
14270 /14269	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 62	Date of Summary: 12-FEB-1997	First Sample Examined: 3530
Lease Number: G13002	Source of Paleo: OPERATOR	Borehole MD: 19500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19494
API Well Number: 177254062000	Drilling Operator: ATOFINA PETROCHEMICALS INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 3530 - 19500	Water Depth: 75
Public Info Code: Y 21-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14390 /14389	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 7
14680 /14679	DEF AT local marker deep water fauna	DEF AT 7
16160 /16158	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 7
16580 /16578	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 7
17150 /17148	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 7
19400 /19394	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 7
19500 /19494	DEF AT last sample examined	DEF AT 7

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 62	Date of Summary: 12-FEB-1997	First Sample Examined: 15020
Lease Number: G13002	Source of Paleo: OPERATOR	Borehole MD: 19500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19494
API Well Number: 177254062000	Drilling Operator: ATOFINA PETROCHEMICALS INC	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 15020 - 19500	Water Depth: 75
Public Info Code: Y 21-MAY-1998	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15020 /15019	DEF AT first sample examined	DEF AT
15021 /15020	DEF IN Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
17540 /17538	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
19280 /19274	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
19354 /19348	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT
19355 /19349	DEF AT Lower Miocene (Aquitanian) Helicosphaera recta	DEF AT
19369 /19363	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
19370 /19364	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF AT
19500 /19494	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 65	Date of Summary: 23-JUL-1984	First Sample Examined: 0
Lease Number: G05692	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9941
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8804
API Well Number: 177254035300	Drilling Operator: TOTAL PETROLEUM INC	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 10-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8187 / 7351	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 65	Date of Summary: 23-JUL-1984	First Sample Examined: 0
Lease Number: G05692	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9320
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7694
API Well Number: 177254036200	Drilling Operator: TOTAL PETROLEUM INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 24-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8902 / 7343	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 95	Date of Summary: 01-APR-1987	First Sample Examined: 0
Lease Number: G05242	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9171
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7326
API Well Number: 177254050700	Drilling Operator: PELTO OIL COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 11-FEB-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7840 / 6392	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 97	Date of Summary: 30-AUG-1996	First Sample Examined: 1000
Lease Number: G13006	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17475
API Well Number: 177254060900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 1000 - 17575	Water Depth: 65
Public Info Code: Y 21-SEP-1996	Ecozone Eq MMS: N	Paleo ID: 001

Remark: Company-integrated foram and nanno report, 15480=Lower Aptian Nannoconus bucheri

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT
1660 / 1660	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2860 / 2860	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3700 / 3700	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4660 / 4660	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5620 / 5620	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6490 / 6490	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
8050 / 8049	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
11110 /11100	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11710 /11698	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
13030 /13016	DEF IN Oligocene	DEF AT
13390 /13375	DEF IN Eocene	DEF AT
13450 /13435	DEF IN Paleocene	DEF AT
13930 /13914	DEF IN Cretaceous	DEF AT
15100 /15081	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT
15430 /15409	DEF IN Lower Cretaceous Albian Stage	DEF AT
15480 /15459	POS AT Lower Cretaceous (Aptian) Nannoconus steinmanni	DEF AT
17575 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 98  
 Lease Number: G05694  
 Well Name: 004  
 API Well Number: 177254041400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 16-JAN-1995

Date of Summary: 11-FEB-1985  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: CORPUS CHRISTI OIL AND GAS CO  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 7651  
 Borehole TVD: 7086  
 Rkb Elevation: 79  
 Water Depth: 70  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 / 4376	POS AT Upper (Late) Miocene	DEF AT
4840 / 4786	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 98	Date of Summary: 27-JAN-1986	First Sample Examined: 0
Lease Number: G05694	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8715
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8360
API Well Number: 177254038600	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 03-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3076	POS AT Upper (Late) Miocene	DEF AT
4030 / 3683	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6530 / 6176	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7660 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 98	Date of Summary: 28-JAN-1986	First Sample Examined: 0
Lease Number: G05694	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7283
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6707
API Well Number: 177254040200	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 19-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3092	POS AT Upper (Late) Miocene	DEF AT
4200 / 3646	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5400 / 4825	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 98	Date of Summary: 21-NOV-1990	First Sample Examined: 0
Lease Number: G05694	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5422
API Well Number: 177254048600	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 18-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4725 / 3675	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 108  
Lease Number: G04832  
Well Name: A001  
API Well Number: 177254053800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 14-JAN-1999

Date of Summary: 04-SEP-1990  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: KERR-MCGEE CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 13500  
Borehole TVD: 13496  
Rkb Elevation: 128  
Water Depth: 69  
Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT -----	DEF AT 2
5600 /	DEF AT -----	DEF AT 3
5810 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6470 /	DEF AT -----	DEF AT 4
7970 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9530 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10550 /	DEF AT -----	DEF AT 5
12650 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
13010 /	DEF AT -----	DEF AT 6
13340 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 108	Date of Summary: 08-FEB-1991	First Sample Examined: 0
Lease Number: G04832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12200
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 12190
API Well Number: 177254048800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 29-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT -----	DEF AT 3
6750 / 6750	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7620 / 7619	DEF AT -----	DEF AT 4
8010 / 8009	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9180 / 9176	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10710 /10703	DEF AT -----	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 108	Date of Summary: 04-SEP-1990	First Sample Examined: 0
Lease Number: G04832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 11775
API Well Number: 177254044400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 01-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT -----	DEF AT 2
5780 / 5779	DEF AT -----	DEF AT 3
6440 / 6438	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
7970 / 7967	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9590 / 9579	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
11330 / 11307	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 124  
 Lease Number: G05697  
 Well Name: 002  
 API Well Number: 177254050300  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 27-JAN-1997

Date of Summary: 17-JUN-1988  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: MIDGARD ENERGY COMPANY  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 6720  
 Borehole TVD: 6720  
 Rkb Elevation: 84  
 Water Depth: 135  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2730 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 125	<b>Date of Summary:</b> 03-APR-1984	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G04913	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14376
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14376
<b>API Well Number:</b> 177254035100	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 6000 - 10050	<b>Water Depth:</b> 86
<b>Public Info Code:</b> Y 22-APR-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF IN 3
6210 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6960 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9180 /	DEF AT sample gap top	POS AT 4
9300 /	DEF AT sample gap bottom	DEF AT 4
9930 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10050 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 125	<b>Date of Summary:</b> 03-APR-1984	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G04913	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14376
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14376
<b>API Well Number:</b> 177254035100	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 86
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 6000 - 14370	<b>Water Depth:</b> 86
<b>Public Info Code:</b> Y 22-APR-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF IN 3
6210 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8610 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9930 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10770 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11670 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11880 /	DEF AT faunal change (no faunal increase)	DEF AT 6
13080 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
14370 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 129	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G04010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10170
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9280
API Well Number: 177254034600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 01-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 / 7750	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9690 / 8884	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 132	Date of Summary: 26-FEB-1996	First Sample Examined: 3030
Lease Number: G13652	Source of Paleo: OPERATOR	Borehole MD: 7995
Well Name: CC005	Paleo Done By: OPERATOR	Borehole TVD: 6750
API Well Number: 177254060300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 2490 - 7995	Water Depth: 182
Public Info Code: Y 31-AUG-1997	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>
3030 / 2733	DEF AT first sample examined	DEF AT 2
3031 / 2733	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4500 / 3777	DEF IN Upper Miocene (Messinian) Discoaster quinqueram us	DEF AT 2
6360 / 5214	DEF IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 2
6840 / 5647	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6900 / 5702	DEF AT -----	DEF AT 1
7200 / 5985	DEF AT -----	DEF AT 3
7920 / 6678	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 3
7995 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 138  
 Lease Number: G05699  
 Well Name: 002  
 API Well Number: 177254038900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 29-MAY-1995

Date of Summary: 27-SEP-1984  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: TRANSCO EXPLORATION COMPANY  
 Sample Range: 4260 - 10320  
 Ecozone Eq MMS:

First Sample Examined: 4260  
 Borehole MD: 10335  
 Borehole TVD: 8310  
 Rkb Elevation: 96  
 Water Depth: 130  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4260 / 3670	DEF AT first sample examined	DEF IN 2
4680 / 3961	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
6030 / 4954	DEF AT - - - - -	DEF AT 3
7230 / 5873	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8730 / 7051	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8910 / 7193	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9540 / 7692	DEF AT Bathysiphon fauna	DEF AT 3
10320 / 8301	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 138	<b>Date of Summary:</b> 17-JUL-1984	<b>First Sample Examined:</b> 3880
<b>Lease Number:</b> G16500	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10719
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8945
<b>API Well Number:</b> 177254037300	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3880 - 10718	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 29-MAY-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 / 3667	DEF AT first sample examined	DEF IN 3
4060 / 3811	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
6580 / 5723	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
7810 / 6677	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
8470 / 7186	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10630 / 8876	DEF AT poor sample interval top	POS AT 4
10717 / 8944	DEF AT poor sample interval bottom	DEF AT 4
10718 / 8945	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994  
 End Date: 31-DEC-1999

<b>Area Block:</b> MP 138	<b>Date of Summary:</b> 30-OCT-1984	<b>First Sample Examined:</b> 4300
<b>Lease Number:</b> G16500	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9900
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8349
<b>API Well Number:</b> 177254038901	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4300 - 9900	<b>Water Depth:</b> 158
<b>Public Info Code:</b> Y 29-MAY-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3705	DEF AT first sample examined	DEF IN 3
8260 / 6974	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
8500 / 7175	POS AT -----	DEF AT 4
9900 / 8359	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 153	Date of Summary: 09-JAN-1985	First Sample Examined: 12530
Lease Number: G01901	Source of Paleo: OPERATOR	Borehole MD: 15160
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13172
API Well Number: 177254039900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 12530 - 15140	Water Depth: 293
Public Info Code: Y 07-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12530 /10961	DEF AT first sample examined	DEF AT
14720 /12781	POS IN Upper (Late) Miocene	DEF AT
15140 /13155	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 159	Date of Summary: 29-DEC-1987	First Sample Examined: 0
Lease Number: G06813	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5023
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5023
API Well Number: 177244040900	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 11-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4600 / 4600	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 160	Date of Summary: 14-SEP-1984	First Sample Examined: 0
Lease Number: G05245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8710
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4162
API Well Number: 177244030900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 11-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 3870	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 160	Date of Summary: 09-JUL-1987	First Sample Examined: 0
Lease Number: G05245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6590
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6590
API Well Number: 177244038100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 109
Public Info Code: Y 18-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1715 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
3275 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3276 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5850 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6490 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 160  
Lease Number: G05245  
Well Name: 004  
API Well Number: 177244038600  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUL-1997

Date of Summary: 27-JUL-1987  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ODECO OIL & GAS COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 6590  
Borehole TVD: 6590  
Rkb Elevation: 91  
Water Depth: 114  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1720 /	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
3200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4180 /	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
5820 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 161	Date of Summary: 21-JUN-1984	First Sample Examined: 0
Lease Number: G05703	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6506
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6506
API Well Number: 177244029000	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 14-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	POS IN Upper Pleistocene	DEF AT
2350 / 2350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4000 / 4000	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4001 / 4001	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6000 / 6000	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 161	Date of Summary: 04-JAN-1988	First Sample Examined: 0
Lease Number: G05703	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2524
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 2524
API Well Number: 177244040600	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 20-DEC-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 163	<b>Date of Summary:</b> 09-FEB-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07809	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6390
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6390
<b>API Well Number:</b> 177244038300	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 108
<b>Public Info Code:</b> Y 01-JUL-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3448 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3449 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4384 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6138 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 165	Date of Summary: 24-FEB-1984	First Sample Examined: 0
Lease Number: G05705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177244028100	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 24-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1525 / 1525	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3325 / 3324	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4150 / 4149	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
4880 / 4879	DEF AT deepwater facies Listerella fauna	DEF AT
6500 / 6499	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 165	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G05705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177244028500	Drilling Operator: OXY USA INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 26-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1540 / 1540	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3430 / 3430	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
3431 / 3431	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4090 / 4090	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 165	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G05705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177244027500	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 03-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3370	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3790 / 3790	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4780 / 4780	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 166	Date of Summary: 19-MAR-1993	First Sample Examined: 0
Lease Number: G13012	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6890
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3795
API Well Number: 177244063200	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 30-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6425 / 3636	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 171	Date of Summary: 22-MAR-1994	First Sample Examined: 6480
Lease Number: G13017	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15998
API Well Number: 177244067600	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6480 - 16000	Water Depth: 150
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:** Calcareous nannofossil report, 15770=Middle Aptian Nannoconus vocontensis

MD / TVD	Paleo Top Description	Ecozone
6480 /	DEF AT first sample examined	DEF AT
6600 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
7830 /	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
8160 /	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
8220 /	DEF AT sample gap top	DEF AT
9990 /	DEF AT sample gap bottom	DEF AT
15740 /	DEF AT local marker floral increase	DEF AT
15770 /	POS AT Lower Cretaceous (Aptian) Nannoconus kamptneri	DEF AT
16000 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 180	Date of Summary: 20-JUL-1995	First Sample Examined: 0
Lease Number: G12091	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12914
API Well Number: 177244071100	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 05-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10002 /10001	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 183	Date of Summary: 20-JAN-1997	First Sample Examined: 4560
Lease Number: G13023	Source of Paleo: OPERATOR	Borehole MD: 12785
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12785
API Well Number: 177244073600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4560 - 11340	Water Depth: 162
Public Info Code: Y 20-AUG-1996	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
8190 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT
9870 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
11340 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 190	Date of Summary: 22-MAR-1994	First Sample Examined: 3500
Lease Number: G13655	Source of Paleo: OPERATOR	Borehole MD: 8798
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8798
API Well Number: 177244068200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3500 - 8790	Water Depth: 145
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT
3501 / 3501	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
4250 / 4250	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
4670 / 4670	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
4940 / 4940	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
6200 / 6200	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
7410 / 7409	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
7440 / 7439	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
7530 / 7529	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
8310 / 8309	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
8520 / 8518	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
8550 / 8548	POS IN Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
8790 / 8788	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 190	Date of Summary: 23-MAR-1994	First Sample Examined: 3500
Lease Number: G13655	Source of Paleo: OPERATOR	Borehole MD: 8798
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8798
API Well Number: 177244068200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 3500 - 8790	Water Depth: 145
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 2
3590 / 3590	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4220 / 4220	DEF AT - - - - -	DEF AT 3
4250 / 4250	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4280 / 4280	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
4580 / 4580	DEF AT - - - - -	DEF AT 4
6230 / 6230	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
6980 / 6979	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
7410 / 7409	DEF AT - - - - -	DEF AT 5
7500 / 7499	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
7530 / 7529	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
7710 / 7709	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
8459 / 8458	POS AT reworked material	DEF AT 5
8460 / 8459	DEF AT Lower Miocene (Aquitaniian) Globorotalia kugleri	DEF AT 5
8520 / 8518	POS AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 5
8550 / 8548	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 5
8580 / 8578	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
8790 / 8788	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 195	Date of Summary: 11-MAR-1996	First Sample Examined: 0
Lease Number: G14578	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6200
API Well Number: 177244072500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 31-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4393 / 4393	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4990 / 4990	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5230 / 5230	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5860 / 5860	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 196	Date of Summary: 07-OCT-1994	First Sample Examined: 0
Lease Number: G13655	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9522
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8671
API Well Number: 177244069400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 31-AUG-1997	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>
2650 / 2644	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
2830 / 2818	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4750 / 4558	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
5310 / 5067	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
7120 / 6652	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7990 / 7403	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
8590 / 7891	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8860 / 8116	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8980 / 8217	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (increase)	DEF AT
9160 / 8368	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
9190 / 8393	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 196	Date of Summary: 03-JAN-1994	First Sample Examined: 3530
Lease Number: G13658	Source of Paleo: OPERATOR	Borehole MD: 9288
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9288
API Well Number: 177244067100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 125
Paleo Report Num: 1 of 2	Sample Range: 3530 - 9288	Water Depth: 145
Public Info Code: Y 13-AUG-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3530	DEF AT first sample examined	DEF AT
4250 / 4250	POS IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4520 / 4520	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
4670 / 4670	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
4850 / 4850	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
5270 / 5270	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
5540 / 5540	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
6410 / 6410	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
7550 / 7550	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
8180 / 8180	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
8450 / 8450	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
9230 / 9230	DEF AT Lower Miocene (Burdigalian) Discoaster trinidadensis (increase)	DEF AT
9288 / 9288	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 196	Date of Summary: 04-JAN-1994	First Sample Examined: 3530
Lease Number: G13658	Source of Paleo: OPERATOR	Borehole MD: 9288
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9288
API Well Number: 177244067100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 125
Paleo Report Num: 2 of 2	Sample Range: 3530 - 9288	Water Depth: 145
Public Info Code: Y 13-AUG-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 2
4520 / 4520	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4550 / 4550	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
4640 / 4640	DEF AT -----	DEF AT 4
4670 / 4670	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
4760 / 4760	DEF AT -----	DEF AT 6
4820 / 4820	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
4880 / 4880	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
5060 / 5060	DEF AT -----	DEF AT 4
5390 / 5390	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
6710 / 6710	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
7250 / 7250	DEF AT -----	DEF AT 5
7400 / 7400	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
7460 / 7460	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
8120 / 8120	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
8240 / 8240	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
8390 / 8390	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 5
8450 / 8450	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
9259 / 9259	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 5
9260 / 9260	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
9287 / 9287	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
9288 / 9288	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 196	Date of Summary: 03-MAY-1995	First Sample Examined: 3540
Lease Number: G13658	Source of Paleo: OPERATOR	Borehole MD: 8920
Well Name: 002	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 8920
API Well Number: 177244070600	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3540 - 8920	Water Depth: 140
Public Info Code: Y 13-AUG-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 /	DEF AT first sample examined	DEF AT 2
3541 /	POS IN Upper Miocene (Messinian) Bolivina denticulata	DEF AT 2
3600 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3780 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
3840 /	DEF AT reworked material	DEF AT 3
3900 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4260 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
4500 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
4650 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
4740 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
4830 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
4950 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
5160 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
5490 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
5940 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
6450 /	DEF AT local marker benthic foram increase	DEF AT 4
6600 /	DEF AT local marker deep water fauna	DEF AT 4
6900 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
7490 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
7520 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
7550 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7610 /	DEF AT faunal change (no faunal increase)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 196	Date of Summary: 03-MAY-1995	First Sample Examined: 3540
Lease Number: G13658	Source of Paleo: OPERATOR	Borehole MD: 8920
Well Name: 002	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 8920
API Well Number: 177244070600	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3540 - 8920	Water Depth: 140
Public Info Code: Y 13-AUG-1997	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7670 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7790 /	DEF AT - - - - -	DEF AT 4
7970 /	POS AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 4
8030 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8090 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8150 /	DEF AT limestone	DEF AT 5
8270 /	DEF AT faunal change (no faunal increase)	DEF IN 4
8360 /	POS AT unconformity	DEF IN 4
8450 /	DEF AT local marker benthic foram increase	DEF AT 5
8570 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
8600 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
8630 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 5
8869 /	DEF AT foram flood	DEF AT 5
8870 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
8900 /	DEF AT foram flood	DEF AT 5
8920 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 210	Date of Summary: 10-OCT-1996	First Sample Examined: 7820
Lease Number: G13028	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 13000
API Well Number: 177244074200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7820 - 13000	Water Depth: 170
Public Info Code: Y 27-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
7820 /	DEF AT first sample examined	DEF AT 5
7821 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 5
7850 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 5
8150 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
8540 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
8690 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
8840 /	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus (consistent)	DEF AT 5
9710 /	DEF AT local marker foram increase	DEF IN 5
9950 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 5
10129 /	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF IN 5
10130 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 5
10640 /	DEF AT Arenaceous fauna (local marker)	DEF IN 5
12470 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
12530 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF IN 5
12560 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
12770 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 5
12860 /	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF IN 5
12890 /	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (increase)	DEF IN 5
12891 /	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF IN 5
12920 /	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 5
13000 /	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 218	Date of Summary: 03-MAY-1993	First Sample Examined: 0
Lease Number: G13029	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8618
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8099
API Well Number: 177244063901	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 31-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5454	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6280 / 5996	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7870 / 7419	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 227	Date of Summary: 11-MAR-1986	First Sample Examined: 0
Lease Number: G06825	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4515
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4515
API Well Number: 177244034800	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 193
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1320 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
2330 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
2390 /	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-1994

End Date: 31-DEC-1999

Area Block: MP 231	Date of Summary: 06-FEB-1996	First Sample Examined: 0
Lease Number: G14582	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11449
API Well Number: 177244071900	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 31-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6450	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
7600 / 7600	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9015 / 9015	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
10465 / 10464	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 234	Date of Summary: 01-DEC-1993	First Sample Examined: 0
Lease Number: G12100	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4624
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4624
API Well Number: 177244050800	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 24-FEB-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1380 / 1380	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
1890 / 1890	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4500 / 4500	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 239	<b>Date of Summary:</b> 13-JAN-1997	<b>First Sample Examined:</b> 9000
<b>Lease Number:</b> G16511	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14927
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14001
<b>API Well Number:</b> 177244076900	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4560 - 14927	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 28-AUG-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8535	DEF AT first sample examined	DEF IN 2
9001 / 8536	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF IN 2
9030 / 8563	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9810 / 9281	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
10530 / 9941	POS AT Upper Miocene (Tortonian) Uvigerina 3	POS IN 3
11430 /10774	POS AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF IN 2
11670 /10994	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT 3
11820 /11131	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
12300 /11565	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12720 /11945	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13020 /12220	DEF IN Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 4
14160 /13280	POS IN Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF IN 3
14927 /14000	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 243	<b>Date of Summary:</b> 26-SEP-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05726	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10025
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9503
<b>API Well Number:</b> 177244028000	<b>Drilling Operator:</b> OXY USA INC	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 192
<b>Public Info Code:</b> Y 14-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1720 / 1720	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2650 / 2650	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5920 / 5718	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
6580 / 6313	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
7870 / 7489	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
9340 / 8870	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 254	<b>Date of Summary:</b> 09-FEB-1988	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G05054	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10253
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8814
<b>API Well Number:</b> 177244040500	<b>Drilling Operator:</b> HUGHES-DENNY OFFSHORE EXPLORAT	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6000 - 10253	<b>Water Depth:</b> 280
<b>Public Info Code:</b> Y 23-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5293	DEF AT first sample examined	DEF IN 5
6001 / 5294	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
6060 / 5343	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 5
6120 / 5392	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
6180 / 5441	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6599 / 5782	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6600 / 5783	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
6750 / 5904	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
6780 / 5928	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
6869 / 5999	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
6870 / 6000	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
7080 / 6165	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 5
7230 / 6283	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 5
7290 / 6330	DEF AT local marker benthic foram increase	DEF IN 5
7320 / 6354	DEF AT Bathysiphon fauna	DEF IN 5
7350 / 6378	DEF AT local marker deep water fauna	DEF AT 6
7467 / 6469	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 6
7468 / 6470	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 6
7469 / 6471	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
7470 / 6472	DEF AT Eggerella 3 (local marker)	DEF AT 6
7500 / 6495	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
7648 / 6611	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 254	Date of Summary: 09-FEB-1988	First Sample Examined: 6000
Lease Number: G05054	Source of Paleo: OPERATOR	Borehole MD: 10253
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8814
API Well Number: 177244040500	Drilling Operator: HUGHES-DENNY OFFSHORE EXPLORAT	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 6000 - 10253	Water Depth: 280
Public Info Code: Y 23-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7649 / 6612	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
7650 / 6612	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
7830 / 6753	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
7860 / 6776	DEF AT pyrite	DEF AT 6
7978 / 6871	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
7979 / 6872	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
7980 / 6872	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
8010 / 6897	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
8070 / 6946	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
8129 / 6995	DEF AT Cyclamina cancellata (local marker)	DEF AT 6
8130 / 6996	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
8250 / 7096	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 6
8280 / 7121	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 6
8369 / 7197	DEF AT pyrite	DEF AT 6
8370 / 7198	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 6
8609 / 7404	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
8610 / 7404	DEF AT Upper Oligocene (Chattian) Globigerina sellii	DEF AT 5
8670 / 7456	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 5
8790 / 7561	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
8820 / 7587	DEF AT Lower Oligocene (Rupelian) Chiloguembelina cubensis	DEF AT 5
8910 / 7665	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 5
8970 / 7718	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 5
9000 / 7744	DEF AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 5
9480 / 8165	DEF AT Middle Eocene (Bartonian) Subbotina frontosa	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 254	Date of Summary: 09-FEB-1988	First Sample Examined: 6000
Lease Number: G05054	Source of Paleo: OPERATOR	Borehole MD: 10253
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8814
API Well Number: 177244040500	Drilling Operator: HUGHES-DENNY OFFSHORE EXPLORAT	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 6000 - 10253	Water Depth: 280
Public Info Code: Y 23-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9630 / 8293	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 5
9718 / 8366	DEF AT Lower Eocene (Ypresian) Morozovella rex/ subbotinae	DEF AT 5
9719 / 8367	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
9720 / 8368	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
9840 / 8468	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
9927 / 8540	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
9928 / 8541	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 5
9929 / 8542	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
9930 / 8543	DEF AT Upper Paleocene (Selandian) Globorotalia inconstans	DEF AT 5
10050 / 8643	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 5
10110 / 8694	POS AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF IN 2
10115 / 8698	DEF AT cement	DEF IN 1
10116 / 8699	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF IN 1
10200 / 8769	DEF AT drilling material	DEF IN 1
10253 / 8814	DEF AT last sample examined	DEF IN 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 254	Date of Summary: 08-FEB-1988	First Sample Examined: 6000
Lease Number: G05055	Source of Paleo: OPERATOR	Borehole MD: 8974
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8725
API Well Number: 177244040800	Drilling Operator: HUGHES-DENNY OFFSHORE EXPLORAT	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6000 - 8976	Water Depth: 280
Public Info Code: Y 23-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5827	DEF AT first sample examined	DEF AT 5
6001 / 5828	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
6002 / 5829	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
6240 / 6058	DEF AT Eggerella 3 (local marker)	DEF AT 5
6390 / 6202	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
6900 / 6693	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 5
7050 / 6839	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 5
7110 / 6897	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
7140 / 6926	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 5
7290 / 7071	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
7320 / 7100	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
7499 / 7274	DEF AT pyrite	DEF AT 5
7500 / 7275	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 5
7740 / 7508	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 5
7770 / 7538	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 5
7800 / 7567	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
7830 / 7596	DEF AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 5
7920 / 7684	DEF AT Lower Oligocene (Rupelian) Pseudohastigerina micra	DEF AT 5
7950 / 7713	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 5
7980 / 7742	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 5
8010 / 7772	DEF AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 5
8039 / 7800	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrookii	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 254  
 Lease Number: G05055  
 Well Name: A001  
 API Well Number: 177244040800  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 23-SEP-1994

Date of Summary: 08-FEB-1988  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: HUGHES-DENNY OFFSHORE EXPLORAT  
 Sample Range: 6000 - 8976  
 Ecozone Eq MMS: Y

First Sample Examined: 6000  
 Borehole MD: 8974  
 Borehole TVD: 8725  
 Rkb Elevation: 100  
 Water Depth: 280  
 Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8040 / 7801	DEF AT Middle Eocene (Bartonian) Truncorotaloides topilensis	DEF AT 5
8100 / 7860	DEF AT limestone	DEF AT 5
8310 / 8066	DEF AT Middle Eocene (Bartonian) Subbotina frontosa	DEF AT 5
8430 / 8184	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT 5
8518 / 8271	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 5
8519 / 8272	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
8520 / 8273	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
8669 / 8421	DEF AT Bathysiphon fauna	DEF AT 5
8670 / 8422	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
8728 / 8479	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
8729 / 8480	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 5
8730 / 8481	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
8874 / 8624	DEF AT limestone	DEF IN 2
8875 / 8625	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF IN 2
8900 / 8650	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF IN 1
8976 /	DEF AT last sample examined	DEF IN 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 256	Date of Summary: 31-JAN-1991	First Sample Examined: 3500
Lease Number: G10905	Source of Paleo: OPERATOR	Borehole MD: 9884
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9884
API Well Number: 177244050300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9884	Water Depth: 350
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3476	DEF AT first sample examined	DEF IN 4
3501 / 3477	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
3680 / 3655	DEF AT -----	DEF AT 5
4400 / 4354	DEF AT -----	DEF AT 6
4580 / 4532	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
4640 / 4591	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
7670 / 7560	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
8180 / 8063	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
8870 / 8715	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
8990 / 8836	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
9080 / 8925	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
9884 / 9726	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 256	Date of Summary: 31-JAN-1991	First Sample Examined: 9250
Lease Number: G10905	Source of Paleo: OPERATOR	Borehole MD: 10250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9702
API Well Number: 177244050301	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3880 - 10250	Water Depth: 350
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9250 / 8754	DEF AT first sample examined	DEF AT 6
9251 / 8755	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
9490 / 8978	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
9520 / 9006	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
10250 / 9702	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 262	Date of Summary: 03-APR-1990	First Sample Examined: 970
Lease Number: G10906	Source of Paleo: OPERATOR	Borehole MD: 11505
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11081
API Well Number: 177244047500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 970 - 11505	Water Depth: 291
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
970 / 970	DEF AT first sample examined	DEF AT 3
1600 / 1600	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
1840 / 1840	DEF AT faunal change (no faunal increase)	DEF AT 2
2320 / 2320	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
2590 / 2590	DEF AT faunal change (no faunal increase)	DEF AT 3
3780 / 3780	DEF AT faunal change (no faunal increase)	DEF AT 4
4170 / 4170	DEF AT sample gap top	POS AT 4
4890 / 4890	DEF AT sample gap bottom	DEF AT 3
5399 / 5399	DEF AT Cyclammina sp. (local marker)	DEF AT 4
5400 / 5400	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
5570 / 5570	DEF AT faunal change (no faunal increase)	DEF AT 3
5850 / 5850	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
6000 / 6000	DEF AT faunal change (no faunal increase)	DEF AT 3
6330 / 6330	DEF AT faunal change (no faunal increase)	DEF AT 4
7469 / 7454	DEF AT deepwater facies Listerella fauna	DEF AT 5
7470 / 7455	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
8039 / 7985	DEF AT Bathysiphon fauna	DEF AT 5
8040 / 7986	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8430 / 8342	DEF AT faunal change (no faunal increase)	DEF AT 4
8700 / 8584	DEF AT faunal change (no faunal increase)	DEF AT 5
9219 / 9036	DEF AT Bathysiphon fauna	DEF AT 6
9220 / 9037	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 262	Date of Summary: 03-APR-1990	First Sample Examined: 970
Lease Number: G10906	Source of Paleo: OPERATOR	Borehole MD: 11505
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11081
API Well Number: 177244047500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 970 - 11505	Water Depth: 291
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10274 / 9965	DEF AT faunal change (no faunal increase)	DEF AT 5
10400 /10078	DEF AT faunal change (no faunal increase)	DEF AT 4
10793 /10433	DEF AT faunal change (no faunal increase)	DEF AT 6
10875 /10508	DEF AT Bathysiphon fauna	DEF AT 6
10876 /10509	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 6
11136 /10745	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
11271 /10868	DEF AT faunal change (no faunal increase)	DEF AT 5
11505 /11080	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 262	Date of Summary: 20-DEC-2000	First Sample Examined: 0
Lease Number: G15390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4060
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2782
API Well Number: 177244076100	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 16-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2968 / 2691	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 262	Date of Summary: 24-MAR-2000	First Sample Examined: 0
Lease Number: G15390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5951
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 2967
API Well Number: 177244072101	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 16-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3355 / 2962	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 262	Date of Summary: 24-MAR-2000	First Sample Examined: 0
Lease Number: G15390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5665
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 3289
API Well Number: 177244072201	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 16-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 2689	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 262	Date of Summary: 19-AUG-1998	First Sample Examined: 0
Lease Number: G15390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14889
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13501
API Well Number: 177244082000	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 16-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2970 / 2970	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 273	Date of Summary: 23-DEC-1986	First Sample Examined: 3530
Lease Number: G04918	Source of Paleo: OPERATOR	Borehole MD: 7191
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7096
API Well Number: 177244036900	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3530 - 7191	Water Depth: 220
Public Info Code: Y 20-JAN-1997	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3493	DEF AT first sample examined	DEF IN 3
3531 / 3494	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
3830 / 3773	DEF AT pyrite	DEF IN 3
4460 / 4374	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 3
4520 / 4432	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4940 / 4846	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5840 / 5746	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
6440 / 6345	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7191 / 7096	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 273	Date of Summary: 13-JAN-1987	First Sample Examined: 4123
Lease Number: G04918	Source of Paleo: OPERATOR	Borehole MD: 8164
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6350
API Well Number: 177244037100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4123 - 8164	Water Depth: 220
Public Info Code: Y 08-FEB-1997	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4123 / 3809	DEF AT first sample examined	DEF IN 3
4190 / 3853	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
5630 / 4736	DEF AT local marker foram increase	DEF IN 3
8164 / 6350	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 286	Date of Summary: 15-JUN-1997	First Sample Examined: 0
Lease Number: G13663	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177244078500	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 292
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3850 / 3850	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 292	Date of Summary: 23-AUG-1994	First Sample Examined: 0
Lease Number: G10912	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15600
API Well Number: 177244068800	Drilling Operator: DAVIS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 04-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12468 /12466	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12570 /12568	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
13880 /13878	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
15290 /15287	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 292	Date of Summary: 06-JAN-1995	First Sample Examined: 0
Lease Number: G10912	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16285
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15602
API Well Number: 177244072900	Drilling Operator: DAVIS PETROLEUM CORP	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 04-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10495 /10459	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
12120 /11886	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
13060 /12723	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
15625 /15013	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 293	Date of Summary: 09-OCT-1984	First Sample Examined: 2000
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 9150
Well Name: A014	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7948
API Well Number: 177244031500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 2000 - 5480	Water Depth: 247
Public Info Code: Y 16-OCT-1994	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 AT 3
2001 / 2001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2090 / 2090	POS AT unconformity	POS AT 3
2240 / 2239	DEF AT faunal change (no faunal increase)	DEF AT 1
2480 / 2475	DEF AT non-marine sediment	DEF AT 0
2509 / 2503	POS AT unconformity	DEF AT 1
2510 / 2504	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
2540 / 2532	DEF AT faunal change (no faunal increase)	DEF AT 2
2541 / 2533	DEF AT faunal change (no faunal increase)	DEF AT 3
2630 / 2618	POS AT unconformity	DEF AT 1
2631 / 2619	DEF AT non-marine sediment	DEF AT 0
3230 / 3163	DEF AT non-marine sediment	DEF AT 0
3740 / 3582	DEF AT non-marine sediment	DEF AT 0
3770 / 3606	POS AT unconformity	DEF AT 1
3860 / 3678	DEF AT non-marine sediment	DEF AT 0
5330 / 4857	POS AT unconformity	DEF AT
5480 / 4974	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 293	Date of Summary: 09-OCT-1984	First Sample Examined: 5000
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 9150
Well Name: A014	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7948
API Well Number: 177244031500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5000 - 9140	Water Depth: 247
Public Info Code: Y 16-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4594	DEF AT first sample examined	DEF AT 1
5001 / 4595	POS IN Pliocene	DEF AT 1
6680 / 5899	DEF AT non-marine sediment	DEF AT 0
7750 / 6769	DEF AT non-marine sediment	DEF AT 0
7970 / 6954	DEF AT unconformity	DEF AT
8090 / 7055	DEF AT unconformity	DEF AT
8780 / 7638	DEF AT non-marine sediment	DEF AT 0
9140 / 7940	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 293	Date of Summary: 15-DEC-1984	First Sample Examined: 1950
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: A015	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7987
API Well Number: 177244032000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1950 - 8500	Water Depth: 247
Public Info Code: Y 12-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1950 / 1950	DEF AT first sample examined	DEF AT 2
1980 / 1980	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2040 / 2040	POS AT faunal change (no faunal increase)	DEF AT 3
2130 / 2130	DEF AT faunal change (no faunal increase)	DEF AT 2
2190 / 2190	DEF AT faunal change (no faunal increase)	DEF AT 1
2430 / 2430	DEF AT faunal change (no faunal increase)	DEF AT 2
2460 / 2460	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2520 / 2519	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
2550 / 2549	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2580 / 2579	POS AT unconformity	DEF AT 2
2940 / 2938	DEF AT faunal change (no faunal increase)	DEF AT 1
3030 / 3027	DEF AT faunal change (no faunal increase)	DEF AT 2
3150 / 3144	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
3180 / 3173	DEF AT reworked material	DEF AT 1
3810 / 3761	POS AT reworked material	DEF AT 2
3870 / 3815	DEF AT faunal change (no faunal increase)	DEF AT 1
4140 / 4056	DEF AT faunal change (no faunal increase)	DEF AT 2
4170 / 4083	DEF AT reworked material	DEF AT 2
4350 / 4243	DEF AT faunal change (no faunal increase)	DEF AT 1
5040 / 4857	DEF AT reworked material	DEF AT 1
5400 / 5175	POS AT faunal change (no faunal increase)	DEF AT 2
5460 / 5228	DEF AT faunal change (no faunal increase)	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 293	<b>Date of Summary:</b> 15-DEC-1984	<b>First Sample Examined:</b> 1950
<b>Lease Number:</b> G21712	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8500
<b>Well Name:</b> A015	<b>Paleo Done By:</b> PALEO CONTROL INC.	<b>Borehole TVD:</b> 7987
<b>API Well Number:</b> 177244032000	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1950 - 8500	<b>Water Depth:</b> 247
<b>Public Info Code:</b> Y 12-NOV-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5494	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5850 / 5574	POS AT unconformity	DEF AT 1
6090 / 5788	DEF AT faunal change (no faunal increase)	DEF AT 1
8500 / 7987	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 293	Date of Summary: 15-DEC-1984	First Sample Examined: 7990
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: A015	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7961
API Well Number: 177244032001	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 7990 - 8500	Water Depth: 247
Public Info Code: Y 20-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 7493	DEF AT first sample examined	DEF AT 1
8440 / 7906	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MP 297	<b>Date of Summary:</b> 25-MAR-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05730	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5817
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5378
<b>API Well Number:</b> 177244031800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 113
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 06-FEB-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4722	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 297	Date of Summary: 09-FEB-1995	First Sample Examined: 0
Lease Number: G05730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6317
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4954
API Well Number: 177244032600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 06-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 / 3486	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
6040 / 4772	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 297	Date of Summary: 09-FEB-1995	First Sample Examined: 0
Lease Number: G05730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6893
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5392
API Well Number: 177244031900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 06-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6113 / 4741	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 297	Date of Summary: 07-JUL-1984	First Sample Examined: 0
Lease Number: G05730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8585
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4401
API Well Number: 177244032400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 06-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 3484	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-1994

End Date: 31-DEC-1999

Area Block: MP 297	Date of Summary: 24-JAN-1985	First Sample Examined: 0
Lease Number: G05730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10221
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6268
API Well Number: 177244033200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 06-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7660 / 4654	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 299	Date of Summary: 14-FEB-1990	First Sample Examined: 530
Lease Number: G01316	Source of Paleo: OPERATOR	Borehole MD: 1910
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 1910
API Well Number: 177244047300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 530 - 1910	Water Depth: 212
Public Info Code: Y 29-AUG-1999	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
590 / 590	DEF AT -----	DEF AT 2
1010 / 1010	DEF AT -----	DEF AT 1
1070 / 1070	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1250 / 1250	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
1310 / 1310	DEF AT -----	DEF AT 2
1411 / 1411	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
1477 / 1477	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1550 / 1550	DEF AT local marker foram decrease	DEF AT
1910 / 1910	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 299	Date of Summary: 12-AUG-1993	First Sample Examined: 6670
Lease Number: G01316	Source of Paleo: OPERATOR	Borehole MD: 7650
Well Name: AA008	Paleo Done By: OPERATOR	Borehole TVD: 6719
API Well Number: 177244040300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 6670 - 9505	Water Depth: 205
Public Info Code: Y 07-NOV-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6670 / 6138	DEF AT first sample examined	DEF AT 2
6820 / 6270	DEF AT faunal change (no faunal increase)	DEF AT 1
6880 / 6322	DEF AT faunal change (no faunal increase)	DEF AT 2
7030 / 6454	DEF AT faunal change (no faunal increase)	DEF AT 3
7210 / 6612	DEF AT faunal change (no faunal increase)	DEF AT 2
8290 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8350 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8440 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8650 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8710 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8860 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8920 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9070 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9340 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9370 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
9430 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9505 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 306	Date of Summary: 22-JAN-1985	First Sample Examined: 3330
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 13941
Well Name: D021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13751
API Well Number: 177244021000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 3330 - 8730	Water Depth: 255
Public Info Code: Y 02-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3330 / 3330	DEF AT first sample examined	DEF IN 3
3331 / 3331	DEF AT poor sample interval top	DEF IN 3
3332 / 3332	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
4980 / 4953	DEF AT - - - - -	DEF AT 4
5160 / 5133	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
8190 / 8124	DEF AT poor sample interval bottom	DEF AT 4
8220 / 8154	DEF AT - - - - -	DEF AT 5
8280 / 8213	POS AT salt	POS AT 5
8730 / 8656	DEF AT last sample examined	POS AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 306	Date of Summary: 22-JAN-1985	First Sample Examined: 8720
Lease Number: G01677	Source of Paleo: OPERATOR	Borehole MD: 13941
Well Name: D021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13751
API Well Number: 177244021000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 8720 - 13930	Water Depth: 255
Public Info Code: Y 02-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
8720 / 8646	DEF AT first sample examined	DEF AT 5
9740 / 9602	DEF AT - - - - -	DEF AT 6
10400 /10235	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
13300 /13115	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
13810 /13621	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 6
13930 /13740	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 306  
 Lease Number: G01677  
 Well Name: D022  
 API Well Number: 177244021300  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 27-FEB-1995

Date of Summary: 04-FEB-1985  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: MARATHON PETROLEUM COMPANY  
 Sample Range: 3140 - 7300  
 Ecozone Eq MMS: Y

First Sample Examined: 3140  
 Borehole MD: 7300  
 Borehole TVD: 6800  
 Rkb Elevation: 92  
 Water Depth: 255  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 / 3002	DEF AT first sample examined	DEF IN 3
3380 / 3222	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
5240 / 4927	DEF AT - - - - -	DEF AT 4
5450 / 5124	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
7300 / 6866	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 306  
Lease Number: G13062  
Well Name: 001  
API Well Number: 177244074000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 07-OCT-1996

Date of Summary: 20-AUG-1996  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: VASTAR RESOURCES INC.  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 15535  
Borehole TVD: 12061  
Rkb Elevation: 95  
Water Depth: 300  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10890 / 8571	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
11695 / 9178	DEF AT deepwater facies Listerella fauna	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MP 309	Date of Summary: 14-FEB-1990	First Sample Examined: 1420
Lease Number: G08760	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177244047100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 1420 - 8000	Water Depth: 260
Public Info Code: Y 04-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1420 /	DEF AT first sample examined	DEF AT 3
2260 /	DEF AT -----	DEF AT 2
2349 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2350 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
2360 /	DEF AT -----	DEF AT 3
2440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2530 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2621 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
2650 /	DEF AT -----	DEF AT 2
3070 /	DEF AT -----	DEF AT 3
3130 /	DEF AT -----	DEF AT 2
3310 /	DEF AT -----	DEF AT 3
3580 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5710 /	DEF AT -----	DEF AT 2
6610 /	DEF AT -----	DEF AT 3
6940 /	DEF AT poor sample interval top	DEF AT
7389 /	DEF AT poor sample interval bottom	DEF AT
7390 /	DEF AT -----	DEF AT 3
7510 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
7600 /	DEF AT -----	DEF AT 3
7780 /	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-1994

End Date: 31-DEC-1999

Area Block: MP 313	Date of Summary: 23-JUL-1998	First Sample Examined: 16230
Lease Number: G21697	Source of Paleo: OPERATOR	Borehole MD: 21920
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 20746
API Well Number: 177244080100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 134
Paleo Report Num: 1 of 1	Sample Range: 16230 - 21920	Water Depth: 273
Public Info Code: Y 25-JAN-1999	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>
16230 /15564	DEF AT first sample examined	DEF AT 3
16231 /15565	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 3
16260 /15588	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
17100 /16308	DEF AT transported shelf fauna	POS AT 3
17310 /16486	DEF AT -----	DEF AT 4
17580 /16712	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
17820 /16913	DEF AT transported shelf fauna	POS AT 4
17990 /17054	DEF AT -----	DEF IN 2
18930 /17847	DEF AT -----	DEF IN 3
18990 /17899	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
19620 /18477	POS AT transported shelf fauna	POS IN 3
19980 /18825	DEF AT -----	DEF AT 3
20160 /19001	DEF AT -----	POS AT 3
20990 /19823	DEF AT -----	DEF AT 3
21300 /20131	DEF AT transported shelf fauna	POS AT 3
21479 /20309	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	POS AT 3
21480 /20310	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	POS AT 3
21570 /20399	DEF AT Middle Miocene (Serravallian) Cibicides opima	POS AT 3
21690 /20518	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
21810 /20638	DEF AT transported shelf fauna	POS AT 4
21920 /20747	DEF AT last sample examined	POS AT 4

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 GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 736	Date of Summary: 06-JAN-1995	First Sample Examined: 0
Lease Number: G11244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13080
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11020
API Well Number: 427124011000	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 157
Public Info Code: Y 23-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6451	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9500 / 8530	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 738	Date of Summary: 26-JUL-1990	First Sample Examined: 0
Lease Number: G11214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10096
API Well Number: 427024018200	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 5120	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5810 / 5810	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7550 / 7550	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 738	Date of Summary: 04-OCT-1994	First Sample Examined: 0
Lease Number: G11214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 427024023500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4853 / 4853	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5072 / 5072	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5745 / 5745	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 739	Date of Summary: 04-DEC-1984	First Sample Examined: 4450
Lease Number: G04064	Source of Paleo: OPERATOR	Borehole MD: 13272
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13269
API Well Number: 427024010300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4450 - 13270	Water Depth: 123
Public Info Code: Y 27-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 / 4450	DEF AT first sample examined	DEF IN 3
5240 / 5240	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 3
5450 / 5450	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
5720 / 5720	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 3
7100 / 7100	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 3
10480 /10479	DEF AT - - - - -	DEF AT 4
11230 /11229	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 4
13270 /13269	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994  
 End Date: 31-DEC-1999

<b>Area Block:</b> MU 739	<b>Date of Summary:</b> 30-OCT-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04064	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12629
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12102
<b>API Well Number:</b> 427024011400	<b>Drilling Operator:</b> EL PASO PRODUCTION COMPANY	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 123
<b>Public Info Code:</b> Y 06-MAY-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11200 /10749	DEF AT -----	DEF AT 3
11500 /11032	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 739	Date of Summary: 28-SEP-1995	First Sample Examined: 0
Lease Number: G04064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12629
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12102
API Well Number: 427024011400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 06-MAY-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6431 / 6306	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7265 / 7086	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10905 /10474	DEF AT -----	DEF AT 3
11330 /10870	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 739	Date of Summary: 05-SEP-1997	First Sample Examined: 0
Lease Number: G04064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12655
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12220
API Well Number: 427024013400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT - - - - -	DEF AT 3
5300 / 5300	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5740 / 5740	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6960 / 6904	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8700 / 8500	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11270 / 10908	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 739	Date of Summary: 28-SEP-1995	First Sample Examined: 0
Lease Number: G04064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12819
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12342
API Well Number: 427024013900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 01-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4297	DEF AT -----	DEF AT 2
5000 / 4759	DEF AT -----	DEF AT 3
5590 / 5296	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6670 / 6286	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7390 / 6962	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11080 /10626	DEF AT -----	DEF AT 4
11410 /10955	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 740	Date of Summary: 07-FEB-1987	First Sample Examined: 0
Lease Number: G05980	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13034
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 12603
API Well Number: 427024014300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 10-JAN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4892 / 4892	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5730 / 5730	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7107 / 7107	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11114 / 10963	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 751	Date of Summary: 19-APR-1991	First Sample Examined: 6000
Lease Number: G05983	Source of Paleo: OPERATOR	Borehole MD: 17300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14940
API Well Number: 427024019400	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 6000 - 17300	Water Depth: 80
Public Info Code: Y 30-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack reports 1 and 2

MD / TVD	Paleo Top Description	Ecozone
6000 / 5935	DEF AT first sample examined	DEF AT
6240 / 6167	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
7320 / 7253	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
7770 / 7677	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT
9330 / 9072	POS AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT
9720 / 9395	POS AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
10830 / 10237	POS AT Upper Oligocene (Chattian) Marginulina texana	DEF AT
17280 / 14858	DEF IN Upper Oligocene (Chattian) Marginulina texana	DEF AT
17300 / 14871	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 754	Date of Summary: 26-JAN-2000	First Sample Examined: 0
Lease Number: G05981	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8176
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 427024011800	Drilling Operator: FORCENERGY INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7280 / 6699	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU 754	<b>Date of Summary:</b> 19-MAR-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05985	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8468
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7532
<b>API Well Number:</b> 427024011600	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 93
<b>Public Info Code:</b> Y 10-MAR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7042 / 6306	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 754	Date of Summary: 25-JAN-1985	First Sample Examined: 0
Lease Number: G05985	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8019
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8018
API Well Number: 427024011300	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 05-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4240 / 4240	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6730 / 6730	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
7690 / 7690	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 755	Date of Summary: 02-AUG-1990	First Sample Examined: 0
Lease Number: G11215	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12286
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12286
API Well Number: 427024018700	Drilling Operator: DIAMOND SHAMROCK OFFSHORE PARTNERS	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11540 /11538	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU 756	<b>Date of Summary:</b> 16-AUG-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G14102	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15580
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15560
<b>API Well Number:</b> 427024024800	<b>Drilling Operator:</b> VASTAR RESOURCES INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 30-NOV-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** 12880=Lower Miocene (Aquitanian) Textularia panamensis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7167 / 7167	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10990 /10989	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
11710 /11708	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
12880 /12869	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
15460 /15441	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 757  
 Lease Number: G03020  
 Well Name: B003  
 API Well Number: 427024024900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 03-DEC-1998

Date of Summary: 01-AUG-1995  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: VASTAR RESOURCES INC.  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 11257  
 Borehole TVD: 9096  
 Rkb Elevation: 106  
 Water Depth: 142  
 Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 / 4805	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
5990 / 5352	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6782 / 5920	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8700 / 7282	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9034 / 7521	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 758	Date of Summary: 22-OCT-1996	First Sample Examined: 0
Lease Number: G03020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8866
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 427024025700	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 03-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 5227	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5777 / 5767	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7758 / 7391	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 758	Date of Summary: 30-JUN-1998	First Sample Examined: 0
Lease Number: G03020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427024026700	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 03-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4700	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5475 / 5475	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6113 / 6113	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8070 / 8070	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 781	Date of Summary: 06-AUG-1985	First Sample Examined: 0
Lease Number: G05993	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12536
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11612
API Well Number: 427024012100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 31-JUL-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4792 / 4555	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5630 / 5336	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6050 / 5727	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6620 / 6257	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7250 / 6838	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7430 / 7001	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
12260 / 11389	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 784	Date of Summary: 18-MAR-1992	First Sample Examined: 5870
Lease Number: G05996	Source of Paleo: OPERATOR	Borehole MD: 13660
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12467
API Well Number: 427024009600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 5800 - 13660	Water Depth: 180
Public Info Code: Y 29-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5870 / 5462	DEF AT first sample examined	DEF AT 1
6470 / 5995	DEF AT -----	DEF AT 2
6770 / 6261	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7730 / 7109	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7800 / 7171	DEF AT -----	DEF AT 1
9170 / 8412	DEF AT -----	DEF AT 2
13160 /12050	DEF AT -----	DEF AT 1
13550 /12376	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
13660 /12467	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 784	Date of Summary: 18-MAR-1992	First Sample Examined: 5000
Lease Number: G05996	Source of Paleo: OPERATOR	Borehole MD: 12650
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9995
API Well Number: 427024014700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12810	Water Depth: 184
Public Info Code: Y 16-NOV-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4303	DEF AT first sample examined	DEF AT 1
7600 / 6270	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
8470 / 6923	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
12810 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 785	Date of Summary: 15-AUG-1989	First Sample Examined: 0
Lease Number: G08975	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10300
API Well Number: 427024017100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 10-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5170	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6375 / 6375	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7650 / 7650	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 789	Date of Summary: 08-APR-1997	First Sample Examined: 0
Lease Number: G13761	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9214
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9209
API Well Number: 427024021100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 15-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4678 / 4676	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5208 / 5206	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
5968 / 5966	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
6188 / 6186	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 803	Date of Summary: 15-NOV-1995	First Sample Examined: 0
Lease Number: G12416	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8499
API Well Number: 427024025300	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 12-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5098 / 5098	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6218 / 6218	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
6450 / 6450	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 811	Date of Summary: 07-DEC-1993	First Sample Examined: 3560
Lease Number: G11226	Source of Paleo: OPERATOR	Borehole MD: 8183
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7776
API Well Number: 427024022000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3560 - 8180	Water Depth: 135
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3442	DEF AT first sample examined	DEF AT 2
4820 / 4607	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5030 / 4803	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5120 / 4887	DEF AT - - - - -	DEF AT 3
5300 / 5056	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6380 / 6072	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6650 / 6327	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
6740 / 6412	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8000 / 7602	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8180 / 7773	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 821	Date of Summary: 09-NOV-1993	First Sample Examined: 4500
Lease Number: G10153	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11998
API Well Number: 427024021800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4500 - 12000	Water Depth: 85
Public Info Code: Y 06-FEB-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 10740=Uvigerina canariensis

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT 2
7230 / 7230	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
7740 / 7740	DEF AT faunal change (no faunal increase)	DEF AT 3
8070 / 8070	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
8280 / 8280	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 3
8640 / 8640	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
9330 / 9330	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
9450 / 9450	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
9660 / 9660	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
9930 / 9929	DEF IN Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
10740 /10739	DEF AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 3
11640 /11638	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 3
11670 /11668	DEF AT Upper Oligocene (Chattian) Marginulina texana	DEF AT 3
12000 /11998	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 828	Date of Summary: 26-JUL-1985	First Sample Examined: 0
Lease Number: G03043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7548
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 7044
API Well Number: 427024012900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 20-JUL-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5589 / 5094	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6124 / 5625	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 828	Date of Summary: 26-SEP-1984	First Sample Examined: 0
Lease Number: G06004	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8438
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 8438
API Well Number: 427024010100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 166
Public Info Code: Y 23-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 / 5060	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5660 / 5660	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7138 / 7138	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 828	Date of Summary: 02-APR-1985	First Sample Examined: 0
Lease Number: G06004	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7204
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 6773
API Well Number: 427024011700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 01-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	POS AT Pleistocene	DEF AT
1300 / 1300	POS AT Pliocene	DEF AT
1630 / 1630	POS AT Upper (Late) Miocene	DEF AT
3500 / 3500	POS AT Middle Miocene	DEF AT
5125 / 5071	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5775 / 5630	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 828	Date of Summary: 24-APR-1985	First Sample Examined: 0
Lease Number: G06004	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 7761
API Well Number: 427024012200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 26-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2710 / 2520	POS AT Upper (Late) Miocene	DEF AT
3930 / 3489	POS AT Middle Miocene	DEF AT
6593 / 5651	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8343 / 7062	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 828	Date of Summary: 12-JUN-1985	First Sample Examined: 0
Lease Number: G06004	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 8057
API Well Number: 427024012500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 19-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5903 / 5266	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6445 / 5781	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7965 / 7274	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 828	Date of Summary: 23-DEC-1985	First Sample Examined: 0
Lease Number: G06004	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10700
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 8391
API Well Number: 427024013300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 06-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6375 / 5164	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7232 / 5778	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9448 / 7428	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 831	Date of Summary: 13-JUN-1986	First Sample Examined: 0
Lease Number: G03043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9429
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7936
API Well Number: 427024009900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 24-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5636 / 5093	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6523 / 5750	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8452 / 7215	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 833	Date of Summary: 27-SEP-1990	First Sample Examined: 1000
Lease Number: G10156	Source of Paleo: OPERATOR	Borehole MD: 7828
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7828
API Well Number: 427024019200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7828	Water Depth: 146
Public Info Code: Y 13-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
1150 / 1150	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
3490 / 3490	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 2
4450 / 4450	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
4660 / 4660	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 2
5110 / 5110	DEF AT faunal change (no faunal increase)	DEF AT 3
5290 / 5290	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7270 / 7269	DEF IN Lower Miocene (Aquitaniian) Siphonina davis	DEF AT 3
7630 / 7629	DEF AT Lower Miocene (Aquitaniian) Lenticulina hanseni	DEF AT 3
7828 / 7827	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 837	Date of Summary: 16-DEC-1994	First Sample Examined: 0
Lease Number: G11232	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15030
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15001
API Well Number: 427024023900	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 23-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7355 / 7354	DEF AT Lower Miocene (Aquitainian) Siphonina davis	DEF AT
9484 / 9483	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
11340 / 11337	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 847	Date of Summary: 18-APR-1985	First Sample Examined: 4530
Lease Number: G06010	Source of Paleo: OPERATOR	Borehole MD: 9534
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 7586
API Well Number: 427024011100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4530 - 9531	Water Depth: 120
Public Info Code: Y 01-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 / 3771	DEF AT first sample examined	DEF AT 1
4950 / 4087	DEF AT -----	DEF AT 2
5280 / 4338	DEF AT -----	DEF AT 1
5520 / 4520	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
7200 / 5781	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7740 / 6193	DEF AT non-marine sediment	DEF AT 1
8010 / 6402	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 1
8220 / 6564	DEF AT Lower Miocene (Aquitanean) Planulina palmerae	DEF AT 1
8430 / 6726	DEF AT Lower Miocene (Aquitanean) Lenticulina hanseni	DEF AT 1
9060 / 7215	DEF AT Lower Miocene (Aquitanean) Lenticulina jeffersonensis	DEF AT 1
9120 / 7262	DEF AT non-marine sediment	DEF AT 1
9300 / 7405	DEF AT -----	DEF AT 1
9531 / 7587	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU 847	<b>Date of Summary:</b> 29-APR-1984	<b>First Sample Examined:</b> 3900
<b>Lease Number:</b> G06011	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8043
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7912
<b>API Well Number:</b> 427024008400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3900 - 8040	<b>Water Depth:</b> 116
<b>Public Info Code:</b> Y 10-FEB-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT first sample examined	DEF AT 1
4080 / 4080	DEF AT -----	DEF AT 2
4410 / 4410	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4680 / 4680	DEF AT -----	DEF AT 1
4800 / 4800	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
5160 / 5160	DEF AT non-marine sediment	DEF AT 0
5550 / 5542	DEF AT -----	DEF AT 1
5670 / 5657	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
5730 / 5715	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
6330 / 6292	DEF AT non-marine sediment	DEF AT 0
6660 / 6609	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 1
6750 / 6696	DEF AT Lower Miocene (Aquitanean) Planulina palmerae	DEF AT 1
6840 / 6782	DEF AT -----	DEF AT 2
6930 / 6867	DEF AT -----	DEF AT 1
6990 / 6924	DEF AT Lower Miocene (Aquitanean) Lenticulina hanseni	DEF AT 1
7500 / 7405	DEF AT Lower Miocene (Aquitanean) Lenticulina jeffersonensis	DEF AT 1
7590 / 7490	DEF AT -----	DEF AT 2
7680 / 7575	DEF AT -----	DEF AT 1
8040 / 7910	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 849	Date of Summary: 17-DEC-1990	First Sample Examined: 4590
Lease Number: G11233	Source of Paleo: OPERATOR	Borehole MD: 11173
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8940
API Well Number: 427024019300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4590 - 11173	Water Depth: 163
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 4515	DEF AT first sample examined	DEF IN 2
4740 / 4652	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5730 / 5408	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6360 / 5798	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8070 / 6895	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10500 / 8506	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
11173 / 8940	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 868	Date of Summary: 22-MAR-1984	First Sample Examined: 6020
Lease Number: G06013	Source of Paleo: OPERATOR	Borehole MD: 8156
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8152
API Well Number: 427024008900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 4	Sample Range: 1070 - 7610	Water Depth: 120
Public Info Code: Y 13-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 6016	DEF AT first sample examined	DEF AT
6620 / 6616	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
6740 / 6736	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
7460 / 7456	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7580 / 7576	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
7610 / 7606	DEF AT last sample examined	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 868	Date of Summary: 27-JUN-1984	First Sample Examined: 4070
Lease Number: G06013	Source of Paleo: OPERATOR	Borehole MD: 8156
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8152
API Well Number: 427024008900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 2 of 4	Sample Range: 4070 - 8156	Water Depth: 120
Public Info Code: Y 13-JUN-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4070 / 4070	DEF AT first sample examined	DEF AT
4220 / 4219	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
4460 / 4459	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6950 / 6946	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7100 / 7096	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT
7430 / 7426	DEF AT Lower Miocene (Aquitanean) Lenticulina jeffersonensis	DEF AT
7560 / 7556	DEF AT Lower Miocene (Aquitanean) Lenticulina hanseni	DEF AT
7980 / 7976	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT
8130 / 8126	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
8156 / 8152	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 868	Date of Summary: 04-MAY-1989	First Sample Examined: 4720
Lease Number: G06014	Source of Paleo: OPERATOR	Borehole MD: 10038
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7901
API Well Number: 427024016800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4720 - 10038	Water Depth: 125
Public Info Code: Y 19-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4720 / 4011	DEF AT first sample examined	DEF AT 2
5410 / 4502	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 2
5500 / 4565	DEF AT - - - - -	DEF AT 1
6910 / 5573	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
7210 / 5786	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
8230 / 6523	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 1
8500 / 6723	DEF AT Lower Miocene (Aquitanean) Planulina palmerae	DEF AT 1
8830 / 6972	DEF AT Lower Miocene (Aquitanean) Lenticulina hanseni	DEF AT 1
9520 / 7499	DEF AT Lower Miocene (Aquitanean) Lenticulina jeffersonensis	DEF AT 2
10038 / 7893	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-1994

End Date: 31-DEC-1999

Area Block: MU 870	Date of Summary: 14-AUG-1991	First Sample Examined: 0
Lease Number: G11237	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8098
API Well Number: 427024019900	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 30-SEP-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4240 / 4234	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5050 / 5011	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5620 / 5530	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6550 / 6313	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7630 / 7171	DEF AT Lower Miocene (Aquitanean) Siphonina davis	DEF AT
8020 / 7482	DEF AT Lower Miocene (Aquitanean) Lenticulina hansen	DEF AT
8600 / 7945	DEF AT Lower Miocene (Aquitanean) Lenticulina jeffersonensis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU 876	Date of Summary: 01-JUN-1988	First Sample Examined: 0
Lease Number: G06015	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7740
API Well Number: 427024015400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 121
Public Info Code: Y 26-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4860 / 4444	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
5290 / 4809	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6230 / 5613	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
7300 / 6556	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
7730 / 6944	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
8280 / 7450	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 5	Date of Summary: 30-JUN-1994	First Sample Examined: 0
Lease Number: G14109	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10960
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10058
API Well Number: 427024022700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 24-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6303	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8120 / 7690	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9337 / 8729	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 10	Date of Summary: 16-DEC-1994	First Sample Examined: 0
Lease Number: G13763	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13668
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12600
API Well Number: 427024023400	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 30-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 6290	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7670 / 7620	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9170 / 8873	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
9500 / 9141	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9650 / 9265	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 21	Date of Summary: 20-JUL-1990	First Sample Examined: 0
Lease Number: G11241	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9248
API Well Number: 427024018400	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 31-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 6320	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7870 / 7869	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU A 22	<b>Date of Summary:</b> 22-JAN-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04536	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10854
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10847
<b>API Well Number:</b> 427024013500	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 204
<b>Public Info Code:</b> Y 02-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3895	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
4260 / 4255	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6970 / 6964	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8880 / 8874	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 22  
Lease Number: G04536  
Well Name: A002  
API Well Number: 427024015200  
Paleo Report Num: 1 of 1  
Public Info Code: Y 04-APR-1998

Date of Summary: 25-APR-1997  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TENNECO OIL COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9885  
Borehole TVD: 9478  
Rkb Elevation: 94  
Water Depth: 204  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7260 / 6956	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9210 / 8822	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU A 26	<b>Date of Summary:</b> 01-OCT-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13276	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6750
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6750
<b>API Well Number:</b> 427024021500	<b>Drilling Operator:</b> ORYX ENERGY COMPANY	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 290
<b>Public Info Code:</b> Y 21-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4234 / 4234	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5474 / 5474	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
6110 / 6110	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 31	Date of Summary: 09-APR-1985	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13856
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12790
API Well Number: 427024008300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 222
Public Info Code: Y 12-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6170 / 6166	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6750 / 6724	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8550 / 8394	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9730 / 9506	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11460 / 11018	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 31	Date of Summary: 11-NOV-1988	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13444
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12510
API Well Number: 427024011200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 29-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8985 / 8496	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 31	Date of Summary: 22-JAN-1986	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13160
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12379
API Well Number: 427024013200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 23-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8752 / 8246	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 31	Date of Summary: 22-JAN-1997	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12939
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 12333
API Well Number: 427024012400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 08-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10290 / 9955	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU A 31	<b>Date of Summary:</b> 06-MAY-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04537	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11992
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11182
<b>API Well Number:</b> 427024010400	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 209
<b>Public Info Code:</b> Y 16-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3340 / 3340	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4020 / 4020	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
4430 / 4430	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6990 / 6979	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8840 / 8526	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11210 /10541	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 31	Date of Summary: 06-AUG-1997	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12952
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 12018
API Well Number: 427024012600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 209
Public Info Code: Y 09-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7505 / 6970	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9350 / 8667	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11810 / 10939	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 85  
Lease Number: G03061  
Well Name: B001  
API Well Number: 427124008700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 17-JUN-1996

Date of Summary: 28-MAY-1986  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TXP OPERATING COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 13400  
Borehole TVD: 13246  
Rkb Elevation: 101  
Water Depth: 274  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7997	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8990 / 8983	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 85	Date of Summary: 29-DEC-1997	First Sample Examined: 0
Lease Number: G03061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11858
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 11706
API Well Number: 427124008900	Drilling Operator: HESS CORPORATION	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 19-JUL-1996	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10350 /10254	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 85	Date of Summary: 07-APR-1987	First Sample Examined: 0
Lease Number: G03061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16395
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 427124009000	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 274
Public Info Code: Y 13-OCT-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17650 /16838	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 85  
Lease Number: G03061  
Well Name: B005  
API Well Number: 427124007400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 01-SEP-1994

Date of Summary: 24-SEP-1984  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TXP OPERATING COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14310  
Borehole TVD: 14305  
Rkb Elevation: 94  
Water Depth: 274  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7010	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7400 / 7400	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10280 /10279	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14240 /14235	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 111	Date of Summary: 09-MAR-1984	First Sample Examined: 4450
Lease Number: G03068	Source of Paleo: OPERATOR	Borehole MD: 13935
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12988
API Well Number: 427124007000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4450 - 13900	Water Depth: 302
Public Info Code: Y 03-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4450 / 4406	DEF AT first sample examined	DEF AT 2
4750 / 4683	DEF AT -----	DEF AT 3
4780 / 4711	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6130 / 5946	DEF AT -----	DEF IN 3
7960 / 7578	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
8080 / 7686	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
8320 / 7902	DEF AT poor sample interval top	POS IN 3
10569 / 9917	DEF AT poor sample interval bottom	DEF IN 3
10570 / 9918	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
11500 /10748	DEF AT -----	DEF AT 4
12370 /11539	DEF AT -----	DEF AT 3
12520 /11676	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13330 /12412	DEF AT poor sample interval top	POS AT 3
13899 /12953	DEF AT poor sample interval bottom	POS AT 3
13900 /12954	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: MU A 121	Date of Summary: 08-MAY-2000	First Sample Examined: 0
Lease Number: G06027	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12785
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 12387
API Well Number: 427124009400	Drilling Operator: HESS CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 310
Public Info Code: Y 03-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9850 / 9624	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> MU A 121	<b>Date of Summary:</b> 15-JAN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G08092	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12290
<b>Well Name:</b> B004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11585
<b>API Well Number:</b> 427124009500	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 104
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 310
<b>Public Info Code:</b> Y 31-DEC-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8463	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PE 948	Date of Summary: 22-OCT-1985	First Sample Examined: 0
Lease Number: G06391	Source of Paleo: OPERATOR	Borehole MD: 18958
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18952
API Well Number: 608214000100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 02-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1940 / 1940	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT
2090 / 2090	DEF AT Eocene	DEF AT
2180 / 2180	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT
4220 / 4220	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT
4610 / 4610	DEF AT Cretaceous	DEF AT
5600 / 5600	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT
10270 /10269	DEF AT Lower Cretaceous Trinity Group/Provincial Stage	DEF AT
10670 /10669	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
11450 /11449	DEF AT Lower Cretaceous Pearsall Formation	DEF AT
11510 /11509	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
12440 /12439	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
14690 /14688	DEF IN Jurassic	DEF AT
15050 /15048	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
16370 /16367	DEF AT Jurassic Haynesville Formation	DEF AT
18171 /18165	DEF AT Jurassic Smackover Formation	DEF AT
18673 /18667	DEF AT Jurassic Norphlet Formation	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PE 948	Date of Summary: 19-MAY-1992	First Sample Examined: 1250
Lease Number: G06391	Source of Paleo: OPERATOR	Borehole MD: 18958
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18952
API Well Number: 608214000100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1250 - 18960	Water Depth: 164
Public Info Code: Y 02-JUL-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 / 1250	DEF AT first sample examined	DEF AT 1
1251 / 1251	POS IN Oligocene	DEF AT 1
1940 / 1940	POS AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 2
2150 / 2150	DEF AT Upper Eocene (Priabonian) Bulimina jacksonensis	DEF AT 2
2450 / 2450	DEF AT -----	DEF AT 1
2780 / 2780	DEF AT -----	DEF AT 3
3230 / 3230	DEF AT -----	DEF AT 2
4070 / 4070	DEF AT -----	DEF AT 4
4610 / 4610	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 3
4670 / 4670	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 3
5390 / 5390	DEF AT -----	DEF AT 2
5540 / 5540	DEF AT -----	DEF AT 1
5600 / 5600	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 1
6290 / 6290	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 1
6590 / 6590	DEF AT non-marine sediment	DEF AT 0
6740 / 6740	POS AT Lower (Early) Cretaceous	DEF AT 1
8780 / 8780	DEF AT non-marine sediment	DEF AT 0
10270 /10269	DEF AT -----	DEF AT 1
11600 /11599	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
12440 /12439	DEF AT non-marine sediment	DEF AT 0
18180 /18174	DEF AT -----	DEF AT 1
18960 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> PE 948	<b>Date of Summary:</b> 19-MAY-1992	<b>First Sample Examined:</b> 1062
<b>Lease Number:</b> G06391	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19300
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 19140
<b>API Well Number:</b> 608214000200	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1062 - 19036	<b>Water Depth:</b> 159
<b>Public Info Code:</b> Y 02-JUL-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** 8650=Upper Albian ostracode Eocytheropteron tumidium

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1062 / 1062	DEF AT first sample examined	DEF AT
4150 / 4150	DEF AT Paleocene	DEF AT
4300 / 4300	DEF IN Paleocene Midway Group/Provincial Stage	DEF AT
4600 / 4600	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
5560 / 5560	POS IN Upper Cretaceous (Turonian) Dicarinella hagni	DEF AT
6310 / 6310	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
6580 / 6580	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
6700 / 6700	POS AT Lower (Early) Cretaceous	DEF AT
6729 / 6729	DEF AT local marker ostracod (see remarks)	DEF AT
6730 / 6730	DEF AT Lower (Early) Cretaceous	DEF AT
8650 / 8650	DEF IN Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
8740 / 8740	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
10360 /10360	POS AT Lower Cretaceous Mooringsport Formation	DEF AT
10420 /10420	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
10990 /10990	DEF IN Lower Cretaceous Punta Gorda Formation	DEF AT
11110 /11110	POS AT Lower Cretaceous Rodessa Formation	DEF AT
12430 /12430	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
19036 /19031	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PE 948	Date of Summary: 19-MAY-1992	First Sample Examined: 16019
Lease Number: G06391	Source of Paleo: OPERATOR	Borehole MD: 19200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 19037
API Well Number: 608214000201	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 16019 - 19200	Water Depth: 159
Public Info Code: Y 02-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: All picks are based on lithology

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16019 /16017	DEF AT first sample examined	DEF AT
16020 /16018	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0
16021 /16019	DEF AT non-marine sediment	DEF AT 0
18040 /17956	DEF IN Jurassic Haynesville Formation	DEF AT 0
18100 /18012	POS AT Jurassic Smackover Formation	DEF AT 0
18160 /18067	DEF AT Jurassic Smackover Formation	DEF AT 0
18790 /18652	DEF AT Jurassic Norphlet Formation	DEF AT 0
19200 /19038	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 525	Date of Summary: 03-SEP-1996	First Sample Examined: 6500
Lease Number: G08268	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17925
API Well Number: 608024000100	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6500 - 18000	Water Depth: 3430
Public Info Code: Y 19-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6500 / 6499	DEF AT first sample examined	DEF AT 5
6501 / 6500	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
6502 / 6501	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
6679 / 6678	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 5
6680 / 6679	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
6770 / 6769	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (acme)	DEF AT 5
6800 / 6799	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
6890 / 6889	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT 5
6979 / 6978	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 5
6980 / 6979	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
7010 / 7009	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
7490 / 7489	DEF IN Lower Miocene (Aquitanian) Sphenolithus dissimilis	DEF AT 5
7580 / 7579	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT 5
8270 / 8269	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT 5
8300 / 8299	DEF AT faunal change (no faunal increase)	POS AT 5
8360 / 8359	DEF AT Upper Oligocene (Chattian) Globigerina ciproensis ciproensis	POS AT 5
8390 / 8389	DEF AT faunal change (no faunal increase)	DEF AT 5
8660 / 8659	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 5
8780 / 8779	POS AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
8840 / 8839	DEF AT faunal change (no faunal increase)	DEF IN 4
8990 / 8989	POS AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF IN 4
9080 / 9079	DEF AT faunal change (no faunal increase)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 525	Date of Summary: 03-SEP-1996	First Sample Examined: 6500
Lease Number: G08268	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17925
API Well Number: 608024000100	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6500 - 18000	Water Depth: 3430
Public Info Code: Y 19-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9499 / 9498	POS AT reworked material	DEF AT 5
9500 / 9499	POS AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 5
10190 /10189	DEF AT faunal change (no faunal increase)	DEF IN 4
10430 /10429	DEF AT faunal change (no faunal increase)	POS IN 4
11180 /11179	DEF AT faunal change (no faunal increase)	DEF AT 5
11300 /11299	DEF AT faunal change (no faunal increase)	DEF IN 5
11660 /11658	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF IN 5
13520 /13514	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF IN 5
18000 /17925	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 525	Date of Summary: 03-SEP-1996	First Sample Examined: 8364
Lease Number: G08268	Source of Paleo: OPERATOR	Borehole MD: 10679
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10127
API Well Number: 608024000101	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 8364 - 10679	Water Depth: 3430
Public Info Code: Y 19-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 9230=Helicosphaera bramlettei

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8364 / 8363	DEF AT first sample examined	DEF AT
8365 / 8364	DEF IN Oligocene Anahuac Formation/Provincial Stage	DEF AT
9230 / 9168	POS AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
10679 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 525	Date of Summary: 03-SEP-1996	First Sample Examined: 8824
Lease Number: G08268	Source of Paleo: OPERATOR	Borehole MD: 11022
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10876
API Well Number: 608024000102	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 8824 - 11022	Water Depth: 3430
Public Info Code: Y 19-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 9200=Helicosphaera bramlettei

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8824 / 8812	DEF AT first sample examined	DEF AT
8825 / 8813	DEF IN Oligocene Anahuac Formation/Provincial Stage	DEF AT
9200 / 9164	POS AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
11022 / 10876	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 654	Date of Summary: 10-JAN-1997	First Sample Examined: 5057
Lease Number: G13395	Source of Paleo: OPERATOR	Borehole MD: 18612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18460
API Well Number: 608024000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 5057 - 17546	Water Depth: 2320
Public Info Code: Y 30-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Company-integrated foram and nanno report for original hole, 10820=Oligocene Helicosphaera bramlettei, 17546=TD=probable mid-Frio age

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5057 / 5057	DEF AT first sample examined	DEF AT
5058 / 5058	POS AT cement	DEF AT
5059 / 5059	POS IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5360 / 5360	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
5660 / 5660	POS IN Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF IN 5
5690 / 5690	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
5809 / 5809	POS AT unconformity	DEF IN 5
5810 / 5810	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 5
5840 / 5840	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF IN 5
6079 / 6079	POS AT unconformity	DEF IN 5
6080 / 6080	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF IN 5
6230 / 6230	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF IN 5
6259 / 6259	DEF AT unconformity	DEF IN 5
6260 / 6260	POS IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 5
6350 / 6350	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF IN 5
6440 / 6440	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 5
6530 / 6530	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF IN 5
6710 / 6710	DEF AT - - - - -	DEF AT 6
6949 / 6949	POS AT reworked material	DEF IN 5
6950 / 6950	POS IN Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 5
7500 / 7498	DEF AT - - - - -	DEF IN 5
7580 / 7578	DEF IN Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF IN 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 654	Date of Summary: 10-JAN-1997	First Sample Examined: 5057
Lease Number: G13395	Source of Paleo: OPERATOR	Borehole MD: 18612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18460
API Well Number: 608024000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 5057 - 17546	Water Depth: 2320
Public Info Code: Y 30-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7820 / 7813	POS IN Lower Miocene (Aquitainian) Helicosphaera recta	DEF IN 5
7821 / 7814	POS IN Upper Oligocene (Chattian) Dictyococcites bisectus	DEF IN 5
8360 / 8335	POS AT Upper Oligocene (Chattian) Sphenolithus delphix	DEF IN 5
8750 / 8719	DEF AT local marker floral increase	DEF IN 5
9560 / 9524	POS AT Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF IN 5
9950 / 9913	POS AT reworked material	DEF IN 5
10100 /10063	DEF AT local marker foram increase	DEF IN 5
10820 /10783	POS IN Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF IN 5
11240 /11203	DEF AT reworked material	DEF IN 5
12320 /12282	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF IN 5
13220 /13180	DEF AT reworked material	DEF IN 5
14000 /13939	DEF IN Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF IN 5
15560 /15443	DEF AT reworked material	DEF IN 5
17545 /17394	POS IN Oligocene Frio Formation/Provincial Stage	DEF IN 5
17546 /17395	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PI 654	Date of Summary: 14-JAN-1997	First Sample Examined: 16990
Lease Number: G13395	Source of Paleo: OPERATOR	Borehole MD: 18612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18460
API Well Number: 608024000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 16990 - 18612	Water Depth: 2320
Public Info Code: Y 30-SEP-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Company-integrated foram and nanno report for bypass 1, no specific foram or coccolith markers indicated, at TD still above Vicksburg

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16990 /16840	DEF AT first sample examined	DEF IN 5
16991 /16841	POS IN Oligocene Frio Formation/Provincial Stage	DEF IN 5
18612 /18460	DEF AT last sample examined	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 10	Date of Summary: 18-DEC-1986	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10147
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 9703
API Well Number: 177134011800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 08-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5082 / 4894	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8070 / 7723	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9220 / 8818	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9700 / 9277	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT

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GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 10	Date of Summary: 18-JUL-1988	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11957
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 11957
API Well Number: 177134015800	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 15-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4652 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6204 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9568 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11300 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 12	Date of Summary: 08-MAY-1985	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13100
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 12558
API Well Number: 177134013000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 06-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10072 /10060	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11088 /10986	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11522 /11340	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
12082 /11776	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 12	Date of Summary: 19-NOV-1984	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12275
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 12152
API Well Number: 177134012400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 133
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 22-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10082 /10074	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11528 /11482	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 12	Date of Summary: 19-NOV-1987	First Sample Examined: 0
Lease Number: 00073	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11850
Well Name: 043	Paleo Done By: OPERATOR	Borehole TVD: 11524
API Well Number: 177134015400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 04-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6833	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
10120 / 9946	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
10760 / 10512	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 19	Date of Summary: 12-OCT-1993	First Sample Examined: 0
Lease Number: G12971	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12229
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12226
API Well Number: 177134018400	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 30-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8360 / 8359	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 20	Date of Summary: 20-MAR-1986	First Sample Examined: 0
Lease Number: 00074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9231
Well Name: 031	Paleo Done By: OPERATOR	Borehole TVD: 9224
API Well Number: 177134014600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 09-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 /	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
7640 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8800 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
9370 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9970 /	DEF AT gouge	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PL 22	Date of Summary: 01-MAR-1995	First Sample Examined: 0
Lease Number: G12972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15540
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15060
API Well Number: 177134019400	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13694 /13398	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 891	Date of Summary: 05-DEC-1990	First Sample Examined: 3530
Lease Number: G11202	Source of Paleo: OPERATOR	Borehole MD: 8070
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7374
API Well Number: 427134007400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3530 - 8072	Water Depth: 185
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3530 /	DEF AT first sample examined	DEF IN 2
3740 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
4010 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
4250 /	DEF AT sample gap top	POS AT 3
4999 /	DEF AT sample gap bottom	DEF AT 3
5000 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5450 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5630 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6020 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7990 /	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 3
8072 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 892	Date of Summary: 30-JUL-1990	First Sample Examined: 5269
Lease Number: G08963	Source of Paleo: OPERATOR	Borehole MD: 13730
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10599
API Well Number: 427134006600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 5269 - 13730	Water Depth: 185
Public Info Code: Y 21-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5269 / 5011	DEF AT first sample examined	POS AT 2
6024 / 5480	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6863 / 6014	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9284 / 7592	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
9808 / 7928	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
10907 / 8629	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
13730 /10600	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 932  
 Lease Number: G11204  
 Well Name: 001  
 API Well Number: 427134008700  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 31-OCT-1994

Date of Summary: 22-SEP-1994  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: VASTAR RESOURCES INC.  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 6600  
 Borehole TVD: 6600  
 Rkb Elevation: 82  
 Water Depth: 194  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 / 3380	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 956	Date of Summary: 22-JUL-1991	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7928
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 7890
API Well Number: 427014004300	Drilling Operator: CEDYCO CORPORATION	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 122
Public Info Code: Y 16-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5263	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7300 / 7263	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 956	Date of Summary: 11-DEC-1995	First Sample Examined: 0
Lease Number: G03723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7975
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 7899
API Well Number: 427014004600	Drilling Operator: CEDYCO CORPORATION	Rkb Elevation: 145
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 122
Public Info Code: Y 16-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4875	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5350 / 5275	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7350 / 7274	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 967	Date of Summary: 02-JUN-1976	First Sample Examined: 500
Lease Number: G03218	Source of Paleo: OPERATOR	Borehole MD: 11077
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9949
API Well Number: 427014000200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 500 - 11077	Water Depth: 125
Public Info Code: Y 24-JAN-1996	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
501 / 501	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1040 / 1040	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1400 / 1400	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1640 / 1640	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
1940 / 1940	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2280 / 2280	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
2360 / 2360	DEF AT - - - - -	DEF AT 1
2420 / 2420	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3020 / 3020	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
3080 / 3080	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
3200 / 3200	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
3380 / 3380	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
3500 / 3500	DEF AT - - - - -	DEF AT 2
4220 / 4215	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4340 / 4331	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4400 / 4389	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4850 / 4797	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5240 / 5117	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5480 / 5308	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6680 / 6292	DEF AT local marker benthic foram increase	DEF AT 2
7240 / 6753	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 967	Date of Summary: 02-JUN-1976	First Sample Examined: 500
Lease Number: G03218	Source of Paleo: OPERATOR	Borehole MD: 11077
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9949
API Well Number: 427014000200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 500 - 11077	Water Depth: 125
Public Info Code: Y 24-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7870 / 7251	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
7900 / 7275	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
8800 / 8017	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
9160 / 8321	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 2
9370 / 8494	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
9670 / 8742	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
9999 / 9015	DEF AT glauconite	DEF IN 2
10000 / 9015	POS AT Upper Oligocene (Chattian) Bolivina perca	DEF IN 2
10810 / 9716	DEF AT local marker benthic foram increase	DEF AT 3
11020 / 9901	POS AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
11077 / 9951	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 967	Date of Summary: 03-JUN-1976	First Sample Examined: 3600
Lease Number: G03218	Source of Paleo: OPERATOR	Borehole MD: 3959
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3954
API Well Number: 427014000201	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3600 - 3930	Water Depth: 125
Public Info Code: Y 24-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF AT 2
3601 / 3601	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
3930 / 3926	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 967	Date of Summary: 02-OCT-1981	First Sample Examined: 360
Lease Number: G03218	Source of Paleo: OPERATOR	Borehole MD: 5963
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5505
API Well Number: 427014001400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 360 - 6003	Water Depth: 122
Public Info Code: Y 24-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
360 / 360	DEF AT first sample examined	DEF AT 1
540 / 540	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1020 / 1020	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
1560 / 1558	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2160 / 2141	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3240 / 3101	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3540 / 3358	DEF AT sample gap top	POS AT 1
3600 / 3409	DEF AT sample gap bottom	POS AT 1
3960 / 3716	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
4110 / 3843	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
4170 / 3894	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
4320 / 4019	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4560 / 4234	DEF AT - - - - -	DEF AT 1
4800 / 4453	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
5010 / 4644	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
5250 / 4861	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
5700 / 5267	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
6003 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 967	Date of Summary: 15-OCT-1981	First Sample Examined: 420
Lease Number: G14100	Source of Paleo: OPERATOR	Borehole MD: 7036
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7036
API Well Number: 427014001600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 420 - 7030	Water Depth: 122
Public Info Code: Y 04-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
420 / 420	DEF AT first sample examined	DEF AT 1
600 / 600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
960 / 960	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
1440 / 1439	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1680 / 1674	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2100 / 2074	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2340 / 2292	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3420 / 3132	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3720 / 3327	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
4300 / 3706	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 1
4420 / 3785	DEF AT - - - - -	DEF AT 2
4540 / 3866	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
4541 / 3866	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4780 / 4030	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
5140 / 4281	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5470 / 4497	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5950 / 4798	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
6090 / 4886	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
6580 / 5200	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
7030 / 5502	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 975	Date of Summary: 11-FEB-1987	First Sample Examined: 5300
Lease Number: G05953	Source of Paleo: OPERATOR	Borehole MD: 12409
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10749
API Well Number: 427134003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 5300 - 12409	Water Depth: 156
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4645	DEF AT first sample examined	DEF AT 2
5510 / 4804	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
5960 / 5158	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
7010 / 5981	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7310 / 6218	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7790 / 6599	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8930 / 7537	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10040 / 8509	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
11120 / 9509	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
12409 / 10748	DEF AT last sample examined	DEF AT 2

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 975	Date of Summary: 01-OCT-1998	First Sample Examined: 5000
Lease Number: G18861	Source of Paleo: OPERATOR	Borehole MD: 11888
Well Name: A010	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 9875
API Well Number: 427134009200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 121
Paleo Report Num: 1 of 2	Sample Range: 2300 - 11888	Water Depth: 156
Public Info Code: Y 30-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Malaysia Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4292	DEF AT first sample examined	DEF AT 2
5001 / 4293	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5180 / 4432	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5270 / 4502	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 2
5450 / 4641	DEF AT - - - - -	DEF IN 1
5540 / 4710	DEF AT - - - - -	DEF AT 2
5660 / 4803	POS AT local marker planktic foram increase	DEF AT 2
5749 / 4873	DEF AT local marker planktic foram increase	DEF AT 2
5750 / 4874	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
5900 / 4992	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 2
5930 / 5016	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 2
6020 / 5087	DEF AT local marker planktic foram increase	DEF IN 2
6080 / 5135	DEF AT local marker benthic foram increase	DEF IN 2
6110 / 5159	DEF AT local marker benthic foram increase	POS AT 3
6200 / 5230	DEF AT - - - - -	DEF IN 2
6230 / 5254	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF IN 2
6260 / 5278	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
6440 / 5420	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 2
6530 / 5492	DEF AT local marker benthic foram increase	DEF IN 2
6620 / 5563	DEF AT local marker planktic foram increase	DEF IN 2
6680 / 5610	DEF AT Arenaceous fauna (local marker)	DEF IN 2
6770 / 5680	DEF AT Arenaceous fauna (local marker)	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> PN 975	<b>Date of Summary:</b> 01-OCT-1998	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G18861	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11888
<b>Well Name:</b> A010	<b>Paleo Done By:</b> APPLIED BIOSTRATIGRAPHIX	<b>Borehole TVD:</b> 9875
<b>API Well Number:</b> 427134009200	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 121
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2300 - 11888	<b>Water Depth:</b> 156
<b>Public Info Code:</b> Y 30-DEC-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 / 5750	DEF AT local marker planktic foram increase	DEF IN 2
6920 / 5797	DEF AT local marker planktic foram increase	DEF IN 2
7070 / 5915	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 2
7100 / 5939	DEF AT cement	DEF IN 2
7130 / 5963	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 2
7220 / 6034	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 2
7490 / 6245	DEF AT -----	DEF AT 2
7760 / 6453	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
7910 / 6569	DEF AT -----	DEF IN 2
8090 / 6709	DEF AT local marker foram increase	DEF IN 2
8120 / 6732	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
8180 / 6780	DEF AT local marker foram increase	DEF IN 2
8630 / 7148	DEF AT local marker planktic foram increase	DEF IN 2
8780 / 7273	DEF AT -----	DEF AT 2
8930 / 7400	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8990 / 7451	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
9350 / 7756	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9420 / 7815	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9480 / 7866	DEF AT local marker foram increase	DEF IN 2
9540 / 7916	DEF AT -----	DEF AT 2
9870 / 8195	POS AT local marker foram increase	DEF AT 2
10560 / 8775	DEF AT pyrite	DEF AT 2
10620 / 8826	DEF AT -----	POS IN 1
10740 / 8926	DEF AT -----	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> PN 975	<b>Date of Summary:</b> 01-OCT-1998	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G18861	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11888
<b>Well Name:</b> A010	<b>Paleo Done By:</b> APPLIED BIOSTRATIGRAPHIX	<b>Borehole TVD:</b> 9875
<b>API Well Number:</b> 427134009200	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 121
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2300 - 11888	<b>Water Depth:</b> 156
<b>Public Info Code:</b> Y 30-DEC-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10830 / 9002	DEF AT pyrite	DEF AT 2
11100 / 9226	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11250 / 9350	DEF AT drilling material	DEF AT 2
11280 / 9374	DEF AT reworked material	DEF AT 2
11640 / 9672	DEF AT local marker foram increase	DEF AT 2
11888 / 9878	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> PN 975	<b>Date of Summary:</b> 31-DEC-1998	<b>First Sample Examined:</b> 5000
<b>Lease Number:</b> G18861	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11888
<b>Well Name:</b> A010	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9875
<b>API Well Number:</b> 427134009200	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 121
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2300 - 11888	<b>Water Depth:</b> 156
<b>Public Info Code:</b> Y 30-DEC-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Malaysia Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4292	DEF AT first sample examined	DEF AT
5180 / 4432	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5300 / 4525	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5690 / 4827	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
5930 / 5016	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
6440 / 5420	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
6800 / 5703	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
7220 / 6034	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 2
8570 / 7098	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
8930 / 7400	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
9350 / 7756	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9420 / 7815	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11888 / 9878	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 987	Date of Summary: 27-JUL-1990	First Sample Examined: 0
Lease Number: G11200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427014004100	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4970 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6070 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6470 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7550 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 990	Date of Summary: 25-JUL-1994	First Sample Examined: 4000
Lease Number: G12389	Source of Paleo: OPERATOR	Borehole MD: 7926
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7009
API Well Number: 427134008500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7930	Water Depth: 150
Public Info Code: Y 30-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3340	DEF AT first sample examined	DEF AT 3
4001 / 3341	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
4960 / 4159	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5620 / 4782	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
5740 / 4897	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
5830 / 4984	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
5890 / 5042	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
6280 / 5419	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
6580 / 5707	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6760 / 5879	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
6820 / 5936	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
7240 / 6341	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7810 / 6897	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7930 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN 1018	Date of Summary: 07-JUN-1994	First Sample Examined: 0
Lease Number: G12400	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10652
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10648
API Well Number: 427134008300	Drilling Operator: ENRON CORP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 31-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 6967	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8140 / 8137	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9120 / 9117	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10020 / 10016	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> PN A 9	<b>Date of Summary:</b> 10-MAR-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11207	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10633
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9661
<b>API Well Number:</b> 427134008800	<b>Drilling Operator:</b> MURPHY EXPLORATION & PRODUCTIO	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 210
<b>Public Info Code:</b> Y 30-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 6312	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7025 / 6958	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8935 / 8402	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN A 11	Date of Summary: 06-FEB-1991	First Sample Examined: 4030
Lease Number: G11208	Source of Paleo: OPERATOR	Borehole MD: 12200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12199
API Well Number: 427134007500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4030 - 12180	Water Depth: 225
Public Info Code: Y 27-SEP-1994	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 Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4210 / 4210	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
4450 / 4450	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4930 / 4930	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
6360 / 6360	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8040 / 8040	DEF AT sample gap top	POS AT 3
8849 / 8849	DEF AT sample gap bottom	DEF AT 3
8850 / 8850	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12180 /12163	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: PN A 43	Date of Summary: 16-FEB-1986	First Sample Examined: 0
Lease Number: G08076	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7527
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6429
API Well Number: 427134004900	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 21-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6583 / 5688	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
7200 / 6186	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> PN A 59	<b>Date of Summary:</b> 25-JUL-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07155	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8769
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7121
<b>API Well Number:</b> 427134006500	<b>Drilling Operator:</b> TAYLOR ENERGY COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 219
<b>Public Info Code:</b> Y 16-JUL-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3454 / 3454	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 6	Date of Summary: 29-OCT-1993	First Sample Examined: 0
Lease Number: G13616	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12437
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11423
API Well Number: 177074064201	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 15-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 / 6536	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8730 / 8393	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11990 / 11051	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 18	Date of Summary: 01-OCT-1989	First Sample Examined: 7000
Lease Number: G08680	Source of Paleo: OPERATOR	Borehole MD: 16784
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14880
API Well Number: 177074057700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 660 - 14984	Water Depth: 75
Public Info Code: Y 12-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
7000 / 6999	DEF AT first sample examined	DEF AT 1
8000 / 7999	DEF AT -----	DEF AT 2
8300 / 8299	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10300 /10249	DEF AT -----	DEF AT 3
11300 /11070	DEF AT -----	DEF AT 2
12000 /11588	DEF AT -----	DEF AT 3
14300 /13180	DEF AT -----	DEF AT 2
15270 /13870	DEF AT -----	DEF AT 4
15300 /13892	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
16784 /14893	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 22	Date of Summary: 24-AUG-1995	First Sample Examined: 0
Lease Number: G12888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16396
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14905
API Well Number: 177074069400	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 26-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11120 /11078	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
13220 /12580	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
14810 /13702	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
15890 /14513	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 24  
Lease Number: G14437  
Well Name: 001  
API Well Number: 177074071700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-APR-1999

Date of Summary: 24-DEC-1998  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: VASTAR RESOURCES INC.  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 15488  
Borehole TVD: 15486  
Rkb Elevation: 88  
Water Depth: 85  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11930 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13060 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
13440 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14980 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 28	Date of Summary: 03-AUG-1992	First Sample Examined: 0
Lease Number: G09536	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14628
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12211
API Well Number: 177074056200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 10-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4490 / 4490	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7970 / 7835	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11370 / 9849	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12980 / 10871	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 30	Date of Summary: 26-JUN-1990	First Sample Examined: 0
Lease Number: G10695	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9875
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8504
API Well Number: 177074059200	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 26-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8735 / 7555	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 30	Date of Summary: 12-APR-1990	First Sample Examined: 6860
Lease Number: G10695	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8999
API Well Number: 177074059400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 6860 - 9876	Water Depth: 93
Public Info Code: Y 26-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 / 6860	DEF AT first sample examined	DEF AT 1
7040 / 7040	DEF AT - - - - -	DEF AT 2
9876 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 30	Date of Summary: 12-APR-1990	First Sample Examined: 4000
Lease Number: G10695	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8999
API Well Number: 177074059400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 4000 - 9610	Water Depth: 93
Public Info Code: Y 26-AUG-1994	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF IN 1
4450 / 4450	DEF AT - - - - -	DEF AT 2
5200 / 5200	DEF AT sample gap top	POS AT 2
6030 / 6030	DEF AT sample gap bottom	DEF AT 2
6060 / 6060	DEF AT sample gap top	POS AT 2
6150 / 6150	DEF AT sample gap bottom	DEF AT 2
6210 / 6210	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9610 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 39	Date of Summary: 05-AUG-1991	First Sample Examined: 5265
Lease Number: G11908	Source of Paleo: OPERATOR	Borehole MD: 16113
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15295
API Well Number: 177074062000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5265 - 16113	Water Depth: 100
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5265 / 5265	DEF AT first sample examined	DEF AT 1
8370 / 8369	DEF AT -----	DEF AT 2
8925 / 8923	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 2
9450 / 9448	DEF AT -----	DEF AT 3
9810 / 9808	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10830 /10828	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
12030 /12025	DEF AT -----	DEF AT 4
12060 /12055	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
12840 /12796	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
13170 /13085	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
13740 /13529	DEF AT -----	DEF AT 2
14070 /13785	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
14760 /14310	DEF AT -----	DEF AT 4
15510 /14863	DEF AT -----	DEF AT 5
15540 /14884	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
16113 /15295	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 49	Date of Summary: 01-AUG-1990	First Sample Examined: 10000
Lease Number: 00787	Source of Paleo: OPERATOR	Borehole MD: 13497
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 13395
API Well Number: 177074053700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 10000 - 13320	Water Depth: 103
Public Info Code: Y 17-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9926	DEF AT first sample examined	DEF AT 2
10001 / 9927	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10720 /10625	DEF AT -----	DEF IN 2
11350 /11250	DEF AT -----	DEF AT 2
12580 /12479	DEF AT -----	DEF AT 4
13319 /13217	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13320 /13218	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 50	Date of Summary: 09-AUG-1995	First Sample Examined: 0
Lease Number: G13608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16270
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16191
API Well Number: 177074068800	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 31-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13120 /13103	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
14190 /14147	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
15648 /15578	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 51	Date of Summary: 04-FEB-1993	First Sample Examined: 8000
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 15461
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15426
API Well Number: 177074064400	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 8000 - 15461	Water Depth: 105
Public Info Code: Y 06-JAN-1999	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 8000	DEF AT first sample examined	DEF AT 3
8750 / 8749	POS AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 3
9140 / 9139	DEF AT Turtle Grass fauna = <i>Amphistegina Mound</i>	DEF AT 3
9450 / 9449	DEF AT Lower Pliocene (Zanclian) <i>Globigerina nepenthes</i>	DEF AT 3
9960 / 9959	DEF AT -----	DEF AT 4
10290 /10289	DEF AT Lower Pliocene (Zanclian) <i>Globigerinoides mitra</i>	DEF AT 4
10800 /10799	DEF AT -----	DEF AT 3
11640 /11639	DEF AT -----	DEF AT 4
11910 /11908	DEF AT Upper Miocene (Messinian) <i>Globorotalia menardii</i> (coiling change right/left)	DEF AT 4
12809 /12805	DEF AT <i>Cyclammina</i> sp. (local marker)	DEF AT 4
12810 /12806	DEF AT <i>Eggerella</i> sp. (local marker)	DEF AT 4
14275 /14264	DEF AT Upper Miocene (Messinian) <i>Textularia "X"</i>	DEF AT 5
14615 /14601	POS AT Upper Miocene (Tortonian) <i>Sphaeroidinellopsis disjuncta</i>	DEF AT 5
15005 /14985	DEF AT -----	DEF AT 4
15461 /15426	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 58	Date of Summary: 24-JUL-1984	First Sample Examined: 9000
Lease Number: G01194	Source of Paleo: OPERATOR	Borehole MD: 13460
Well Name: JA004	Paleo Done By: OPERATOR	Borehole TVD: 11572
API Well Number: 177074046200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13460	Water Depth: 127
Public Info Code: Y 08-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7756	DEF AT first sample examined	DEF AT
12670 /10890	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13460 /11551	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 58	Date of Summary: 06-JUN-1984	First Sample Examined: 10210
Lease Number: G01194	Source of Paleo: OPERATOR	Borehole MD: 12363
Well Name: JA006	Paleo Done By: OPERATOR	Borehole TVD: 11607
API Well Number: 177074045800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 10210 - 12363	Water Depth: 127
Public Info Code: Y 05-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10210 / 9538	DEF AT first sample examined	DEF AT
11320 /10596	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12363 /11607	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 58	Date of Summary: 12-APR-1984	First Sample Examined: 7033
Lease Number: G01194	Source of Paleo: OPERATOR	Borehole MD: 8588
Well Name: JA007	Paleo Done By: OPERATOR	Borehole TVD: 7673
API Well Number: 177074045200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 7033 - 8590	Water Depth: 127
Public Info Code: Y 13-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7033 / 6247	DEF AT first sample examined	DEF AT
7870 / 7017	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8590 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 61	<b>Date of Summary:</b> 11-FEB-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01196	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15901
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13834
<b>API Well Number:</b> 177074045900	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 04-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6659	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8300 / 7808	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11200 /10102	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12400 /11009	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
14200 /12456	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-1994

End Date: 31-DEC-1999

Area Block: SM 70	Date of Summary: 20-SEP-1995	First Sample Examined: 0
Lease Number: G12893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10355
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10120
API Well Number: 177074069201	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 15-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 / 7286	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8490 / 8441	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
9992 / 9766	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 70	<b>Date of Summary:</b> 09-MAY-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12893	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10825
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10000
<b>API Well Number:</b> 177074071800	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 135
<b>Public Info Code:</b> Y 15-MAR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8730 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 77	Date of Summary: 31-MAY-1988	First Sample Examined: 0
Lease Number: G07703	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14250
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 14242
API Well Number: 177084068700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 09-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4290 / 4289	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5960 / 5959	POS AT Upper Pliocene	DEF AT
7370 / 7369	DEF AT local marker foram increase	DEF AT
9410 / 9409	DEF AT local marker foram increase	DEF AT
11840 / 11838	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
13670 / 13668	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 77	Date of Summary: 14-FEB-1990	First Sample Examined: 9010
Lease Number: G07703	Source of Paleo: OPERATOR	Borehole MD: 13597
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 13284
API Well Number: 177084071600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5200 - 13597	Water Depth: 140
Public Info Code: Y 21-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 8739	DEF AT first sample examined	DEF AT 3
10700 /10388	DEF AT -----	DEF AT 4
11020 /10707	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11500 /11186	DEF AT -----	DEF AT 2
12150 /11835	DEF AT -----	DEF AT 3
13597 /13282	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 78	Date of Summary: 13-JUN-1995	First Sample Examined: 0
Lease Number: G01210	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15509
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15488
API Well Number: 177084069600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 142
Public Info Code: Y 30-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5200 / 5200	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6390 / 6390	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7440 / 7439	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10050 /10049	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12480 /12478	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 78	Date of Summary: 27-AUG-1996	First Sample Examined: 0
Lease Number: G01210	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15456
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 15451
API Well Number: 177084065900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 139
Public Info Code: Y 09-NOV-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5250 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6360 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7470 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
9900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12210 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
14520 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 78	Date of Summary: 03-AUG-1988	First Sample Examined: 0
Lease Number: G01210	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14865
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 14336
API Well Number: 177084069100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 139
Public Info Code: Y 29-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3800 / 3799	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5100 / 5099	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6100 / 6099	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7400 / 7399	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10000 / 9899	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13500 /13090	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
14400 /13915	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-1994

End Date: 31-DEC-1999

Area Block: SM 78	Date of Summary: 10-SEP-1992	First Sample Examined: 8020
Lease Number: G01210	Source of Paleo: OPERATOR	Borehole MD: 16800
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 16329
API Well Number: 177084070500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 8020 - 11980	Water Depth: 139
Public Info Code: Y 15-FEB-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 7849	DEF AT first sample examined	DEF AT 1
8021 / 7850	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
9490 / 9241	DEF AT -----	DEF AT 2
11050 /10725	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
11290 /10958	DEF AT -----	DEF AT 3
11980 /11628	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 79	Date of Summary: 18-AUG-1986	First Sample Examined: 1145
Lease Number: G07704	Source of Paleo: OPERATOR	Borehole MD: 11825
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11819
API Well Number: 177084067200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1145 - 11820	Water Depth: 152
Public Info Code: Y 29-MAR-1996	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1145 / 1145	DEF AT first sample examined	DEF IN 2
4305 / 4305	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
5519 / 5519	DEF AT glauconite	DEF AT 2
5520 / 5520	DEF AT local marker foram increase	DEF AT 2
5580 / 5580	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6270 / 6270	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7530 / 7529	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
9540 / 9537	DEF AT Eggerella 3 (local marker)	DEF AT 3
9630 / 9627	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9690 / 9687	DEF AT Bathysiphon fauna	DEF AT 4
10530 / 10527	DEF AT Bathysiphon fauna	DEF AT 4
11820 / 11814	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 79	Date of Summary: 21-MAR-1989	First Sample Examined: 0
Lease Number: G07709	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13380
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 11866
API Well Number: 177084070600	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 152
Public Info Code: Y 24-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13248 /11748	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 81	Date of Summary: 16-SEP-1987	First Sample Examined: 0
Lease Number: G06692	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12050
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12045
API Well Number: 177084068000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 12-APR-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5499	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6540 / 6539	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8280 / 8279	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10740 / 10737	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-1994

End Date: 31-DEC-1999

Area Block: SM 81	Date of Summary: 22-JAN-1988	First Sample Examined: 0
Lease Number: G06692	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11379
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11376
API Well Number: 177084068300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 12-APR-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10570 /	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-1994

End Date: 31-DEC-1999

Area Block: SM 81	Date of Summary: 30-OCT-1989	First Sample Examined: 0
Lease Number: G06692	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11801
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11797
API Well Number: 177084067900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 12-APR-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 5428	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 7198	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8250 / 8248	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10680 / 10677	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-1994

End Date: 31-DEC-1999

Area Block: SM 82	Date of Summary: 19-JAN-1995	First Sample Examined: 7220
Lease Number: G11912	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17991
API Well Number: 177084079600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 7220 - 18000	Water Depth: 150
Public Info Code: Y 31-MAY-1995	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>
7220 / 7220	DEF AT first sample examined	DEF AT 1
7250 / 7250	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
7490 / 7490	DEF AT -----	DEF AT 3
7580 / 7580	DEF AT -----	DEF AT 1
7640 / 7640	DEF AT -----	DEF AT 2
7700 / 7700	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 2
8000 / 7999	DEF AT -----	DEF AT 1
8330 / 8329	DEF AT -----	DEF AT 3
8510 / 8509	DEF AT -----	DEF AT 1
9050 / 9049	DEF AT -----	DEF AT 3
9140 / 9139	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
9890 / 9889	DEF AT -----	DEF AT 1
10250 /10249	DEF AT -----	DEF AT 3
10700 /10699	DEF AT -----	DEF AT 2
11630 /11629	DEF AT -----	DEF AT 3
12200 /12199	DEF AT -----	DEF AT 2
12650 /12649	DEF AT -----	DEF AT 3
13040 /13039	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
13490 /13489	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
13610 /13608	DEF AT -----	DEF AT 4
14480 /14478	DEF AT -----	DEF AT 3
17360 /17352	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 82	Date of Summary: 19-JAN-1995	First Sample Examined: 7220
Lease Number: G11912	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17991
API Well Number: 177084079600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 7220 - 18000	Water Depth: 150
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18000 /17991	DEF AT last sample examined	DEF AT 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 87	Date of Summary: 22-JUN-1994	First Sample Examined: 5710
Lease Number: G10700	Source of Paleo: OPERATOR	Borehole MD: 16937
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16500
API Well Number: 177084079300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 5710 - 16937	Water Depth: 169
Public Info Code: Y 14-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5710 / 5710	DEF AT first sample examined	DEF AT 2
5770 / 5770	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6490 / 6490	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6640 / 6640	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6700 / 6700	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7090 / 7090	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
7120 / 7120	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8320 / 8317	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
8410 / 8406	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
9070 / 9048	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
9820 / 9740	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10630 /10481	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10720 /10564	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
11260 /11062	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
11350 /11145	DEF AT - - - - -	DEF AT 5
11600 /11376	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
13330 /13000	DEF AT - - - - -	DEF AT 6
16570 /16146	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
16937 /16501	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 87	<b>Date of Summary:</b> 22-JUN-1994	<b>First Sample Examined:</b> 5710
<b>Lease Number:</b> G10700	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16937
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16500
<b>API Well Number:</b> 177084079300	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5710 - 16930	<b>Water Depth:</b> 169
<b>Public Info Code:</b> Y 14-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5710 / 5710	DEF AT first sample examined	DEF AT
5890 / 5890	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6550 / 6550	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6580 / 6580	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8200 / 8197	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8920 / 8905	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
10000 / 9904	DEF AT sample gap top	DEF AT
10120 /10013	DEF AT sample gap bottom	DEF AT
10600 /10453	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
11860 /11616	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
12550 /12259	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14200 /13843	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
16420 /16001	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
16930 /16494	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 90	Date of Summary: 01-JAN-1989	First Sample Examined: 1500
Lease Number: G08684	Source of Paleo: OPERATOR	Borehole MD: 16300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16297
API Well Number: 177084069700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1500 - 16290	Water Depth: 165
Public Info Code: Y 08-OCT-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF AT 1
5780 / 5780	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5960 / 5960	DEF AT -----	DEF AT 2
6200 / 6200	DEF AT -----	DEF AT 1
7000 / 7000	DEF AT -----	DEF AT 2
7010 / 7010	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9000 / 9000	DEF AT -----	DEF AT 3
12620 /12619	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13500 /13499	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
16290 /16284	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 98	Date of Summary: 26-OCT-1989	First Sample Examined: 3550
Lease Number: G10701	Source of Paleo: OPERATOR	Borehole MD: 9054
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8211
API Well Number: 177084072100	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 3550 - 9000	Water Depth: 178
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3550 / 3550	DEF AT first sample examined	DEF AT 2
3551 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4700 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5600 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6299 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7600 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8500 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	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-1994

End Date: 31-DEC-1999

Area Block: SM 113	Date of Summary: 04-AUG-1994	First Sample Examined: 0
Lease Number: G10703	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8764
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8764
API Well Number: 177084079500	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 09-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4940 / 4940	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6670 / 6670	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 117	Date of Summary: 06-DEC-1985	First Sample Examined: 3300
Lease Number: G05465	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10499
API Well Number: 177084063500	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3300 - 10500	Water Depth: 190
Public Info Code: Y 28-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3300	DEF AT first sample examined	DEF AT 1
3630 / 3630	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
4500 / 4500	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
4890 / 4890	DEF AT local marker planktic foram increase	DEF AT 3
6180 / 6180	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6990 / 6990	DEF AT faunal change (no faunal increase)	DEF IN 2
8099 / 8099	DEF AT Eggerella 3 (local marker)	DEF AT 4
8100 / 8100	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8160 / 8160	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
8430 / 8430	DEF AT faunal change (no faunal increase)	DEF AT 3
9210 / 9210	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9300 / 9299	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10049 /10048	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10050 /10049	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10080 /10079	POS AT caprock	DEF AT
10350 /10349	DEF AT caprock	DEF AT
10500 /10499	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 117	<b>Date of Summary:</b> 12-SEP-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05465	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10780
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10062
<b>API Well Number:</b> 177084068800	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 02-SEP-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8750 / 8219	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9380 / 8798	DEF AT local marker benthic foram increase	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 118	Date of Summary: 22-AUG-1986	First Sample Examined: 0
Lease Number: G05465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13101
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11381
API Well Number: 177084066500	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 13-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 6504	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8200 / 7864	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9730 / 9000	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 118	Date of Summary: 07-JAN-1992	First Sample Examined: 0
Lease Number: G12894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9336
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9189
API Well Number: 177084076001	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 31-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 / 8821	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 123	<b>Date of Summary:</b> 19-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G09543	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6900
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6900
<b>API Well Number:</b> 177084073600	<b>Drilling Operator:</b> WALTER OIL & GAS CORPORATION	<b>Rkb Elevation:</b> 84
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 205
<b>Public Info Code:</b> Y 22-NOV-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6145 / 6145	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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 GULF OF MEXICO REGION

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 124	Date of Summary: 20-DEC-1994	First Sample Examined: 0
Lease Number: G14443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7999
API Well Number: 177084080000	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6560 / 6559	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 125  
Lease Number: G02882  
Well Name: D002  
API Well Number: 177084064800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 23-FEB-1996

Date of Summary: 17-APR-1991  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: PENNZENERGY COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14260  
Borehole TVD: 12708  
Rkb Elevation: 98  
Water Depth: 207  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 / 6506	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9450 / 9047	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9510 / 9097	DEF AT -----	DEF AT 4
13680 /12373	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
14070 /12594	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 137	Date of Summary: 21-SEP-1989	First Sample Examined: 9310
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 9801
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8445
API Well Number: 177084027601	Drilling Operator: CONOCO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 9310 - 9801	Water Depth: 217
Public Info Code: Y 11-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9310 / 8123	DEF AT first sample examined	POS AT 2
9640 / 8342	DEF AT - - - - -	DEF AT 3
9729 / 8402	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9730 / 8403	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9801 / 8450	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 137	Date of Summary: 21-SEP-1989	First Sample Examined: 9310
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 9801
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8445
API Well Number: 177084027601	Drilling Operator: CONOCO INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 9310 - 9801	Water Depth: 217
Public Info Code: Y 11-SEP-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9310 / 8123	DEF AT first sample examined	DEF AT
9730 / 8403	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9790 / 8443	POS AT Upper Pliocene (Gelasian) Discoaster brouweri (increase)	DEF AT
9801 / 8450	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 139	Date of Summary: 20-JAN-1998	First Sample Examined: 9690
Lease Number: G14445	Source of Paleo: OPERATOR	Borehole MD: 13509
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 177084081800	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 9690 - 13500	Water Depth: 221
Public Info Code: Y 17-APR-1998	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9690 / 9688	DEF AT first sample examined	DEF AT
11250 /11242	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13500 /13491	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 139	Date of Summary: 21-JAN-1998	First Sample Examined: 6000
Lease Number: G14445	Source of Paleo: OPERATOR	Borehole MD: 13509
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 177084081800	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 6000 - 13500	Water Depth: 221
Public Info Code: Y 17-APR-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5999	DEF AT first sample examined	DEF AT 3
6001 / 6000	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6210 / 6209	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6930 / 6929	DEF AT local marker foram increase	DEF AT 3
7380 / 7379	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8280 / 8278	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
9059 / 9057	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
9060 / 9058	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9090 / 9088	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9150 / 9148	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9420 / 9418	DEF AT -----	DEF AT 3
11160 /11152	DEF AT Bathysiphon fauna	DEF AT 4
11430 /11421	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11730 /11721	DEF AT Bathysiphon fauna	DEF AT 4
12090 /12081	DEF AT Bathysiphon fauna	DEF AT 4
12570 /12561	DEF AT Eggerella 3 (local marker)	DEF AT 4
12990 /12981	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13320 /13311	DEF AT Cyclammia sp. (local marker)	DEF AT 4
13500 /13491	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 146	Date of Summary: 21-MAR-1989	First Sample Examined: 1000
Lease Number: G09546	Source of Paleo: OPERATOR	Borehole MD: 9677
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9067
API Well Number: 177084070700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9670	Water Depth: 240
Public Info Code: Y 06-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1870 / 1870	DEF AT - - - - -	POS AT 3
3340 / 3340	POS AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
7240 / 6931	DEF AT local marker benthic foram increase	DEF AT 3
8140 / 7680	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
8200 / 7729	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 3
8319 / 7830	DEF AT local marker foram decrease	DEF AT 3
8320 / 7831	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
8440 / 7934	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 3
8500 / 7987	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
8619 / 8092	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8620 / 8093	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8829 / 8281	DEF AT pyrite	DEF AT 4
8830 / 8282	DEF AT local marker benthic foram increase	DEF AT 4
9578 / 8977	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9579 / 8978	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
9580 / 8978	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9670 / 9063	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 147	Date of Summary: 25-JAN-1989	First Sample Examined: 1000
Lease Number: G06693	Source of Paleo: OPERATOR	Borehole MD: 10651
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10580
API Well Number: 177084070400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10660	Water Depth: 235
Public Info Code: Y 07-FEB-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
1330 / 1330	DEF AT - - - - -	DEF AT 3
3130 / 3130	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4840 / 4840	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6009 / 5995	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6100 / 6084	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7990 / 7940	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
8080 / 8029	DEF AT local marker deep water fauna	DEF AT 4
8140 / 8088	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10448 /10379	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
10449 /10380	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10450 /10381	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10660 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 147	Date of Summary: 30-MAY-1989	First Sample Examined: 1000
Lease Number: G06693	Source of Paleo: OPERATOR	Borehole MD: 10740
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10253
API Well Number: 177084070900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10720	Water Depth: 235
Public Info Code: Y 30-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
1420 / 1420	POS AT - - - - -	POS AT 3
3100 / 3100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
5500 / 5496	DEF AT local marker foram increase	POS AT 3
8199 / 7940	DEF AT pyrite	DEF AT 3
8200 / 7941	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 3
8350 / 8081	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8980 / 8668	DEF AT local marker foram decrease	DEF AT 3
10720 /10233	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 151	Date of Summary: 09-OCT-1990	First Sample Examined: 0
Lease Number: G10705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4400
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4400
API Well Number: 177084073800	Drilling Operator: WAYMAN W BUCHANAN INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 251
Public Info Code: Y 31-JAN-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3244 / 3244	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 154	Date of Summary: 14-JAN-1994	First Sample Examined: 0
Lease Number: G09548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14829
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14822
API Well Number: 177084077500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 246
Public Info Code: Y 19-JUL-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 5370	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
12900 /12895	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
14790 /14784	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 155	Date of Summary: 24-OCT-1984	First Sample Examined: 7000
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 7855
Well Name: A018	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7748
API Well Number: 177084061800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 7000 - 7870	Water Depth: 250
Public Info Code: Y 27-OCT-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6905	DEF AT first sample examined	DEF AT 3
7450 / 7348	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7630 / 7525	DEF AT -----	DEF AT 2
7870 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 160	Date of Summary: 17-FEB-1989	First Sample Examined: 10300
Lease Number: G04433	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177084049000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10300 - 12520	Water Depth: 270
Public Info Code: Y 10-MAR-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10300 /10299	DEF AT first sample examined	DEF AT
11110 /11109	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
12490 /12489	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12520 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 160	Date of Summary: 06-OCT-1996	First Sample Examined: 0
Lease Number: G04433	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10530
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10167
API Well Number: 177084061600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 01-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 8222	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 160	Date of Summary: 29-JUN-1984	First Sample Examined: 0
Lease Number: G04433	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10720
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10267
API Well Number: 177084061700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 27-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 / 6474	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8580 / 8244	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 28-DEC-1984	<b>First Sample Examined:</b> 4960
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11792
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9767
<b>API Well Number:</b> 177084062200	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4960 - 10233	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 09-FEB-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4960 / 4841	DEF AT first sample examined	DEF IN 2
5600 / 5373	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5760 / 5504	DEF AT sample gap top	POS AT 3
6020 / 5718	DEF AT sample gap bottom	POS AT 3
6230 / 5890	DEF AT sample gap top	POS AT 3
6470 / 6086	DEF AT sample gap bottom	POS AT 3
7070 / 6532	DEF AT sample gap top	POS AT 3
7270 / 6682	DEF AT sample gap bottom	POS AT 3
7390 / 6773	DEF AT - - - - -	DEF AT 4
10090 / 8803	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10233 / 8902	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161	Date of Summary: 10-JAN-1985	First Sample Examined: 7105
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 11792
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9767
API Well Number: 177084062200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 116
Paleo Report Num: 2 of 2	Sample Range: 7105 - 11370	Water Depth: 270
Public Info Code: Y 09-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Redrill report

MD / TVD	Paleo Top Description	Ecozone
7105 / 6558	DEF AT first sample examined	DEF IN 3
7980 / 7224	DEF AT sample gap top	POS AT 3
8110 / 7324	DEF AT sample gap bottom	POS AT 3
8260 / 7440	DEF AT sample gap top	POS AT 3
8410 / 7558	DEF AT sample gap bottom	POS AT 3
10320 / 8962	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
10486 / 9072	DEF AT sample gap top	POS AT 3
10580 / 9130	DEF AT sample gap bottom	DEF AT 3
10800 / 9255	DEF AT -----	DEF AT 4
11010 / 9363	DEF AT sample gap top	POS AT 4
11110 / 9409	DEF AT sample gap bottom	DEF AT 4
11230 / 9464	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11231 / 9465	POS AT gouge	DEF AT 5
11310 / 9501	DEF AT -----	DEF AT 6
11370 / 9529	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161	Date of Summary: 27-MAR-1984	First Sample Examined: 5170
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 12188
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11286
API Well Number: 177084061200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5170 - 12186	Water Depth: 270
Public Info Code: Y 29-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 4920	DEF AT first sample examined	DEF AT 3
5171 / 4921	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7080 / 6674	DEF AT sample gap top	POS AT 3
7470 / 7021	DEF AT sample gap bottom	DEF AT 3
9090 / 8438	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9930 / 9185	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9990 / 9240	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10380 / 9597	DEF AT -----	DEF AT 4
10500 / 9709	DEF AT -----	DEF AT 5
12186 / 11284	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161	Date of Summary: 27-MAR-1984	First Sample Examined: 9240
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 11957
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10906
API Well Number: 177084061201	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 9240 - 11957	Water Depth: 270
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9240 / 8569	DEF AT first sample examined	DEF IN 3
9750 / 9023	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10320 / 9529	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10380 / 9583	DEF AT -----	DEF AT 5
11957 / 10906	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 19-JUN-1985	<b>First Sample Examined:</b> 9210
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11574
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10580
<b>API Well Number:</b> 177084062400	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9210 - 11600	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 13-AUG-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9210 / 8764	DEF AT first sample examined	DEF AT 4
9211 / 8765	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9860 / 9338	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 05-AUG-1985	<b>First Sample Examined:</b> 10120
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11574
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10580
<b>API Well Number:</b> 177084062400	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10120 - 11574	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 13-AUG-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10120 / 9550	DEF AT first sample examined	DEF AT 4
10270 / 9662	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11574 /10580	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 161	<b>Date of Summary:</b> 22-MAR-1985	<b>First Sample Examined:</b> 5230
<b>Lease Number:</b> G04809	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10573
<b>Well Name:</b> A005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9886
<b>API Well Number:</b> 177084062700	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5230 - 10573	<b>Water Depth:</b> 270
<b>Public Info Code:</b> Y 16-APR-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 5067	DEF AT first sample examined	DEF IN 2
5570 / 5379	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6810 / 6521	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6950 / 6649	DEF AT sample gap top	POS AT 3
7150 / 6833	DEF AT sample gap bottom	DEF AT 3
7830 / 7452	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10220 / 9562	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10573 / 9886	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161  
 Lease Number: G04809  
 Well Name: A006  
 API Well Number: 177084063000  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 12-MAY-1995

Date of Summary: 15-APR-1985  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: MARK PRODUCING INC  
 Sample Range: 4731 - 10520  
 Ecozone Eq MMS: Y

First Sample Examined: 4731  
 Borehole MD: 10553  
 Borehole TVD: 9842  
 Rkb Elevation: 116  
 Water Depth: 270  
 Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4731 / 4730	DEF AT first sample examined	DEF AT
4732 / 4731	DEF IN cement	DEF AT
5470 / 5464	DEF AT - - - - -	DEF IN 3
8105 / 7816	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8720 / 8348	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9238 / 8798	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9820 / 9272	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9880 / 9319	DEF AT - - - - -	DEF AT 5
10030 / 9437	DEF AT - - - - -	DEF AT 6
10430 / 9758	DEF AT anhydrite	DEF AT
10520 / 9831	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161	Date of Summary: 19-JUN-1985	First Sample Examined: 4760
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 9520
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8562
API Well Number: 177084063001	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 4760 - 9498	Water Depth: 270
Public Info Code: Y 01-JUL-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4760 / 4759	DEF AT first sample examined	DEF IN 2
5370 / 5342	DEF AT - - - - -	DEF AT 3
5400 / 5370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6390 / 6244	DEF AT sample gap top	POS AT 3
6480 / 6317	DEF AT sample gap bottom	DEF AT 3
8600 / 7845	DEF AT - - - - -	DEF AT 4
9498 / 8545	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161	Date of Summary: 16-MAY-1985	First Sample Examined: 5102
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 12710
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11385
API Well Number: 177084063200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 5102 - 12740	Water Depth: 273
Public Info Code: Y 12-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5102 / 4820	DEF AT first sample examined	DEF AT
5103 / 4821	DEF IN cement	DEF AT
5317 / 5012	DEF AT - - - - -	DEF IN 2
5772 / 5392	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5892 / 5493	DEF AT - - - - -	DEF AT 4
6506 / 6013	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7340 / 6727	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8494 / 7739	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9975 / 8993	DEF AT - - - - -	DEF AT 5
11200 / 10028	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12740 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 161	Date of Summary: 12-AUG-1985	First Sample Examined: 4415
Lease Number: G04809	Source of Paleo: OPERATOR	Borehole MD: 9582
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8323
API Well Number: 177084063400	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 4415 - 9550	Water Depth: 270
Public Info Code: Y 05-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4415 / 4036	DEF AT first sample examined	DEF IN 2
4953 / 4500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5226 / 4727	DEF AT - - - - -	DEF AT 3
5920 / 5294	DEF AT sample gap top	DEF AT
6040 / 5393	DEF AT sample gap bottom	DEF AT
6160 / 5491	DEF AT sample gap top	DEF AT
6230 / 5549	DEF AT sample gap bottom	DEF AT
9550 / 8296	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 169	Date of Summary: 19-NOV-1993	First Sample Examined: 2010
Lease Number: G09554	Source of Paleo: OPERATOR	Borehole MD: 18020
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18020
API Well Number: 177084077800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 2010 - 18010	Water Depth: 288
Public Info Code: Y 04-MAR-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2010 / 2010	DEF AT first sample examined	DEF AT
2011 / 2011	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4470 / 4469	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4500 / 4499	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5760 / 5759	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7650 / 7649	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10360 /10358	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10660 /10658	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
10760 /10758	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
10770 /10768	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11279 /11277	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11280 /11278	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
11310 /11308	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
11319 /11317	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
11320 /11318	DEF AT gouge	DEF AT
12489 /12486	POS AT base of salt	DEF AT
12490 /12487	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12580 /12577	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
12910 /12907	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14220 /14217	POS IN Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
14850 /14847	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
16290 /16286	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 169	<b>Date of Summary:</b> 19-NOV-1993	<b>First Sample Examined:</b> 2010
<b>Lease Number:</b> G09554	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18020
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 18020
<b>API Well Number:</b> 177084077800	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2010 - 18010	<b>Water Depth:</b> 288
<b>Public Info Code:</b> Y 04-MAR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17270 /17266	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
18010 /	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 169	Date of Summary: 22-NOV-1993	First Sample Examined: 2010
Lease Number: G09554	Source of Paleo: OPERATOR	Borehole MD: 18020
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18020
API Well Number: 177084077800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 2010 - 18020	Water Depth: 288
Public Info Code: Y 04-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2010 / 2010	DEF AT first sample examined	DEF AT 2
2040 / 2040	DEF AT - - - - -	DEF AT 3
2370 / 2370	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6150 / 6149	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6780 / 6779	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7470 / 7469	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7770 / 7769	DEF AT - - - - -	DEF AT 3
10610 /10608	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
10750 /10748	DEF AT - - - - -	DEF AT 4
10760 /10758	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10780 /10778	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11290 /11288	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11300 /11298	DEF AT local marker deep water fauna	DEF AT 5
11330 /11328	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
11500 /11498	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11600 /11597	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11610 /11607	POS AT salt	DEF AT 6
11611 /11608	DEF AT anhydrite	DEF AT 6
12489 /12486	DEF AT gouge	DEF AT 6
12490 /12487	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
12520 /12517	DEF AT - - - - -	DEF IN 5
12910 /12907	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 169	Date of Summary: 22-NOV-1993	First Sample Examined: 2010
Lease Number: G09554	Source of Paleo: OPERATOR	Borehole MD: 18020
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18020
API Well Number: 177084077800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 2010 - 18020	Water Depth: 288
Public Info Code: Y 04-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13260 /13257	DEF AT - - - - -	DEF AT 6
13290 /13287	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
14190 /14187	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
14730 /14727	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
16290 /16286	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
18020 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 190	Date of Summary: 05-AUG-1992	First Sample Examined: 0
Lease Number: G11925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177084076800	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 / 9521	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12210 /11505	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 198	Date of Summary: 12-AUG-1996	First Sample Examined: 5720
Lease Number: G12899	Source of Paleo: OPERATOR	Borehole MD: 13439
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13439
API Well Number: 177084081900	Drilling Operator: HESS CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 5720 - 13438	Water Depth: 380
Public Info Code: Y 29-JUL-1996	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>
5720 / 5720	DEF AT first sample examined	DEF AT 3
6560 / 6560	DEF AT - - - - -	DEF AT 4
6620 / 6620	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6800 / 6800	DEF AT - - - - -	DEF AT 5
7640 / 7639	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8120 / 8119	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
8209 / 8208	DEF AT anhydrite	DEF AT 6
8210 / 8209	DEF AT salt	DEF AT 6
10310 /10308	DEF AT base of salt	DEF AT 6
10430 /10428	DEF AT - - - - -	DEF IN 5
11210 /11206	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
11660 /11656	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12800 /12795	DEF AT - - - - -	DEF IN 5
13070 /13064	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
13250 /13244	DEF AT - - - - -	DEF AT 6
13280 /13274	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13438 /13432	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 198	<b>Date of Summary:</b> 12-AUG-1996	<b>First Sample Examined:</b> 5720
<b>Lease Number:</b> G12899	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13439
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13439
<b>API Well Number:</b> 177084081900	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 5720 - 13438	<b>Water Depth:</b> 380
<b>Public Info Code:</b> Y 29-JUL-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5720 / 5720	DEF AT first sample examined	DEF AT
6620 / 6620	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6800 / 6800	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7610 / 7609	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8000 / 7999	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8090 / 8089	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
8120 / 8119	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8450 / 8449	DEF AT salt	DEF AT
10310 /10308	DEF AT out-of-place section	DEF AT
11065 /11062	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11660 /11656	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
12860 /12855	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12950 /12945	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13250 /13244	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13438 /13432	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 204	Date of Summary: 12-MAR-1997	First Sample Examined: 11980
Lease Number: G13614	Source of Paleo: OPERATOR	Borehole MD: 14683
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14676
API Well Number: 177084083200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 5100 - 14680	Water Depth: 400
Public Info Code: Y 13-SEP-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
11980 /11979	DEF AT first sample examined	DEF AT 3
12040 /12039	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
12220 /12219	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
12670 /12669	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
12730 /12729	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13570 /13568	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
13870 /13867	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
13900 /13897	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
14650 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
14680 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 205	Date of Summary: 06-NOV-1989	First Sample Examined: 0
Lease Number: G05473	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6751
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5283
API Well Number: 177084071700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 442
Public Info Code: Y 24-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6446 / 5086	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 205	Date of Summary: 13-DEC-1988	First Sample Examined: 1590
Lease Number: G05475	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5999
API Well Number: 177084062300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1590 - 6000	Water Depth: 457
Public Info Code: Y 16-MAR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1590 / 1590	DEF AT first sample examined	POS AT 3
2400 / 2400	DEF AT - - - - -	DEF AT 3
2610 / 2610	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4710 / 4710	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5610 / 5610	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6000 / 5999	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 232	Date of Summary: 27-OCT-1993	First Sample Examined: 5190
Lease Number: G08687	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10273
API Well Number: 177074061700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 5190 - 10300	Water Depth: 17
Public Info Code: Y 03-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 5190	DEF AT first sample examined	DEF AT
6780 / 6780	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8430 / 8429	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8610 / 8608	DEF AT - - - - -	POS AT 3
10300 / 10273	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 232	Date of Summary: 30-SEP-1993	First Sample Examined: 0
Lease Number: G08687	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11580
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10060
API Well Number: 177074062100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 03-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11174 / 9692	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 232	Date of Summary: 17-NOV-1993	First Sample Examined: 0
Lease Number: G08687	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14335
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177074061000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5190 - 10300	Water Depth: 16
Public Info Code: Y 03-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 6127	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8430 / 7314	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8610 / 7446	DEF AT -----	POS AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 234	Date of Summary: 19-JAN-1993	First Sample Examined: 0
Lease Number: G04436	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10799
API Well Number: 177074051300	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 17-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6945	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11216 / 9951	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 235	Date of Summary: 22-MAR-1995	First Sample Examined: 0
Lease Number: G02300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 11099
API Well Number: 177074052000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 14-APR-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8710 / 8709	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
10270 /10269	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 245	Date of Summary: 02-MAR-1995	First Sample Examined: 0
Lease Number: G14450	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12242
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12242
API Well Number: 177074068500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 15-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8770 / 8770	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10870 /10868	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11020 /11018	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SM 252	<b>Date of Summary:</b> 19-DEC-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02598	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10458
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9722
<b>API Well Number:</b> 177074053200	<b>Drilling Operator:</b> HOUSTON EXPLORATION COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 22
<b>Public Info Code:</b> Y 26-NOV-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8607 / 8032	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 261	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G02306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12744
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 12744
API Well Number: 177074043500	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7680 / 7678	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7830 / 7828	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9060 / 9058	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10960 /10955	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
11560 /11555	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12580 /12574	DEF AT anhydrite	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 261	Date of Summary: 28-FEB-1995	First Sample Examined: 0
Lease Number: G02306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6729
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 6695
API Well Number: 177074068400	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3700 / 3698	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3850 / 3848	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
4170 / 4168	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4320 / 4318	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5080 / 5077	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5680 / 5675	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 261	Date of Summary: 21-MAY-1973	First Sample Examined: 110
Lease Number: G02306	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: B001	Paleo Done By: WING GEE	Borehole TVD: 9990
API Well Number: 177074004900	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 110 - 10000	Water Depth: 35
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
110 / 110	DEF AT first sample examined	DEF AT 1
160 / 160	DEF AT faunal change (no faunal increase)	DEF IN 1
1120 / 1120	DEF AT local marker benthic foram increase	DEF IN 1
3250 / 3250	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3370 / 3370	DEF AT faunal change (no faunal increase)	DEF IN 1
6610 / 6607	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6700 / 6696	DEF AT faunal change (no faunal increase)	DEF IN 1
6910 / 6906	DEF AT faunal change (no faunal increase)	DEF AT 2
7028 / 7023	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 2
7029 / 7024	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 2
7030 / 7025	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7180 / 7175	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7510 / 7504	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7690 / 7683	DEF AT local marker foram decrease	DEF IN 1
7960 / 7953	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8020 / 8013	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8470 / 8461	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
8860 / 8851	DEF AT pyrite	DEF AT 3
9370 / 9360	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
9640 / 9630	DEF AT pyrite	DEF IN 3
9760 / 9750	DEF AT local marker benthic foram increase	DEF AT 4
9970 / 9960	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 261	Date of Summary: 21-MAY-1973	First Sample Examined: 110
Lease Number: G02306	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: B001	Paleo Done By: WING GEE	Borehole TVD: 9990
API Well Number: 177074004900	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 110 - 10000	Water Depth: 35
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9990	DEF AT last sample examined	DEF AT 4



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Start Date: 01-JAN-1994

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Area Block: SM 261	Date of Summary: 28-FEB-1995	First Sample Examined: 0
Lease Number: G02306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7906
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177074061600	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 12-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4172	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5010 / 4908	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6420 / 6172	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 266	Date of Summary: 05-OCT-1993	First Sample Examined: 5000
Lease Number: G09565	Source of Paleo: OPERATOR	Borehole MD: 10864
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10864
API Well Number: 177074065300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10820	Water Depth: 24
Public Info Code: Y 28-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT 1
8300 / 8299	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8750 / 8749	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9170 / 9169	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9800 / 9799	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
10250 /10249	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10730 /10729	DEF AT local marker foram increase	DEF AT 5
10820 /10819	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 275	Date of Summary: 07-MAY-1985	First Sample Examined: 0
Lease Number: G05477	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15989
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13610
API Well Number: 177074048300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 03-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12270 /10924	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14340 /12435	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
15630 /13377	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 275	Date of Summary: 14-FEB-1990	First Sample Examined: 8010
Lease Number: G05477	Source of Paleo: OPERATOR	Borehole MD: 14026
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13654
API Well Number: 177074058500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 900 - 14000	Water Depth: 54
Public Info Code: Y 24-OCT-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8010 / 8010	DEF AT first sample examined	DEF AT 1
8011 / 8011	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 1
9200 / 9200	DEF AT -----	DEF AT 3
9450 / 9450	DEF AT -----	DEF AT 2
10770 /10769	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11400 /11396	DEF AT -----	DEF AT 3
11900 /11889	DEF AT -----	DEF AT 2
12870 /12758	DEF AT -----	DEF AT 3
12960 /12834	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14000 /13636	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 275	Date of Summary: 25-SEP-1992	First Sample Examined: 3860
Lease Number: G05477	Source of Paleo: OPERATOR	Borehole MD: 12250
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12248
API Well Number: 177074053000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3860 - 12250	Water Depth: 54
Public Info Code: Y 28-OCT-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3860 / 3860	DEF AT first sample examined	DEF AT 1
6320 / 6320	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8450 / 8450	DEF AT -----	DEF AT 2
8600 / 8600	DEF AT -----	DEF AT 1
9200 / 9200	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
9470 / 9470	DEF AT -----	DEF AT 3
9530 / 9530	DEF AT -----	DEF AT 2
9620 / 9620	DEF AT -----	DEF AT 1
10070 /10070	DEF AT -----	DEF AT 2
10790 /10790	DEF AT -----	DEF AT 4
10910 /10909	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10970 /10969	DEF AT -----	DEF AT 3
11000 /10999	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11150 /11149	DEF AT -----	DEF AT 4
11330 /11329	DEF AT -----	DEF AT 3
11540 /11539	DEF AT -----	DEF AT 4
11810 /11809	DEF AT -----	DEF AT 3
12050 /12048	DEF AT -----	DEF AT 2
12250 /12248	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 277	Date of Summary: 02-MAY-1995	First Sample Examined: 0
Lease Number: G14455	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12247
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11296
API Well Number: 177074068700	Drilling Operator: GLOBAL NATURAL RESOURCES CORP	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 30-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 / 9050	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
10110 / 9760	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11660 / 10852	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 285	Date of Summary: 30-JUL-1997	First Sample Examined: 12318
Lease Number: G13616	Source of Paleo: OPERATOR	Borehole MD: 15280
Well Name: 002	Paleo Done By: THOMAS REILLY	Borehole TVD: 15266
API Well Number: 177074074900	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 12318 - 14765	Water Depth: 60
Public Info Code: Y 15-JAN-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
12318 /	DEF AT first sample examined	DEF IN 1
12904 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 3
12905 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
12906 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
13215 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13680 /	DEF AT -----	DEF IN 2
13711 /	DEF AT local marker benthic foram increase	DEF IN 2
13804 /	DEF AT -----	DEF AT 2
14207 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
14393 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
14610 /	DEF AT -----	DEF IN 2
14765 /	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SM 286	Date of Summary: 04-AUG-1995	First Sample Examined: 0
Lease Number: G11931	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13780
API Well Number: 177074068900	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 27-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6535 / 6535	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8677 / 8677	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13070 /13069	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 35	Date of Summary: 25-APR-1991	First Sample Examined: 0
Lease Number: G09695	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10326
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177214039800	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 207
Public Info Code: Y 02-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6462	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 36	Date of Summary: 16-MAY-1995	First Sample Examined: 0
Lease Number: G12077	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10364
API Well Number: 177214042800	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 14-JUL-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 / 3800	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
3920 / 3920	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5900 / 5899	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7010 / 6968	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8510 / 8184	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
11970 /10232	DEF AT Cyclammia sp. (local marker)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 45	Date of Summary: 04-OCT-1986	First Sample Examined: 0
Lease Number: G01606	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9680
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 8590
API Well Number: 177214033000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 248
Public Info Code: Y 29-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5830 / 5719	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 45	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G04479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7068
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7068
API Well Number: 177214029500	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 02-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5905 / 5905	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 45	Date of Summary: 29-MAY-1985	First Sample Examined: 3210
Lease Number: G04479	Source of Paleo: OPERATOR	Borehole MD: 11676
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9605
API Well Number: 177214032500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 3210 - 11670	Water Depth: 195
Public Info Code: Y 05-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3210 / 3089	DEF AT first sample examined	DEF AT 2
3750 / 3505	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3900 / 3611	DEF AT faunal change (no faunal increase)	DEF AT 2
4380 / 3927	DEF AT faunal change (no faunal increase)	DEF AT 3
5520 / 4655	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6720 / 5405	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
7380 / 5851	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7920 / 6286	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
8850 / 7086	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
11670 / 9601	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 46	Date of Summary: 18-JUN-1986	First Sample Examined: 0
Lease Number: G04897	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13245
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11986
API Well Number: 177214034500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 31-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6387 / 6386	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 46	Date of Summary: 10-SEP-1992	First Sample Examined: 1470
Lease Number: G04897	Source of Paleo: OPERATOR	Borehole MD: 9119
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8984
API Well Number: 177214041300	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 1470 - 9119	Water Depth: 229
Public Info Code: Y 31-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1470 / 1470	DEF AT first sample examined	DEF AT 2
2100 / 2100	DEF AT - - - - -	DEF AT 3
2370 / 2370	DEF AT - - - - -	DEF AT 4
2820 / 2818	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3269 / 3267	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
3270 / 3268	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3650 / 3648	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
3680 / 3678	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
3800 / 3798	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
3920 / 3918	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4460 / 4458	DEF AT local marker foram decrease	DEF AT 4
4580 / 4578	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6320 / 6289	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6530 / 6490	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7100 / 7037	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
7220 / 7152	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
7370 / 7295	DEF AT - - - - -	DEF AT 3
7820 / 7725	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9119 / 8984	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 46	Date of Summary: 11-SEP-1992	First Sample Examined: 1470
Lease Number: G04897	Source of Paleo: OPERATOR	Borehole MD: 9119
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8984
API Well Number: 177214041300	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 1470 - 9119	Water Depth: 229
Public Info Code: Y 31-MAR-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1470 / 1470	DEF AT first sample examined	DEF AT
2730 / 2729	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3090 / 3088	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
3270 / 3268	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3859 / 3857	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT
3860 / 3858	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
4580 / 4578	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
4670 / 4668	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4850 / 4848	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
7160 / 7094	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
7250 / 7181	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
7430 / 7352	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
7940 / 7841	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
9119 / 8984	DEF AT last sample examined	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 54	Date of Summary: 31-JAN-1985	First Sample Examined: 4000
Lease Number: G04479	Source of Paleo: OPERATOR	Borehole MD: 15047
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11834
API Well Number: 177214031600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 3	Sample Range: 4000 - 13630	Water Depth: 283
Public Info Code: Y 12-FEB-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4000 / 3561	DEF AT first sample examined	DEF AT 3
6040 / 5106	DEF AT sample gap top	POS AT 3
7330 / 6125	DEF AT sample gap bottom	DEF AT 3
7990 / 6653	DEF AT -----	DEF AT 4
8860 / 7336	DEF AT -----	DEF AT 3
9960 / 8133	DEF AT -----	DEF AT 2
10380 / 8435	DEF AT -----	DEF AT 3
11299 / 9110	DEF AT Eggerella 3 (local marker)	DEF AT 3
11300 / 9110	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
11980 / 9622	DEF AT -----	DEF AT 4
12579 /10069	POS AT Eggerella 3 (local marker)	DEF AT 4
12580 /10070	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12620 /10099	DEF AT cement	POS AT 4
12700 /10158	DEF AT -----	DEF AT 3
13120 /10436	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13630 /10776	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 54	Date of Summary: 31-JAN-1985	First Sample Examined: 12650
Lease Number: G04479	Source of Paleo: OPERATOR	Borehole MD: 15047
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11834
API Well Number: 177214031600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 2 of 3	Sample Range: 12650 - 13990	Water Depth: 283
Public Info Code: Y 12-FEB-1995	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12650 /10121	DEF AT first sample examined	POS AT 3
12651 /10122	DEF IN Cyclammina cancellata (local marker)	POS AT 3
12830 /10251	DEF AT - - - - -	DEF AT 3
13180 /10474	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13509 /10691	DEF AT Bathysiphon fauna	DEF AT 4
13510 /10692	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
13990 /11042	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 54	Date of Summary: 31-JAN-1985	First Sample Examined: 12830
Lease Number: G04479	Source of Paleo: OPERATOR	Borehole MD: 15047
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11834
API Well Number: 177214031600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 3 of 3	Sample Range: 12830 - 15025	Water Depth: 283
Public Info Code: Y 12-FEB-1995	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
12830 /10251	DEF AT first sample examined	DEF AT 3
12831 /10252	DEF IN Cyclammia cancellata (local marker)	DEF AT 3
13070 /10405	DEF AT - - - - -	DEF AT 4
13190 /10480	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
13360 /10591	DEF AT - - - - -	DEF AT 3
13759 /10870	DEF AT Bathysiphon fauna	DEF AT 4
13760 /10871	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
14830 /11671	DEF AT Eggerella 3 (local marker)	DEF AT 5
15025 /11817	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 56	Date of Summary: 20-JUN-1984	First Sample Examined: 1020
Lease Number: G03416	Source of Paleo: OPERATOR	Borehole MD: 9776
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9000
API Well Number: 177214030700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1020 - 9776	Water Depth: 178
Public Info Code: Y 20-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1020 / 1020	DEF AT first sample examined	DEF IN 2
1350 / 1350	DEF AT - - - - -	DEF AT 3
2790 / 2692	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
3660 / 3420	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3870 / 3595	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3900 / 3620	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
4710 / 4297	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
4920 / 4477	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5820 / 5249	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6720 / 6018	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8310 / 7536	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
9776 / 9000	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 56	Date of Summary: 20-JUN-1984	First Sample Examined: 4099
Lease Number: G03416	Source of Paleo: OPERATOR	Borehole MD: 8299
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6322
API Well Number: 177214031000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 4099 - 5370	Water Depth: 179
Public Info Code: Y 20-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4099 / 3711	DEF AT first sample examined	DEF IN 4
4100 / 3712	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
4170 / 3751	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
4260 / 3799	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
4470 / 3913	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
4890 / 4154	DEF AT local marker deep water fauna	DEF AT 5
5129 / 4286	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
5130 / 4287	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
5370 / 4412	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 56	Date of Summary: 20-JUN-1984	First Sample Examined: 4380
Lease Number: G03416	Source of Paleo: OPERATOR	Borehole MD: 8299
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6322
API Well Number: 177214031000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4380 - 8299	Water Depth: 179
Public Info Code: Y 20-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4380 / 3863	DEF AT first sample examined	DEF AT 4
4381 / 3864	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4590 / 3981	POS AT local marker deep water fauna	DEF AT 5
5069 / 4254	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
5070 / 4254	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
5100 / 4271	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8299 / 6323	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SP 63	<b>Date of Summary:</b> 21-FEB-1996	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G13647	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16350
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16344
<b>API Well Number:</b> 177234017000	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4870 - 16340	<b>Water Depth:</b> 291
<b>Public Info Code:</b> Y 25-JAN-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9999	DEF AT first sample examined	POS IN 3
10090 /10089	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF IN 3
10210 /10209	DEF AT reworked material	DEF IN 3
10480 /10479	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
11409 /11408	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
11410 /11409	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
11890 /11889	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
12609 /12607	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
12610 /12608	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13120 /13118	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
14900 /14896	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 3
15140 /15136	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
16159 /16154	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
16160 /16155	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT 4
16220 /16215	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
16430 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 68	Date of Summary: 11-SEP-1990	First Sample Examined: 0
Lease Number: G10892	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11267
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9912
API Well Number: 177234015400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 361
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 / 5559	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 75	Date of Summary: 27-MAR-1984	First Sample Examined: 4000
Lease Number: G05051	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15700
API Well Number: 177224009700	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 4000 - 15700	Water Depth: 358
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF AT first sample examined	POS AT 3
4001 / 4001	DEF AT cement	POS AT 3
4240 / 4240	DEF AT -----	DEF AT 3
4360 / 4360	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4900 / 4900	DEF AT -----	DEF AT 2
5140 / 5140	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2
6010 / 6010	DEF AT sample gap top	POS AT 2
7000 / 7000	DEF AT sample gap bottom	DEF AT 2
8260 / 8259	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
8380 / 8379	DEF AT -----	DEF AT 3
9910 / 9909	DEF AT -----	DEF AT 4
10150 /10149	DEF AT -----	DEF AT 3
10540 /10539	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10750 /10749	DEF AT -----	DEF AT 3
12579 /12577	DEF AT Cyclammina sp. (local marker)	DEF AT 3
12580 /12578	DEF AT Eggerella 3 (local marker)	DEF AT 3
12610 /12608	DEF AT -----	DEF AT 5
12730 /12728	DEF AT -----	DEF AT 3
14590 /14587	DEF AT -----	DEF AT 4
14920 /14917	DEF AT -----	DEF AT 3
15638 /15635	DEF AT Cyclammina sp. (local marker)	DEF AT 5
15639 /15636	DEF AT Eggerella 3 (local marker)	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 75	Date of Summary: 27-MAR-1984	First Sample Examined: 4000
Lease Number: G05051	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15700
API Well Number: 177224009700	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 4000 - 15700	Water Depth: 358
Public Info Code: Y 13-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15640 /15637	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
15700 /15697	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 75	Date of Summary: 27-FEB-1985	First Sample Examined: 4430
Lease Number: G05051	Source of Paleo: OPERATOR	Borehole MD: 16233
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14580
API Well Number: 177224010600	Drilling Operator: CONOCO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4430 - 16220	Water Depth: 358
Public Info Code: Y 09-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 4430	DEF AT first sample examined	DEF AT 3
4490 / 4490	DEF IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
5900 / 5802	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6110 / 5978	DEF AT -----	DEF AT 2
10370 / 9566	DEF AT -----	DEF AT 3
10519 / 9695	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10520 / 9696	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10700 / 9852	DEF AT -----	DEF AT 3
11479 /10528	DEF AT Eggerella sp. (local marker)	DEF AT 4
11480 /10529	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
11630 /10660	DEF AT -----	DEF AT 3
13490 /12277	DEF AT Cyclammina sp. (local marker)	DEF AT 4
15530 /13997	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16220 /14572	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 77	Date of Summary: 14-FEB-1990	First Sample Examined: 11400
Lease Number: G02184	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: C015	Paleo Done By: OPERATOR	Borehole TVD: 15773
API Well Number: 177224016500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 11400 - 17000	Water Depth: 225
Public Info Code: Y 19-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 /10880	DEF AT first sample examined	DEF AT 2
11610 /11059	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
13050 /12302	DEF AT -----	DEF AT 4
14010 /13117	DEF AT -----	DEF AT 3
14700 /13698	DEF AT -----	DEF AT 2
17000 /15781	DEF AT last sample examined	POS AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 77	Date of Summary: 14-FEB-1990	First Sample Examined: 10710
Lease Number: G02184	Source of Paleo: OPERATOR	Borehole MD: 17851
Well Name: C020	Paleo Done By: OPERATOR	Borehole TVD: 16608
API Well Number: 177224014300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 10710 - 17850	Water Depth: 226
Public Info Code: Y 19-APR-1998	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>
10710 /10389	DEF AT first sample examined	DEF AT 3
13140 /12607	DEF AT -----	DEF AT 2
14010 /13410	DEF AT -----	DEF AT 3
15270 /14570	DEF AT -----	DEF AT 2
15570 /14842	DEF AT -----	DEF AT 3
15900 /15136	DEF AT -----	DEF AT 2
17850 /16608	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 77	Date of Summary: 14-FEB-1990	First Sample Examined: 15310
Lease Number: G02184	Source of Paleo: OPERATOR	Borehole MD: 17069
Well Name: C020	Paleo Done By: OPERATOR	Borehole TVD: 16374
API Well Number: 177224014301	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 15310 - 17069	Water Depth: 226
Public Info Code: Y 16-JUN-1998	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>
15310 /14662	DEF AT first sample examined	DEF AT 2
15370 /14720	DEF AT -----	DEF AT 3
16480 /15803	DEF AT -----	DEF AT 2
16810 /16127	DEF AT -----	DEF AT 3
17069 /16380	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 77	Date of Summary: 14-FEB-1990	First Sample Examined: 8700
Lease Number: G02184	Source of Paleo: OPERATOR	Borehole MD: 16012
Well Name: C020	Paleo Done By: OPERATOR	Borehole TVD: 15129
API Well Number: 177224014302	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 8700 - 16012	Water Depth: 226
Public Info Code: Y 14-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

MD / TVD	Paleo Top Description	Ecozone
8700 / 8458	DEF AT first sample examined	DEF AT 2
9330 / 9024	DEF AT -----	DEF AT 3
9900 / 9544	DEF AT -----	DEF AT 1
10110 / 9736	DEF AT -----	DEF AT 3
11340 /10856	DEF AT -----	DEF AT 4
11670 /11153	DEF AT -----	DEF AT 3
13330 /12657	DEF AT -----	DEF AT 1
13500 /12814	DEF AT -----	DEF AT 3
13890 /13175	DEF AT -----	DEF AT 2
14790 /14015	DEF AT -----	DEF AT 3
15360 /14540	DEF AT -----	DEF AT 2
15480 /14648	DEF AT -----	DEF AT 3
16012 /15130	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 83	Date of Summary: 25-JUL-1988	First Sample Examined: 0
Lease Number: G05052	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11098
API Well Number: 177224016600	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 472
Public Info Code: Y 24-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 / 3749	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
10820 /10818	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SP 83	<b>Date of Summary:</b> 04-OCT-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05052	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12670
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12096
<b>API Well Number:</b> 177224016900	<b>Drilling Operator:</b> FMP OPERATING COMPANY A LIMIT	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 515
<b>Public Info Code:</b> Y 28-SEP-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9196 / 9107	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11230 /10865	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12580 /12018	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 86	Date of Summary: 07-JUL-1989	First Sample Examined: 3500
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17600
Well Name: 014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16816
API Well Number: 177224017500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 3	Sample Range: 3500 - 10580	Water Depth: 388
Public Info Code: Y 02-JUL-1999	Ecozone Eq MMS:	Paleo ID: 002

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
4700 / 4681	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
4880 / 4852	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
5180 / 5136	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6530 / 6404	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
6650 / 6515	DEF AT local marker foram increase	DEF AT
10580 / 10130	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 86	Date of Summary: 07-JUL-1989	First Sample Examined: 8480
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17600
Well Name: 014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16816
API Well Number: 177224017500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 2 of 3	Sample Range: 8480 - 17779	Water Depth: 388
Public Info Code: Y 02-JUL-1999	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Redrill report, consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8480 / 8193	DEF AT first sample examined	DEF AT
8481 / 8194	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12010 /11457	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
13570 /12896	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
15250 /14498	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
17779 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 86	Date of Summary: 07-JUL-1989	First Sample Examined: 16440
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17600
Well Name: 014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16816
API Well Number: 177224017500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 3 of 3	Sample Range: 16440 - 17580	Water Depth: 388
Public Info Code: Y 02-JUL-1999	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>
16440 /15664	DEF AT first sample examined	DEF AT
16441 /15665	DEF IN cement	DEF AT
17580 /16796	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89	Date of Summary: 19-JAN-1988	First Sample Examined: 3520
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17291
Well Name: 013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16294
API Well Number: 177224015100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 5	Sample Range: 3520 - 15381	Water Depth: 411
Public Info Code: Y 13-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3520 / 3520	DEF AT first sample examined	DEF AT 4
4300 / 4300	DEF AT -----	DEF AT 5
4720 / 4720	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5829 / 5829	DEF AT glauconite	DEF AT 5
5830 / 5830	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5890 / 5890	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6100 / 6100	DEF AT -----	DEF AT 4
6490 / 6488	DEF AT -----	DEF AT 5
6700 / 6694	DEF AT -----	DEF AT 4
13210 /12949	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
14440 /14077	DEF AT -----	DEF AT 5
15381 /14868	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89  
Lease Number: G01618  
Well Name: 013  
API Well Number: 177224015100  
Paleo Report Num: 2 of 5  
Public Info Code: Y 13-FEB-1998

Date of Summary: 19-JAN-1988  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARATHON PETROLEUM COMPANY  
Sample Range: 12800 - 14570  
Ecozone Eq MMS: Y

First Sample Examined: 12800  
Borehole MD: 17291  
Borehole TVD: 16294  
Rkb Elevation: 81  
Water Depth: 411  
Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 /12565	DEF AT first sample examined	DEF IN 4
13160 /12903	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
14570 /14194	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89	Date of Summary: 19-JAN-1988	First Sample Examined: 13320
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17291
Well Name: 013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16294
API Well Number: 177224015100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 3 of 5	Sample Range: 13320 - 15770	Water Depth: 411
Public Info Code: Y 13-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13320 /13051	DEF AT first sample examined	DEF AT 4
13470 /13188	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
15450 /14920	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
15770 /15159	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89	Date of Summary: 19-JAN-1988	First Sample Examined: 14870
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17291
Well Name: 013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16294
API Well Number: 177224015100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 4 of 5	Sample Range: 14870 - 16190	Water Depth: 411
Public Info Code: Y 13-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14870 /14456	DEF AT first sample examined	DEF AT 4
15500 /14958	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16190 /15468	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89	Date of Summary: 19-JAN-1988	First Sample Examined: 14420
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 17291
Well Name: 013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16294
API Well Number: 177224015100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 5 of 5	Sample Range: 14420 - 17291	Water Depth: 411
Public Info Code: Y 13-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Sidetrack 4 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14420 /14058	DEF AT first sample examined	DEF IN 4
17291 /16294	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89  
Lease Number: G01618  
Well Name: B018  
API Well Number: 177224017600  
Paleo Report Num: 1 of 1  
Public Info Code: Y 12-FEB-1999

Date of Summary: 20-JUL-1989  
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: 10137  
Borehole TVD: 9280  
Rkb Elevation: 118  
Water Depth: 420  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6559 / 5982	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7800 / 7077	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 89	Date of Summary: 22-JUN-1988	First Sample Examined: 0
Lease Number: G01618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12407
Well Name: B020	Paleo Done By: OPERATOR	Borehole TVD: 11865
API Well Number: 177224016200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 420
Public Info Code: Y 13-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 / 4765	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
6000 / 5807	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8039 / 7580	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10710 /10169	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12090 /11548	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SP 96	Date of Summary: 18-AUG-1994	First Sample Examined: 0
Lease Number: G13954	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16743
API Well Number: 177224022300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 515
Public Info Code: Y 31-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 / 6539	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
15660 /15656	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 30	Date of Summary: 13-MAY-1988	First Sample Examined: 0
Lease Number: 00333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15630
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 14762
API Well Number: 177114093000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8499	DEF AT - - - - -	DEF AT 2
9580 / 9578	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10060 /10057	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10390 /10380	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
12760 /12461	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
12850 /12536	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
13570 /13138	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
15250 /14468	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 52	Date of Summary: 02-OCT-1995	First Sample Examined: 0
Lease Number: G11976	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18505
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17847
API Well Number: 177114117101	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 06-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9393	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10640 /10371	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
16310 /15664	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 58	Date of Summary: 27-JUL-1989	First Sample Examined: 9000
Lease Number: G07746	Source of Paleo: OPERATOR	Borehole MD: 12899
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11602
API Well Number: 177114098700	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 9000 - 12900	Water Depth: 15
Public Info Code: Y 22-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8724	DEF AT first sample examined	DEF IN 2
9510 / 9079	DEF AT - - - - -	DEF AT 3
9570 / 9121	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9870 / 9335	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10800 /10014	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11400 /10462	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12900 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 66	Date of Summary: 17-DEC-1984	First Sample Examined: 0
Lease Number: G06736	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13540
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13538
API Well Number: 177114081200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 30-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5892 / 5892	POS AT Pliocene	DEF AT
8473 / 8472	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT
8474 / 8473	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
9443 / 9442	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10102 /10101	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10874 /10873	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 66	<b>Date of Summary:</b> 29-MAR-1985	<b>First Sample Examined:</b> 10250
<b>Lease Number:</b> G06736	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12386
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12386
<b>API Well Number:</b> 177114082100	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10250 - 12390	<b>Water Depth:</b> 28
<b>Public Info Code:</b> Y 15-JAN-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10250 /	DEF AT first sample examined	POS AT 2
10710 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
12390 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 66	Date of Summary: 15-MAY-1985	First Sample Examined: 0
Lease Number: G06736	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10675
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10675
API Well Number: 177114084000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 23-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6805 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
9998 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 66	Date of Summary: 14-OCT-1985	First Sample Examined: 0
Lease Number: G06736	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13380
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13380
API Well Number: 177114085900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 19-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8070 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
9868 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12097 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 68	Date of Summary: 01-APR-1990	First Sample Examined: 7450
Lease Number: G02917	Source of Paleo: OPERATOR	Borehole MD: 13547
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11631
API Well Number: 177114096700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7450 - 12820	Water Depth: 31
Public Info Code: Y 28-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 7449	DEF AT first sample examined	DEF AT 1
8830 / 8764	DEF AT -----	DEF AT 2
8890 / 8816	DEF AT -----	DEF AT 3
9040 / 8938	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9490 / 9265	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10300 / 9732	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12430 / 10966	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
12820 / 11203	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 69	Date of Summary: 17-JAN-1985	First Sample Examined: 0
Lease Number: G03577	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15100
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 15088
API Well Number: 177114081000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 19-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 6100	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8930 / 8930	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT
8931 / 8931	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
11488 / 11487	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 72	Date of Summary: 02-DEC-1998	First Sample Examined: 0
Lease Number: G12345	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12790
Well Name: 021	Paleo Done By: OPERATOR	Borehole TVD: 11529
API Well Number: 177114080500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 24-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10810 /10247	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11250 /10548	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 76	Date of Summary: 07-JAN-1992	First Sample Examined: 0
Lease Number: G10762	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11596
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11595
API Well Number: 177114107700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9517 / 9517	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9986 / 9985	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10465 /10464	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10688 /10687	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 84	Date of Summary: 05-DEC-1989	First Sample Examined: 0
Lease Number: G03160	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13300
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13300
API Well Number: 177114100100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 11-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10065 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11540 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 90	Date of Summary: 14-JUN-1984	First Sample Examined: 0
Lease Number: G05540	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12728
API Well Number: 177114074702	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 24-MAR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10610 /10516	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
11510 /11228	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12650 /12069	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13090 /12402	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 92	Date of Summary: 05-JUL-1988	First Sample Examined: 7000
Lease Number: G05541	Source of Paleo: OPERATOR	Borehole MD: 11967
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11705
API Well Number: 177114093900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 7000 - 11967	Water Depth: 24
Public Info Code: Y 25-JUL-1998	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF AT 2
8080 / 8079	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10440 /10335	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
10627 /10502	DEF AT faunal change (no faunal increase)	DEF AT 3
11444 /11235	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11633 /11405	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11817 /11571	DEF AT faunal change (no faunal increase)	DEF AT 3
11967 /11705	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 92	Date of Summary: 08-MAR-1989	First Sample Examined: 5000
Lease Number: G05541	Source of Paleo: OPERATOR	Borehole MD: 10370
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10366
API Well Number: 177114097700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10370	Water Depth: 24
Public Info Code: Y 26-MAR-1999	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 3
5001 / 5001	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5390 / 5389	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5750 / 5749	DEF AT -----	DEF AT 2
6500 / 6499	DEF AT -----	DEF AT 3
6620 / 6619	DEF AT -----	DEF AT 2
7790 / 7789	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8030 / 8029	DEF AT -----	DEF AT 2
9470 / 9466	DEF AT -----	DEF AT 3
10188 /10184	POS AT unconformity	DEF AT 3
10189 /10185	POS AT fault	DEF AT 3
10190 /10186	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
10370 /10366	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 92	Date of Summary: 06-JUN-1997	First Sample Examined: 0
Lease Number: G05541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11660
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11394
API Well Number: 177114097800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 16-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7580 / 7444	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
10730 /10412	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 92	Date of Summary: 20-JUL-1989	First Sample Examined: 0
Lease Number: G05541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11070
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 10940
API Well Number: 177114098500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 26-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7597	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10500 /10395	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
10580 /10475	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 92	Date of Summary: 10-OCT-1988	First Sample Examined: 6840
Lease Number: G05541	Source of Paleo: OPERATOR	Borehole MD: 11590
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11588
API Well Number: 177114096500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6840 - 11590	Water Depth: 24
Public Info Code: Y 03-NOV-1998	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6840	DEF AT first sample examined	DEF AT 2
7650 / 7649	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10240 /10239	DEF AT faunal change (no faunal increase)	DEF AT 3
10660 /10659	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
11200 /11198	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11560 /11558	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 94	Date of Summary: 13-JAN-1987	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10340
Well Name: 022	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177114090700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 05-JAN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8230 / 8217	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
10090 /10075	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 97	Date of Summary: 12-MAR-1992	First Sample Examined: 5000
Lease Number: G12936	Source of Paleo: OPERATOR	Borehole MD: 13665
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177114108200	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 5000 - 13670	Water Depth: 23
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
5090 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8690 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10400 /	DEF AT -----	DEF AT 3
10430 /	DEF AT -----	DEF AT 4
10520 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10730 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11390 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11690 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13070 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
13670 /	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-1994

End Date: 31-DEC-1999

Area Block: SS 97	Date of Summary: 12-MAR-1992	First Sample Examined: 10400
Lease Number: G12936	Source of Paleo: OPERATOR	Borehole MD: 13665
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177114108200	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 10400 - 13670	Water Depth: 23
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /	DEF AT first sample examined	DEF AT
10520 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
11120 /	POS AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
12770 /	POS IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
13670 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 98	Date of Summary: 04-MAR-1986	First Sample Examined: 0
Lease Number: G05542	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13192
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13192
API Well Number: 177114088300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 11-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7950 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 105	<b>Date of Summary:</b> 19-SEP-1989	<b>First Sample Examined:</b> 6000
<b>Lease Number:</b> G09614	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12965
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12963
<b>API Well Number:</b> 177114099500	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6000 - 12965	<b>Water Depth:</b> 35
<b>Public Info Code:</b> Y 10-OCT-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF IN 2
6780 / 6780	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
8400 / 8399	POS AT -----	DEF AT 3
10980 /10978	DEF AT -----	DEF AT 4
11280 /11278	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11790 /11788	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12965 /12963	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 110	Date of Summary: 14-JUL-1997	First Sample Examined: 0
Lease Number: G13914	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12956
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11767
API Well Number: 177114122300	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10840 /10350	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 112	Date of Summary: 09-MAY-1986	First Sample Examined: 0
Lease Number: 00066	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13277
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13272
API Well Number: 177114089400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 04-MAY-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9675 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
11297 /	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT
12077 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12521 /	DEF AT gouge	DEF AT
13205 /	DEF AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 113	Date of Summary: 08-JUN-1988	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: N001	Paleo Done By: OPERATOR	Borehole TVD: 13050
API Well Number: 177114092800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 25-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 /10438	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
11170 /10935	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
11740 /11378	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 113	Date of Summary: 09-JUL-1984	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7785
Well Name: 040	Paleo Done By: OPERATOR	Borehole TVD: 7781
API Well Number: 177114078200	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 12-JUL-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6820 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 113	Date of Summary: 03-JUL-1985	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7882
Well Name: 041	Paleo Done By: OPERATOR	Borehole TVD: 7713
API Well Number: 177114084800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 10-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6070 / 5923	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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<b>Area Block:</b> SS 113	<b>Date of Summary:</b> 04-NOV-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00067	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8270
<b>Well Name:</b> 043	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8256
<b>API Well Number:</b> 177114086100	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 54
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 51
<b>Public Info Code:</b> Y 22-OCT-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7910 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
8240 /	DEF AT gouge	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 113	Date of Summary: 20-JUL-1994	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6531
Well Name: 046	Paleo Done By: OPERATOR	Borehole TVD: 6469
API Well Number: 177114089300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 28-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4420 / 4373	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 113	Date of Summary: 16-JUN-1998	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12725
Well Name: 048	Paleo Done By: OPERATOR	Borehole TVD: 12154
API Well Number: 177114099300	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 13-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8640 / 8607	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10920 /10613	DEF AT Cyclamina sp. (local marker)	DEF AT
11520 /11143	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
11640 /11249	DEF AT gouge	DEF AT
12450 /11906	DEF AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 114	Date of Summary: 15-MAY-1985	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9650
Well Name: 049	Paleo Done By: OPERATOR	Borehole TVD: 9522
API Well Number: 177114084600	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 10-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8929 / 8817	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 114	Date of Summary: 06-SEP-1986	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8005
Well Name: 056	Paleo Done By: OPERATOR	Borehole TVD: 7805
API Well Number: 177114090100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 16-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4710 / 4568	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6950 / 6752	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1994  
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<b>Area Block:</b> SS 114	<b>Date of Summary:</b> 19-AUG-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00064	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8137
<b>Well Name:</b> 060	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8122
<b>API Well Number:</b> 177114085600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 78
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 51
<b>Public Info Code:</b> Y 28-JUL-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** 5470=salt overhang

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 /	DEF AT salt	DEF AT
7846 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8000 /	DEF AT gouge	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 117	Date of Summary: 06-APR-1987	First Sample Examined: 0
Lease Number: 00065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14159
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13770
API Well Number: 177114091100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 16-APR-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9630 / 9568	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
11150 /10925	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
11940 /11629	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13715 /13331	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14385 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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End Date: 31-DEC-1999

Area Block: SS 117	Date of Summary: 22-FEB-1989	First Sample Examined: 0
Lease Number: 00065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12247
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12193
API Well Number: 177114096800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 16-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 / 9458	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
10870 /10863	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT



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End Date: 31-DEC-1999

<b>Area Block:</b> SS 119	<b>Date of Summary:</b> 30-MAR-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00069	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9078
<b>Well Name:</b> 021	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 8813
<b>API Well Number:</b> 177114088701	<b>Drilling Operator:</b> MURPHY EXPLORATION & PRODUCTIO	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 48
<b>Public Info Code:</b> Y 24-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5482 / 5436	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8150 / 7937	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 120	Date of Summary: 30-JUL-1984	First Sample Examined: 0
Lease Number: G05545	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5665
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5665
API Well Number: 177114079500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 16-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5228 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 123  
 Lease Number: G12939  
 Well Name: 001  
 API Well Number: 177114117000  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-APR-1996

Date of Summary: 21-AUG-1995  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: VASTAR RESOURCES INC.  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 16692  
 Borehole TVD: 16688  
 Rkb Elevation: 100  
 Water Depth: 28  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12720 /12719	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13290 /13289	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14760 /14759	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
15720 /15718	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 130	Date of Summary: 17-FEB-1984	First Sample Examined: 7000
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 12523
Well Name: E004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11155
API Well Number: 177114075900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7000 - 12520	Water Depth: 45
Public Info Code: Y 09-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6806	DEF AT first sample examined	DEF IN 2
7630 / 7283	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
9100 / 8444	DEF AT - - - - -	DEF AT 3
9670 / 8899	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11560 / 10377	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12520 / 11153	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 130	Date of Summary: 24-MAY-1984	First Sample Examined: 7000
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 13308
Well Name: E005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12057
API Well Number: 177114076200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7000 - 13300	Water Depth: 45
Public Info Code: Y 26-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF AT first sample examined	DEF AT 3
7001 / 7000	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10960 /10233	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11740 /10795	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13300 /11920	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 133  
 Lease Number: G03582  
 Well Name: A002  
 API Well Number: 177114057400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 07-DEC-1995

Date of Summary: 29-JUN-1981  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: AMINOIL INC.  
 Sample Range: 4690 - 12430  
 Ecozone Eq MMS: Y

First Sample Examined: 4690  
 Borehole MD: 12431  
 Borehole TVD: 12003  
 Rkb Elevation: 65  
 Water Depth: 37  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4690 / 4406	DEF AT first sample examined	DEF IN 3
4990 / 4675	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5560 / 5179	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9010 / 8583	DEF AT sample gap top	POS AT 3
9110 / 8683	DEF AT sample gap bottom	DEF AT 3
9200 / 8773	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10910 /10483	POS AT Cyclammina cancellata (local marker)	DEF AT 3
11210 /10783	DEF AT -----	DEF AT 4
12430 /12002	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 133  
 Lease Number: G04228  
 Well Name: 002  
 API Well Number: 177114058600  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 04-OCT-1995

Date of Summary: 31-AUG-1981  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: AMINOIL INC.  
 Sample Range: 4500 - 12737  
 Ecozone Eq MMS: Y

First Sample Examined: 4500  
 Borehole MD: 12996  
 Borehole TVD: 12483  
 Rkb Elevation: 65  
 Water Depth: 37  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4410	DEF AT first sample examined	DEF AT 3
4501 / 4411	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4710 / 4608	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5610 / 5450	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10410 /10000	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10680 /10259	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11760 /11295	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
12737 /12235	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 133	Date of Summary: 10-MAY-1985	First Sample Examined: 0
Lease Number: G04228	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4616
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 4616
API Well Number: 177114083600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 04-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3788 / 3788	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 133	Date of Summary: 17-FEB-1981	First Sample Examined: 3500
Lease Number: G04228	Source of Paleo: OPERATOR	Borehole MD: 14037
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14037
API Well Number: 177114054600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3500 - 14040	Water Depth: 37
Public Info Code: Y 04-OCT-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 3
3501 / 3501	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4220 / 4220	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4340 / 4340	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4700 / 4700	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5420 / 5420	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10590 /10590	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
10620 /10620	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12240 /12240	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12870 /12869	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
14040 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 133	Date of Summary: 20-MAY-1982	First Sample Examined: 3143
Lease Number: G04228	Source of Paleo: OPERATOR	Borehole MD: 12967
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12127
API Well Number: 177114062900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 3143 - 12960	Water Depth: 37
Public Info Code: Y 04-OCT-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3143 / 3037	DEF AT first sample examined	DEF IN 2
4200 / 4013	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4940 / 4702	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5310 / 5047	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5850 / 5551	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10360 / 9753	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10920 /10274	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
12180 /11431	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
12960 /12121	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 134	<b>Date of Summary:</b> 17-DEC-1997	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05201	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6200
<b>Well Name:</b> 009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6200
<b>API Well Number:</b> 177114074900	<b>Drilling Operator:</b> MURPHY EXPLORATION & PRODUCTIO	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 43
<b>Public Info Code:</b> Y 12-JAN-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5823 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 135	Date of Summary: 25-JUN-1984	First Sample Examined: 0
Lease Number: G03164	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7070
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 7070
API Well Number: 177114076400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 06-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 139	Date of Summary: 23-JUN-1998	First Sample Examined: 13490
Lease Number: G13915	Source of Paleo: OPERATOR	Borehole MD: 15474
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14795
API Well Number: 177114126600	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 3500 - 15470	Water Depth: 62
Public Info Code: Y 05-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
13490 /13165	DEF AT first sample examined	DEF AT 3
13491 /13166	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
14060 /13622	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
14270 /13793	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14690 /14133	POS AT Arenaceous fauna (local marker)	DEF AT 4
15080 /14453	DEF AT local marker foram increase	DEF IN 4
15140 /14504	DEF AT local marker foram increase	DEF IN 4
15260 /14605	DEF AT limestone	DEF IN 4
15261 /14606	POS AT cement	DEF IN 4
15273 /14616	DEF AT drilling material	DEF IN 4
15320 /14656	POS AT local marker foram decrease	DEF IN 4
15470 /14785	DEF AT last sample examined	DEF IN 4

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

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Start Date: 01-JAN-1994  
End Date: 31-DEC-1999

<b>Area Block:</b> SS 139	<b>Date of Summary:</b> 20-OCT-1998	<b>First Sample Examined:</b> 14000
<b>Lease Number:</b> G13915	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15474
<b>Well Name:</b> 001	<b>Paleo Done By:</b> MJ SEQUENCE BIOSTRAT. SVGE. (MJIANG)	<b>Borehole TVD:</b> 14795
<b>API Well Number:</b> 177114126600	<b>Drilling Operator:</b> VASTAR RESOURCES INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 14000 - 15470	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 05-DEC-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /13573	DEF AT first sample examined	DEF AT
14030 /13598	DEF IN Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14120 /13670	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14210 /13744	DEF AT local marker floral decrease	DEF AT
14840 /14255	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15110 /14479	POS AT unconformity	DEF AT
15140 /14504	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
15229 /14579	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15230 /14580	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
15470 /14785	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 139	Date of Summary: 23-JUN-1998	First Sample Examined: 14684
Lease Number: G13915	Source of Paleo: OPERATOR	Borehole MD: 15310
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14570
API Well Number: 177114126601	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 14684 - 15310	Water Depth: 62
Public Info Code: Y 05-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14684 /14127	DEF AT first sample examined	DEF AT
14685 /14128	DEF AT drilling material	DEF AT
14686 /14129	DEF AT poor sample interval top	DEF AT
14709 /14147	DEF AT poor sample interval bottom	DEF AT
14710 /14148	POS AT Arenaceous fauna (local marker)	DEF AT 4
14770 /14194	DEF AT Arenaceous fauna (local marker)	DEF AT 4
15220 /14510	DEF AT local marker foram increase	DEF IN 4
15310 /14570	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 139	<b>Date of Summary:</b> 20-OCT-1998	<b>First Sample Examined:</b> 14684
<b>Lease Number:</b> G13915	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15310
<b>Well Name:</b> 001	<b>Paleo Done By:</b> MJ SEQUENCE BIOSTRAT. SVGE. (MJIANG)	<b>Borehole TVD:</b> 14570
<b>API Well Number:</b> 177114126601	<b>Drilling Operator:</b> VASTAR RESOURCES INC.	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 14684 - 15310	<b>Water Depth:</b> 62
<b>Public Info Code:</b> Y 05-DEC-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14684 /14127	DEF AT first sample examined	DEF AT
14770 /14194	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15190 /14490	DEF AT fault	DEF AT
15220 /14510	DEF AT local marker floral increase	DEF AT
15280 /14550	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15310 /14570	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 139	Date of Summary: 23-JUN-1998	First Sample Examined: 12550
Lease Number: G13915	Source of Paleo: OPERATOR	Borehole MD: 16460
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14857
API Well Number: 177114126602	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 12550 - 16460	Water Depth: 60
Public Info Code: Y 05-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Sample quality ranged from adequate to very poor throughout the interval

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14050 /13414	DEF AT first sample examined	DEF AT
14051 /13414	DEF AT drilling material	DEF AT
14052 /13415	DEF AT poor sample interval top	DEF AT
14170 /13492	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
14350 /13609	POS AT Arenaceous fauna (local marker)	DEF AT
15010 /14014	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT
15219 /14136	DEF AT poor sample interval bottom	DEF AT
15220 /14137	DEF AT Arenaceous fauna (local marker)	DEF AT 4
15910 /14540	POS AT Arenaceous fauna (local marker)	DEF AT 4
16460 /14857	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 139	Date of Summary: 19-OCT-1998	First Sample Examined: 13990
Lease Number: G13915	Source of Paleo: OPERATOR	Borehole MD: 16460
Well Name: 001	Paleo Done By: MJ SEQUENCE BIOSTRAT. SVGE. (MJIANG)	Borehole TVD: 14857
API Well Number: 177114126602	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 13990 - 16460	Water Depth: 60
Public Info Code: Y 05-DEC-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
13990 /13375	DEF AT first sample examined	DEF AT
13991 /13375	DEF IN Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14140 /13472	DEF AT local marker floral decrease	DEF AT
14380 /13629	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14670 /13812	POS AT local marker floral increase	DEF AT
14730 /13849	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
14740 /13855	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
14910 /13956	DEF AT local marker floral decrease	DEF AT
15720 /14432	POS AT local marker floral increase	DEF AT
16060 /14625	DEF AT local marker floral decrease	DEF AT
16460 /14857	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 145	Date of Summary: 22-AUG-1985	First Sample Examined: 0
Lease Number: G01014	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6600
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 6600
API Well Number: 177114075200	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 19-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5950 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 145	Date of Summary: 23-AUG-1985	First Sample Examined: 0
Lease Number: G01014	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8434
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 6580
API Well Number: 177114075700	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 18-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5350 / 4409	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 145	Date of Summary: 22-AUG-1985	First Sample Examined: 0
Lease Number: G01014	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6679
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 177114082700	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 07-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5350 / 5183	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 146	Date of Summary: 01-SEP-1978	First Sample Examined: 5008
Lease Number: G03582	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10500
API Well Number: 177114038700	Drilling Operator: GENERAL CRUDE OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 5008 - 10470	Water Depth: 42
Public Info Code: Y 07-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5008 / 5008	DEF AT first sample examined	DEF IN 2
5009 / 5009	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
5490 / 5490	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5910 / 5910	DEF AT local marker foram decrease	DEF AT 3
8740 / 8740	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9670 / 9670	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10470 /10469	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 160	Date of Summary: 05-NOV-1985	First Sample Examined: 1027
Lease Number: G05547	Source of Paleo: OPERATOR	Borehole MD: 17843
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17827
API Well Number: 177114080100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1027 - 17840	Water Depth: 50
Public Info Code: Y 27-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1027 / 1027	DEF AT first sample examined	DEF AT 1
1340 / 1340	DEF AT -----	DEF AT 2
1780 / 1780	DEF AT -----	DEF IN 1
2207 / 2207	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2900 / 2900	DEF AT -----	DEF AT 2
3966 / 3966	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5581 / 5581	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5950 / 5950	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7100 / 7100	DEF AT -----	DEF AT 2
8250 / 8250	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 2
8400 / 8400	DEF AT -----	DEF IN 1
9540 / 9540	DEF AT -----	DEF IN 2
9601 / 9601	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 2
9770 / 9770	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
9830 / 9830	DEF AT -----	DEF IN 1
10910 /10910	DEF AT -----	DEF AT 2
11420 /11420	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
11960 /11960	DEF AT -----	DEF IN 2
12350 /12350	DEF AT -----	DEF AT 2
12950 /12949	DEF AT Cyclammina sp. (local marker)	DEF IN 2
13750 /13749	DEF AT Arenaceous fauna (local marker)	DEF IN 2
13770 /13769	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 160	Date of Summary: 05-NOV-1985	First Sample Examined: 1027
Lease Number: G05547	Source of Paleo: OPERATOR	Borehole MD: 17843
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17827
API Well Number: 177114080100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1027 - 17840	Water Depth: 50
Public Info Code: Y 27-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14130 /14129	DEF AT -----	POS AT 3
15300 /15298	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
16710 /16702	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
17250 /17237	DEF AT -----	DEF AT 5
17840 /17824	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 170	Date of Summary: 24-APR-1985	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11884
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 11049
API Well Number: 177114083400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 139
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 01-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6916 / 6494	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7816 / 7331	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8325 / 7803	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9464 / 8851	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11676 / 10866	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 170	Date of Summary: 12-APR-1985	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12647
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 10442
API Well Number: 177114083900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 139
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 18-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7546 / 6723	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8635 / 7530	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10092 / 8536	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12050 / 9986	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-1994

End Date: 31-DEC-1999

Area Block: SS 170	Date of Summary: 21-AUG-1985	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13867
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 10336
API Well Number: 177114084400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 143
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 29-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8422 / 6611	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9752 / 7562	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10666 / 8208	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12414 / 9361	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 170	Date of Summary: 09-OCT-1985	First Sample Examined: 0
Lease Number: G03584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13772
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 10578
API Well Number: 177114086200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 143
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 08-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7404 / 6505	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8983 / 7549	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10443 / 8494	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12828 / 9908	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 176	Date of Summary: 13-DEC-1990	First Sample Examined: 0
Lease Number: 00589	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7845
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 6996
API Well Number: 177114099800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 07-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6895 / 6285	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 176	Date of Summary: 08-JAN-1995	First Sample Examined: 0
Lease Number: 00589	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13812
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 12685
API Well Number: 177114106900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 07-APR-1996	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11865 /11538	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 178	Date of Summary: 07-JAN-1986	First Sample Examined: 0
Lease Number: G05551	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13301
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12030
API Well Number: 177114076800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 12-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5290 / 5290	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5680 / 5680	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6500 / 6500	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9050 / 8694	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10550 / 9864	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11960 / 10991	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 178	Date of Summary: 16-JUL-1986	First Sample Examined: 2970
Lease Number: G05551	Source of Paleo: OPERATOR	Borehole MD: 13125
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11344
API Well Number: 177114080800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 2970 - 13110	Water Depth: 87
Public Info Code: Y 06-NOV-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
2970 / 2970	DEF AT first sample examined	DEF AT
3370 / 3370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5260 / 5259	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6770 / 6639	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7160 / 6952	DEF AT local marker foram increase	DEF AT
7460 / 7185	DEF AT sample gap top	DEF AT
7690 / 7353	DEF AT sample gap bottom	DEF AT
9790 / 8859	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10120 / 9103	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11050 / 9783	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12510 / 10887	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13110 / 11333	DEF AT last sample examined	DEF AT



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<b>Area Block:</b> SS 180	<b>Date of Summary:</b> 07-JUL-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12946	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7254
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7254
<b>API Well Number:</b> 177114108100	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 72
<b>Public Info Code:</b> Y 30-APR-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1994

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Area Block: SS 181	Date of Summary: 26-JAN-1988	First Sample Examined: 0
Lease Number: G04231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12839
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 11042
API Well Number: 177114092100	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 11-DEC-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10684 / 9243	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 181	<b>Date of Summary:</b> 01-FEB-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04231	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15952
<b>Well Name:</b> D002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12076
<b>API Well Number:</b> 177114091301	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 01-JUL-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7981 / 7071	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9740 / 8195	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11523 / 9355	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14011 /10921	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 185	Date of Summary: 25-SEP-1998	First Sample Examined: 0
Lease Number: G14501	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17105
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17098
API Well Number: 177114127300	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17046 /17039	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 190	Date of Summary: 10-NOV-1989	First Sample Examined: 8010
Lease Number: G10775	Source of Paleo: OPERATOR	Borehole MD: 15924
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15919
API Well Number: 177114099400	Drilling Operator: HARBERT ENERGY CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8010 - 15900	Water Depth: 76
Public Info Code: Y 07-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 8010	DEF AT first sample examined	DEF AT 4
8011 / 8011	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8100 / 8100	DEF AT -----	DEF AT 3
9240 / 9240	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10050 /10050	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11640 /11640	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12690 /12690	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12870 /12870	DEF AT -----	DEF AT 4
15900 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 191	Date of Summary: 14-OCT-1985	First Sample Examined: 3500
Lease Number: G05555	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177114086400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3500 - 16000	Water Depth: 70
Public Info Code: Y 12-NOV-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3499	DEF AT first sample examined	DEF AT 3
3501 / 3500	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6110 / 6109	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6500 / 6499	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6560 / 6559	DEF AT -----	DEF AT 4
7370 / 7369	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8330 / 8329	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10190 /10189	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12740 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
13310 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
15140 /	DEF AT -----	DEF AT 5
15800 /	DEF AT -----	DEF AT 6
16000 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 191	Date of Summary: 05-MAY-1989	First Sample Examined: 0
Lease Number: G05555	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14600
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14600
API Well Number: 177114097400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 03-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
6400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6730 /	DEF AT - - - - -	DEF AT 4
7240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10180 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
13030 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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Start Date: 01-JAN-1994

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Area Block: SS 191	Date of Summary: 13-JUL-1990	First Sample Examined: 0
Lease Number: G05555	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14020
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14020
API Well Number: 177114097500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 21-MAR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
6560 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6590 /	DEF AT - - - - -	DEF AT 4
7850 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11450 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12350 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 198	Date of Summary: 09-DEC-1988	First Sample Examined: 4530
Lease Number: 00593	Source of Paleo: OPERATOR	Borehole MD: 13433
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13433
API Well Number: 177114096600	Drilling Operator: CONOCO INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4530 - 13380	Water Depth: 105
Public Info Code: Y 11-DEC-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 /	DEF AT first sample examined	DEF AT 1
4531 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5310 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6780 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
6930 /	DEF AT -----	DEF AT 1
8880 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9750 /	DEF AT -----	DEF AT 2
9810 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
10140 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10500 /	DEF AT -----	DEF AT 1
10830 /	DEF AT -----	DEF AT 2
10860 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
11010 /	DEF AT -----	DEF AT 1
11550 /	DEF AT Cyclamina sp. (local marker)	DEF AT 1
12420 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 1
13320 /	DEF AT Eggerella 3 (local marker)	DEF AT 2
13380 /	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-1994

End Date: 31-DEC-1999

Area Block: SS 198	Date of Summary: 22-MAY-1984	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11339
Well Name: J001	Paleo Done By: OPERATOR	Borehole TVD: 9733
API Well Number: 177114077300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 24-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4197	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5277 / 5207	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6845 / 6393	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7624 / 6940	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8231 / 7392	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 198	Date of Summary: 21-JAN-1985	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11200
Well Name: J002	Paleo Done By: OPERATOR	Borehole TVD: 9595
API Well Number: 177114072500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 15-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 4319	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5435 / 5389	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7122 / 6666	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8636 / 7721	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9504 / 8365	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 198	Date of Summary: 23-JUN-1994	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14100
Well Name: J003	Paleo Done By: OPERATOR	Borehole TVD: 11801
API Well Number: 177114078400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 08-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5250 / 5239	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6290 / 6165	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6950 / 6642	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9930 / 8843	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10990 / 9676	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11940 / 10403	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-1994

End Date: 31-DEC-1999

Area Block: SS 198	Date of Summary: 03-MAY-1984	First Sample Examined: 0
Lease Number: G12355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9790
Well Name: J004	Paleo Done By: OPERATOR	Borehole TVD: 9316
API Well Number: 177114077200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 04-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 4316	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5500 / 5364	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6900 / 6661	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8100 / 7779	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8820 / 8430	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 204	<b>Date of Summary:</b> 20-FEB-1986	<b>First Sample Examined:</b> 10000
<b>Lease Number:</b> G01520	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14191
<b>Well Name:</b> A028	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12623
<b>API Well Number:</b> 177110071002	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 10000 - 14140	<b>Water Depth:</b> 105
<b>Public Info Code:</b> Y 28-FEB-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Sidetrack 5 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9380	DEF AT first sample examined	DEF AT 3
10290 / 9605	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11940 /10844	DEF AT sample gap top	POS AT 4
12750 /11476	DEF AT sample gap bottom	DEF AT 4
13080 /11753	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14140 /12586	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 205	Date of Summary: 11-FEB-1971	First Sample Examined: 8000
Lease Number: G01521	Source of Paleo: OPERATOR	Borehole MD: 10438
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10438
API Well Number: 177114000800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 8000 - 10438	Water Depth: 107
Public Info Code: Y 10-OCT-1995	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 AT
8270 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9870 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10280 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10438 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 205	Date of Summary: 29-JUL-1971	First Sample Examined: 8400
Lease Number: G01521	Source of Paleo: OPERATOR	Borehole MD: 9947
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9422
API Well Number: 177114005600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 8400 - 9947	Water Depth: 107
Public Info Code: Y 10-OCT-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 8014	DEF AT first sample examined	DEF IN 3
9210 / 8823	DEF AT Cyclammia cancellata (local marker)	DEF AT 3
9810 / 9422	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9947 / 9559	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 207	Date of Summary: 10-APR-1984	First Sample Examined: 10000
Lease Number: G01523	Source of Paleo: OPERATOR	Borehole MD: 11786
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11464
API Well Number: 177114011301	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10000 - 11481	Water Depth: 150
Public Info Code: Y 07-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9874	DEF AT first sample examined	DEF AT 4
10001 / 9875	DEF IN Cyclammia cancellata (local marker)	DEF IN 4
11452 /11178	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11481 /11204	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 237	Date of Summary: 21-JUN-1991	First Sample Examined: 0
Lease Number: G11989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177124044500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 / 5489	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6690 / 6566	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8760 / 8499	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9420 / 9125	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 248	Date of Summary: 08-FEB-1977	First Sample Examined: 0
Lease Number: G03571	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7999
API Well Number: 177124014400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 03-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 6055	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7170 / 7089	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 250	Date of Summary: 30-SEP-1994	First Sample Examined: 4600
Lease Number: G10781	Source of Paleo: OPERATOR	Borehole MD: 17750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17736
API Well Number: 177124051400	Drilling Operator: JAPEX US CORP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4600 - 17750	Water Depth: 190
Public Info Code: Y 05-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT first sample examined	DEF AT 2
4601 / 4601	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
5410 / 5410	DEF AT - - - - -	DEF AT 3
5530 / 5530	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5740 / 5740	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
7840 / 7840	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
9010 / 9010	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 3
12129 /12123	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
12130 /12124	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
12190 /12184	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 3
12339 /12333	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	POS AT 4
12340 /12334	DEF AT salt	POS AT 4
13250 /13243	DEF AT base of salt	POS AT 4
13288 /13281	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
13360 /13352	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14110 /14102	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 6
14380 /14371	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
15970 /15960	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 6
17410 /17396	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 6
17439 /17425	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 6
17440 /17426	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
17750 /17736	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 251	Date of Summary: 04-APR-1996	First Sample Examined: 0
Lease Number: G10782	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16355
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16293
API Well Number: 177124155000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 02-MAR-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
6010 / 6010	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8200 / 8200	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8630 / 8630	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
10870 /10867	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
11380 /11374	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
11800 /11789	DEF AT local marker benthic foram increase	DEF AT
12460 /12437	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
16090 /16028	DEF AT Lower Pliocene (Zanclian) Buliminella 1	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-1994

End Date: 31-DEC-1999

Area Block: SS 251	Date of Summary: 15-OCT-1996	First Sample Examined: 0
Lease Number: G10782	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10980
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10950
API Well Number: 177124050800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 02-MAR-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6640 / 6612	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9040 / 9012	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9280 / 9251	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10960 / 10929	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 257	Date of Summary: 13-DEC-1992	First Sample Examined: 0
Lease Number: G12952	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15135
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12881
API Well Number: 177124047100	Drilling Operator: DAVIS OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11730 /10553	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 263	Date of Summary: 04-JUN-1996	First Sample Examined: 0
Lease Number: G10784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 1734
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 1734
API Well Number: 177124055400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 14-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1550 / 1550	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 263	Date of Summary: 04-JUN-1996	First Sample Examined: 0
Lease Number: G10784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 1830
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 1830
API Well Number: 177124055500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 14-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 275	Date of Summary: 10-AUG-1995	First Sample Examined: 0
Lease Number: G14507	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12760
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8877
API Well Number: 177124053900	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 31-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6011 / 5264	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9030 / 6860	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9660 / 7183	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 277	Date of Summary: 23-OCT-1997	First Sample Examined: 0
Lease Number: G09627	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7875
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6353
API Well Number: 177124036800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 219
Public Info Code: Y 24-OCT-1998	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>
1950 / 1683	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2610 / 2033	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4590 / 3276	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6900 / 5386	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6960 / 5446	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 278	Date of Summary: 17-NOV-1989	First Sample Examined: 4560
Lease Number: G10786	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7500
API Well Number: 177124040500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4560 - 7500	Water Depth: 204
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 /	DEF AT first sample examined	DEF AT 1
4770 /	DEF AT -----	DEF AT 2
5040 /	DEF AT -----	DEF AT 1
5730 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
6030 /	DEF AT -----	DEF AT 1
6120 /	DEF AT -----	DEF AT 2
6210 /	DEF AT -----	DEF AT 1
6660 /	DEF AT -----	DEF AT 2
6720 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7380 /	DEF AT -----	DEF AT 3
7470 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 280	Date of Summary: 02-SEP-1993	First Sample Examined: 1200
Lease Number: G10788	Source of Paleo: OPERATOR	Borehole MD: 11589
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11386
API Well Number: 177124048800	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1200 - 11040	Water Depth: 195
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1200 / 1200	DEF AT first sample examined	DEF AT 2
1620 / 1620	DEF AT -----	DEF AT 3
1650 / 1649	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3180 / 3084	DEF AT -----	DEF AT 3
4350 / 4162	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4860 / 4662	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiszens (acme "A")	DEF AT 4
6510 / 6309	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8310 / 8109	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8400 / 8199	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9390 / 9189	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9540 / 9339	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10740 /10539	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11040 /10838	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 288	Date of Summary: 16-JUN-1993	First Sample Examined: 0
Lease Number: G11999	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13855
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13109
API Well Number: 177124046300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 226
Public Info Code: Y 25-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5240 / 5240	DEF AT local marker foram increase	DEF AT
5600 / 5600	DEF AT local marker foram increase	DEF AT
5690 / 5690	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7160 / 7160	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9020 / 8962	DEF AT local marker foram increase	DEF AT
9590 / 9446	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9770 / 9598	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9890 / 9700	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
10070 / 9852	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13340 / 12655	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 296	<b>Date of Summary:</b> 29-NOV-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10793	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6000
<b>API Well Number:</b> 177124043700	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 263
<b>Public Info Code:</b> Y 30-JUN-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3130	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5260 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 299	<b>Date of Summary:</b> 22-APR-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G07759	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7651
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7252
<b>API Well Number:</b> 177124037300	<b>Drilling Operator:</b> FOREST OIL CORPORATION	<b>Rkb Elevation:</b> 106
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 261
<b>Public Info Code:</b> Y 19-DEC-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1898 / 1898	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2500 / 2500	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
2561 / 2561	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3370 / 3366	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4990 / 4857	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5030 / 4894	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5278 / 5118	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 299	Date of Summary: 20-APR-1998	First Sample Examined: 0
Lease Number: G07759	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5478
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 177124037800	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 256
Public Info Code: Y 17-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2230 / 2203	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4210 / 3974	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4360 / 4108	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 300	Date of Summary: 28-AUG-1989	First Sample Examined: 3020
Lease Number: G07760	Source of Paleo: OPERATOR	Borehole MD: 8020
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6891
API Well Number: 177124037400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 3020 - 8020	Water Depth: 266
Public Info Code: Y 18-SEP-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 2916	DEF AT first sample examined	DEF AT 3
3620 / 3405	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5150 / 4672	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5660 / 5089	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5930 / 5309	DEF AT faunal change (no faunal increase)	DEF AT 3
6350 / 5661	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6680 / 5936	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8020 / 6946	DEF AT last sample examined	DEF AT 3

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 311	Date of Summary: 18-AUG-1993	First Sample Examined: 4850
Lease Number: G10797	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15997
API Well Number: 177124048500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 4850 - 16000	Water Depth: 280
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4850 / 4850	DEF AT first sample examined	DEF AT 4
4851 / 4851	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6770 / 6770	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
6830 / 6830	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6890 / 6890	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
7220 / 7220	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7880 / 7880	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8180 / 8180	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9200 / 9200	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9590 / 9589	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9619 / 9618	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9620 / 9619	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10220 /10219	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
12550 /12548	DEF AT Arenaceous fauna (local marker)	DEF AT 5
12970 /12968	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13030 /13028	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
13180 /13178	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13990 /13987	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
14080 /14077	DEF AT faunal change (no faunal increase)	DEF AT 6
14530 /14527	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
15490 /15487	DEF AT local marker planktic foram increase	DEF AT 6
16000 /15997	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 311	Date of Summary: 18-AUG-1993	First Sample Examined: 4850
Lease Number: G10797	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15997
API Well Number: 177124048500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4850 - 16000	Water Depth: 280
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4850 / 4850	DEF AT first sample examined	DEF AT
6740 / 6740	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6890 / 6890	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7100 / 7100	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7880 / 7880	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8210 / 8210	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9380 / 9379	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
9589 / 9588	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9590 / 9589	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9620 / 9619	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10100 /10099	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10280 /10279	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
13990 /13987	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
15370 /15367	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
16000 /15997	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 329  
 Lease Number: G10804  
 Well Name: 001  
 API Well Number: 177124047800  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-APR-1994

Date of Summary: 09-JUN-1993  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC  
 Sample Range: 0 - 0  
 Ecozone Eq MMS: Y

First Sample Examined: 0  
 Borehole MD: 14784  
 Borehole TVD: 14500  
 Rkb Elevation: 82  
 Water Depth: 358  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2060 / 2060	DEF AT -----	DEF AT 2
2990 / 2990	DEF AT -----	DEF AT 3
3350 / 3350	DEF AT -----	DEF AT 4
4190 / 4190	DEF AT -----	DEF AT 3
4550 / 4550	DEF AT -----	DEF AT 2
4850 / 4850	DEF AT -----	DEF AT 4
7850 / 7849	DEF AT -----	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 331	Date of Summary: 10-SEP-1999	First Sample Examined: 0
Lease Number: G13631	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12678
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12165
API Well Number: 177124049800	Drilling Operator: POGO PRODUCING COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 366
Public Info Code: Y 19-AUG-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10060 / 9624	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
11230 /10763	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11320 /10851	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
11770 /11290	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 331	Date of Summary: 06-JUN-1994	First Sample Examined: 4500
Lease Number: G13631	Source of Paleo: OPERATOR	Borehole MD: 13092
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12087
API Well Number: 177124051000	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 4500 - 13080	Water Depth: 366
Public Info Code: Y 19-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4496	DEF AT first sample examined	DEF AT 4
5580 / 5576	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
9660 / 9217	DEF AT - - - - -	DEF AT 5
9990 / 9493	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11940 /11119	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12180 /11320	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12210 /11345	DEF AT - - - - -	DEF AT 6
12330 /11446	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
12360 /11472	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13080 /12077	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 331	Date of Summary: 06-JUN-1994	First Sample Examined: 4500
Lease Number: G13631	Source of Paleo: OPERATOR	Borehole MD: 13092
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12087
API Well Number: 177124051000	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 4500 - 13080	Water Depth: 366
Public Info Code: Y 19-AUG-1998	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4500 / 4496	DEF AT first sample examined	DEF AT
5130 / 5126	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8670 / 8391	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9660 / 9217	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9720 / 9267	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
9960 / 9468	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11040 /10370	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11130 /10445	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11937 /11116	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
11938 /11117	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11939 /11118	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11940 /11119	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
11999 /11168	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12000 /11169	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12300 /11421	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
13080 /12077	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 331	Date of Summary: 25-OCT-1994	First Sample Examined: 4650
Lease Number: G13631	Source of Paleo: OPERATOR	Borehole MD: 13068
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12373
API Well Number: 177124052400	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 4650 - 13066	Water Depth: 366
Public Info Code: Y 19-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4650 / 4541	DEF AT first sample examined	DEF AT 4
5610 / 5479	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9810 / 9249	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
9840 / 9278	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9870 / 9306	DEF AT - - - - -	DEF AT 5
10050 / 9476	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11340 /10706	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11370 /10735	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11940 /11285	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12120 /11458	DEF AT - - - - -	DEF AT 6
12150 /11487	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
12480 /11805	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13066 /12372	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> SS 331	<b>Date of Summary:</b> 25-OCT-1994	<b>First Sample Examined:</b> 4650
<b>Lease Number:</b> G13631	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13068
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12373
<b>API Well Number:</b> 177124052400	<b>Drilling Operator:</b> TATHAM OFFSHORE INC	<b>Rkb Elevation:</b> 107
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4650 - 13066	<b>Water Depth:</b> 366
<b>Public Info Code:</b> Y 19-AUG-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4650 / 4541	DEF AT first sample examined	DEF AT
5100 / 4988	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8610 / 8116	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9810 / 9249	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10050 / 9476	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10860 /10244	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11100 /10475	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11220 /10590	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11337 /10703	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11338 /10704	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
11339 /10705	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11340 /10706	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
12060 /11400	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12450 /11776	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
13066 /12372	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 351	Date of Summary: 21-JUN-1996	First Sample Examined: 0
Lease Number: G12959	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177124055700	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 366
Public Info Code: Y 20-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 / 4080	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4920 / 4920	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7980 / 7980	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 357	Date of Summary: 14-FEB-1997	First Sample Examined: 1600
Lease Number: G12960	Source of Paleo: OPERATOR	Borehole MD: 20610
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20610
API Well Number: 177124056800	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1600 - 20611	Water Depth: 420
Public Info Code: Y 20-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1600 / 1600	DEF AT first sample examined	DEF AT 3
2350 / 2350	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3040 / 3040	DEF AT - - - - -	DEF AT 5
3070 / 3070	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3100 / 3100	DEF AT - - - - -	DEF AT 4
5350 / 5350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6460 / 6460	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7450 / 7450	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8980 / 8980	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9310 / 9310	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9970 / 9970	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10840 /10840	DEF AT anhydrite	DEF AT 5
11200 /11199	DEF AT salt	DEF AT 5
16230 /16224	DEF AT base of salt	DEF AT 5
16920 /16913	DEF AT salt	DEF AT 5
17190 /17183	DEF AT base of salt	DEF AT 5
17490 /17483	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
17640 /17633	DEF AT - - - - -	DEF AT 6
17850 /17843	DEF AT - - - - -	DEF AT 5
19620 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
20611 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 357	Date of Summary: 14-FEB-1997	First Sample Examined: 1600
Lease Number: G12960	Source of Paleo: OPERATOR	Borehole MD: 20610
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20610
API Well Number: 177124056800	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1600 - 20611	Water Depth: 420
Public Info Code: Y 20-JUN-1997	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1600 / 1600	DEF AT first sample examined	DEF AT
2980 / 2980	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5920 / 5920	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6460 / 6460	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6910 / 6910	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7510 / 7510	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7750 / 7750	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9190 / 9190	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
9310 / 9310	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9340 / 9340	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9610 / 9610	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9940 / 9940	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11050 / 11050	DEF AT salt	DEF AT
16230 / 16224	DEF AT base of salt	DEF AT
17760 / 17753	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
17880 / 17873	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
18540 / 18532	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
19350 / 19311	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
20611 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 358	Date of Summary: 06-SEP-1995	First Sample Examined: 0
Lease Number: G12009	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13883
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11129
API Well Number: 177124050000	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 385
Public Info Code: Y 31-JAN-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5580 / 5569	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9570 / 8705	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9870 / 8942	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10770 / 9660	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 360	Date of Summary: 07-FEB-1992	First Sample Examined: 1470
Lease Number: G10810	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177124045000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1470 - 11013	Water Depth: 397
Public Info Code: Y 06-NOV-1995	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>
1470 / 1470	DEF AT first sample examined	POS AT 3
1471 / 1471	DEF AT cement	POS AT 3
1620 / 1620	DEF AT -----	DEF AT 3
2520 / 2520	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2730 / 2730	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3180 / 3180	DEF AT cement	POS AT 4
3240 / 3240	DEF AT -----	DEF AT 4
4430 / 4430	DEF AT -----	DEF AT 3
4760 / 4760	DEF AT -----	DEF AT 4
6110 / 6110	DEF AT -----	DEF AT 5
6350 / 6350	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6440 / 6440	DEF AT -----	DEF AT 4
6770 / 6770	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
6860 / 6860	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
7742 / 7742	DEF AT cement	POS AT 5
8000 / 8000	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
8600 / 8599	DEF AT -----	DEF AT 4
10099 /10097	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
10100 /10098	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
10460 /10458	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10850 /10848	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11013 /11011	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 360	Date of Summary: 20-SEP-1994	First Sample Examined: 0
Lease Number: G10810	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 18992
API Well Number: 177124051200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 393
Public Info Code: Y 06-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6490 / 6490	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6670 / 6670	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7510 / 7509	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7570 / 7569	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7690 / 7689	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7990 / 7989	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10990 /10988	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12640 /12637	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
13540 /13537	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
14020 /14017	DEF AT Upper Miocene (Messinian) Discoaster quinqueram us	DEF AT
16330 /16327	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
18170 /18165	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
18990 /18982	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SS 368  
Lease Number: G10814  
Well Name: 001  
API Well Number: 177124051802  
Paleo Report Num: 1 of 1  
Public Info Code: Y 18-MAY-1995

Date of Summary: 19-JAN-1995  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: HESS CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 16400  
Borehole TVD: 15801  
Rkb Elevation: 82  
Water Depth: 457  
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
5750 / 5750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8810 / 8810	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8840 / 8840	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11960 / 11924	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 22	Date of Summary: 19-NOV-1984	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11650
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 11650
API Well Number: 177154056300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 27-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9730 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10375 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10910 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11270 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 27	Date of Summary: 07-MAY-1986	First Sample Examined: 0
Lease Number: 00165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10694
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 10138
API Well Number: 177154064101	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 145
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 09-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 / 7943	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8650 / 8258	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
9340 / 8883	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10180 / 9660	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10500 / 9958	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 28	Date of Summary: 11-AUG-1993	First Sample Examined: 0
Lease Number: G09636	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13610
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13610
API Well Number: 177154081900	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 04-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 6399	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9240 / 9239	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
10950 /10948	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12930 /12927	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 32	Date of Summary: 25-NOV-1998	First Sample Examined: 0
Lease Number: G13929	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10361
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10361
API Well Number: 177154095700	Drilling Operator: BOIS D'ARC OPERATING CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 24-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9845 / 9843	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 38	Date of Summary: 11-DEC-1989	First Sample Examined: 4500
Lease Number: G09637	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10492
API Well Number: 177154073100	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10530	Water Depth: 56
Public Info Code: Y 12-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF IN 3
4980 /	DEF AT - - - - -	DEF AT 2
5700 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9240 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9600 /	DEF AT - - - - -	DEF AT 4
9720 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10530 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 38	Date of Summary: 11-DEC-1989	First Sample Examined: 9120
Lease Number: G09637	Source of Paleo: OPERATOR	Borehole MD: 12183
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11452
API Well Number: 177154073101	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 9120 - 12183	Water Depth: 56
Public Info Code: Y 29-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9120 / 9116	DEF AT first sample examined	DEF AT 2
9720 / 9697	DEF AT -----	DEF AT 3
9810 / 9778	DEF AT -----	DEF AT 4
9900 / 9857	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10920 /10596	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12183 /11483	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 53	Date of Summary: 03-SEP-1987	First Sample Examined: 0
Lease Number: G04000	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12576
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 11583
API Well Number: 177154067200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 14-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4789 / 4737	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9302 / 8349	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 76	Date of Summary: 21-NOV-1986	First Sample Examined: 0
Lease Number: G04460	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 20858
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 20858
API Well Number: 177154064400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 04-OCT-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
11050 /11049	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
12370 /12369	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
14770 /14769	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT
15910 /15909	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
18010 /18008	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
20570 /20568	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 76	Date of Summary: 05-FEB-1986	First Sample Examined: 8000
Lease Number: G04460	Source of Paleo: OPERATOR	Borehole MD: 19064
Well Name: D001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 19064
API Well Number: 177154063400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 8000 - 19030	Water Depth: 60
Public Info Code: Y 25-JAN-1996	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 / 8000	DEF AT first sample examined	DEF AT 3
8680 / 8680	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10960 /10960	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
12340 /12339	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12520 /12519	DEF AT -----	DEF AT 3
13090 /13089	DEF AT -----	DEF AT 4
14740 /14739	DEF AT -----	DEF AT 5
14830 /14829	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
15940 /15939	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
17800 /17798	DEF AT -----	DEF AT 4
17980 /17978	DEF AT -----	DEF AT 5
18040 /18038	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
18820 /18818	DEF AT Eggerella 3 (local marker)	DEF AT 5
19030 /19028	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 76	Date of Summary: 05-FEB-1986	First Sample Examined: 14830
Lease Number: G04460	Source of Paleo: OPERATOR	Borehole MD: 19064
Well Name: D001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 19064
API Well Number: 177154063400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 8000 - 19030	Water Depth: 60
Public Info Code: Y 25-JAN-1996	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14830 /14829	DEF AT first sample examined	DEF AT
15460 /15459	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
19030 /19028	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 77	Date of Summary: 06-AUG-1986	First Sample Examined: 0
Lease Number: G04827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 19000
API Well Number: 177154064300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 01-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8970 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10950 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
12240 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14580 /	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
15690 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
17970 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 77	Date of Summary: 15-MAR-1985	First Sample Examined: 11000
Lease Number: G04827	Source of Paleo: OPERATOR	Borehole MD: 13850
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13571
API Well Number: 177154061300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 11000 - 13850	Water Depth: 65
Public Info Code: Y 10-APR-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /10818	DEF AT first sample examined	DEF AT 3
11001 /10819	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
11779 /11566	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11780 /11567	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12350 /12114	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12560 /12316	DEF AT faunal change (no faunal increase)	DEF AT 3
13550 /13276	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
13850 /13570	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 77	Date of Summary: 24-APR-1985	First Sample Examined: 4000
Lease Number: G04827	Source of Paleo: OPERATOR	Borehole MD: 11173
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10704
API Well Number: 177154061301	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11170	Water Depth: 65
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4000 / 3998	DEF AT first sample examined	DEF AT
4001 / 3998	DEF AT cement	DEF AT
4300 / 4295	DEF AT glauconite	DEF AT
5740 / 5659	DEF AT faunal change (no faunal increase)	DEF AT 3
5800 / 5716	DEF AT faunal change (no faunal increase)	DEF AT 2
9220 / 8888	DEF AT faunal change (no faunal increase)	DEF AT 3
9280 / 8943	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 3
10270 / 9855	DEF AT faunal change (no faunal increase)	DEF AT 2
11080 /10606	POS AT Upper Miocene (Messinian) <i>Globorotalia menardii</i> (coiling change right/left)	DEF AT 3
11170 /10690	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 77	Date of Summary: 30-DEC-1983	First Sample Examined: 6000
Lease Number: G04827	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14498
API Well Number: 177154056000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 6000 - 14520	Water Depth: 55
Public Info Code: Y 21-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT 2
9090 / 9090	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9190 / 9190	DEF AT faunal change (no faunal increase)	DEF AT 3
10800 /10800	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12149 /12148	DEF AT Bathysiphon fauna	DEF AT 3
12150 /12149	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
12870 /12869	DEF AT Eggerella sp. (local marker)	DEF AT 4
12960 /12959	DEF AT faunal change (no faunal increase)	DEF AT 3
13320 /13319	DEF AT faunal change (no faunal increase)	DEF AT 4
13350 /13349	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13800 /13799	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
14520 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 87	Date of Summary: 31-JAN-1992	First Sample Examined: 0
Lease Number: G10822	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13455
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13452
API Well Number: 177154079300	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 109
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 5390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8210 / 8210	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 100	Date of Summary: 01-JUL-1985	First Sample Examined: 0
Lease Number: G05599	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5975
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3590
API Well Number: 177154062200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 19-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4022 / 2748	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 100	Date of Summary: 20-APR-1988	First Sample Examined: 0
Lease Number: G05599	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12730
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12332
API Well Number: 177154069100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 22-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3064 / 3064	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3540 / 3540	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5030 / 5029	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6410 / 6382	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7885 / 7763	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10350 /10080	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT
12070 /11713	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 100	Date of Summary: 12-JUL-1985	First Sample Examined: 0
Lease Number: G05602	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12700
API Well Number: 177154058600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 25-OCT-1994	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
3500 / 3500	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5000 / 5000	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6370 / 6328	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7780 / 7659	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
10360 /10100	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11980 /11683	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 107	Date of Summary: 02-JAN-1991	First Sample Examined: 980
Lease Number: G05601	Source of Paleo: OPERATOR	Borehole MD: 22680
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22670
API Well Number: 177154070000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 980 - 22680	Water Depth: 75
Public Info Code: Y 31-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Company-integrated foram and nanno report, 8420=Lower Pliocene Helicosphaera rhomba, 18090=Calcidiscus umbilicus, 19350=Siphogenerina collomi, 20160=Upper Miocene (Tortonian) Uvigerina lirettensis, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
980 / 980	DEF AT first sample examined	DEF IN 1
981 / 981	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 1
1070 / 1070	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT 2
1250 / 1250	DEF AT -----	DEF IN 1
2120 / 2120	DEF AT -----	DEF AT 2
2180 / 2180	DEF AT -----	DEF IN 1
2540 / 2540	DEF AT -----	DEF AT 2
2570 / 2570	DEF AT -----	DEF AT 3
2930 / 2930	DEF AT -----	DEF IN 3
3770 / 3770	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4128 / 4128	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF IN 3
4129 / 4129	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 3
4130 / 4130	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
4310 / 4310	DEF AT -----	DEF AT 3
4340 / 4340	DEF AT -----	DEF IN 2
4490 / 4490	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
4670 / 4670	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 2
5510 / 5510	DEF AT -----	DEF AT 3
5570 / 5570	DEF AT -----	DEF IN 3
5689 / 5689	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 107	Date of Summary: 02-JAN-1991	First Sample Examined: 980
Lease Number: G05601	Source of Paleo: OPERATOR	Borehole MD: 22680
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22670
API Well Number: 177154070000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 980 - 22680	Water Depth: 75
Public Info Code: Y 31-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5690 / 5690	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
5720 / 5720	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 3
5810 / 5810	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 4
6170 / 6170	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6200 / 6200	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
6260 / 6260	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6650 / 6649	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 3
7190 / 7189	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
7550 / 7549	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 4
7820 / 7819	DEF AT -----	DEF IN 3
7850 / 7849	DEF AT -----	DEF AT 3
8420 / 8419	DEF IN Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF IN 3
8840 / 8839	DEF AT -----	DEF AT 3
8870 / 8869	DEF AT -----	DEF IN 2
9050 / 9049	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
10520 /10518	DEF AT -----	DEF AT 3
10580 /10578	DEF AT -----	DEF IN 3
11510 /11508	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF IN 3
11780 /11777	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF IN 3
12110 /12107	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
12380 /12377	DEF AT -----	DEF AT 3
12440 /12437	DEF AT -----	DEF IN 2
12650 /12647	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 2
13130 /13126	DEF AT -----	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 107	Date of Summary: 02-JAN-1991	First Sample Examined: 980
Lease Number: G05601	Source of Paleo: OPERATOR	Borehole MD: 22680
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22670
API Well Number: 177154070000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 980 - 22680	Water Depth: 75
Public Info Code: Y 31-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13340 /13336	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
13460 /13456	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
13520 /13516	DEF AT local marker planktic foram increase	DEF AT 4
13700 /13696	DEF AT -----	DEF IN 3
15830 /15824	DEF AT Upper Miocene (Messinian) Reticulofenestra rotaria	DEF IN 3
15980 /15974	DEF AT -----	DEF AT 4
16190 /16183	DEF AT -----	DEF IN 4
16700 /16693	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
17600 /17592	DEF AT -----	DEF AT 5
17660 /17652	DEF AT -----	DEF IN 5
17900 /17892	DEF AT -----	DEF AT 6
18090 /18082	DEF AT local marker floral increase	DEF AT 6
18990 /18982	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 6
19110 /19102	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
19350 /19341	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 6
20160 /20151	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 6
20460 /20451	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 6
20640 /20631	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 6
21180 /21171	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 6
22240 /22230	DEF AT -----	DEF IN 6
22680 /22670	DEF AT last sample examined	DEF IN 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 107	<b>Date of Summary:</b> 21-AUG-1989	<b>First Sample Examined:</b> 10020
<b>Lease Number:</b> G05601	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17736
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16588
<b>API Well Number:</b> 177154072100	<b>Drilling Operator:</b> CENTURY OFFSHORE MANAGEMENT	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 10020 - 14577	<b>Water Depth:</b> 74
<b>Public Info Code:</b> Y 31-JUL-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 /10019	DEF AT first sample examined	DEF IN 3
11550 /11534	DEF AT - - - - -	DEF AT 4
12150 /12099	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14577 /14178	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 107	<b>Date of Summary:</b> 21-AUG-1989	<b>First Sample Examined:</b> 14550
<b>Lease Number:</b> G05601	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17736
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16588
<b>API Well Number:</b> 177154072100	<b>Drilling Operator:</b> CENTURY OFFSHORE MANAGEMENT	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 14550 - 17736	<b>Water Depth:</b> 74
<b>Public Info Code:</b> Y 31-JUL-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14550 /14153	DEF AT first sample examined	DEF AT 4
17736 /16588	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 110	Date of Summary: 28-MAR-1995	First Sample Examined: 0
Lease Number: G14524	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15595
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15593
API Well Number: 177154085000	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14845 /14843	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
15585 /15583	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 131	Date of Summary: 21-DEC-1991	First Sample Examined: 4000
Lease Number: 00457	Source of Paleo: OPERATOR	Borehole MD: 8303
Well Name: L001	Paleo Done By: OPERATOR	Borehole TVD: 7100
API Well Number: 177154071500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 261 - 5320	Water Depth: 198
Public Info Code: Y 29-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3996	DEF AT first sample examined	DEF AT 2
4420 / 4415	DEF AT -----	DEF AT 3
4480 / 4474	DEF AT -----	DEF AT 4
4570 / 4564	DEF AT -----	DEF AT 3
4660 / 4652	DEF AT -----	DEF AT 4
4690 / 4682	DEF AT -----	DEF AT 3
4810 / 4798	DEF AT -----	DEF AT 4
4840 / 4826	DEF AT -----	DEF AT 3
5140 / 5099	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5260 / 5202	DEF AT -----	DEF AT 3
5320 / 5251	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 131	Date of Summary: 21-DEC-1991	First Sample Examined: 4990
Lease Number: 00457	Source of Paleo: OPERATOR	Borehole MD: 8303
Well Name: L001	Paleo Done By: OPERATOR	Borehole TVD: 7100
API Well Number: 177154071500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 2560 - 6203	Water Depth: 198
Public Info Code: Y 29-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Bypass report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4966	DEF AT first sample examined	DEF AT 3
5080 / 5047	DEF AT -----	DEF AT 4
5110 / 5073	DEF AT -----	DEF AT 3
5290 / 5227	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5440 / 5348	DEF AT -----	DEF AT 3
5590 / 5464	DEF AT -----	DEF AT 2
5890 / 5677	DEF AT -----	DEF AT 3
6203 / 5859	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 136	Date of Summary: 15-OCT-1993	First Sample Examined: 0
Lease Number: G08720	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17983
API Well Number: 177154075000	Drilling Operator: FORCENERGY GOM INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 07-DEC-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 6650	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7140 / 7140	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10360 /10360	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15560 /15559	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
17960 /17943	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 138	Date of Summary: 03-OCT-1990	First Sample Examined: 0
Lease Number: G10830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3700
API Well Number: 177154076200	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2810 /	DEF IN Illinoian fauna (local marker)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 143	Date of Summary: 26-JUL-1985	First Sample Examined: 0
Lease Number: G06767	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3800
API Well Number: 177154060200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 01-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2966 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 147	Date of Summary: 04-AUG-1987	First Sample Examined: 4560
Lease Number: G04885	Source of Paleo: OPERATOR	Borehole MD: 12730
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12729
API Well Number: 177154049600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4560 - 12890	Water Depth: 90
Public Info Code: Y 30-JUN-1996	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 2
4770 / 4770	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7320 / 7319	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7470 / 7469	DEF AT - - - - -	DEF AT 3
7500 / 7499	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8040 / 8039	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10620 /10619	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12890 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 147	Date of Summary: 12-JAN-1987	First Sample Examined: 0
Lease Number: G04885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13318
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13296
API Well Number: 177154065900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 30-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 7418	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11050 /11039	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12370 /12355	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 147	<b>Date of Summary:</b> 31-MAR-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04885	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13767
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10432
<b>API Well Number:</b> 177154058800	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 98
<b>Public Info Code:</b> Y 30-JUN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3990	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6510 / 6443	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7740 / 7244	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
12900 / 9975	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-1994

End Date: 31-DEC-1999

Area Block: ST 160  
 Lease Number: G04828  
 Well Name: 005  
 API Well Number: 177154076600  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 26-FEB-1996

Date of Summary: 03-APR-1991  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: BP AMERICA PRODUCTION COMPANY  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 15464  
 Borehole TVD: 15455  
 Rkb Elevation: 100  
 Water Depth: 130  
 Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7599	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7700 / 7699	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9140 / 9139	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9410 / 9409	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10460 /10459	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
12020 /12017	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT
14240 /14235	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
14960 /14953	DEF AT anhydrite	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 160	Date of Summary: 20-JAN-1988	First Sample Examined: 12490
Lease Number: G04828	Source of Paleo: OPERATOR	Borehole MD: 17195
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 17195
API Well Number: 177154067300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4500 - 17195	Water Depth: 122
Public Info Code: Y 26-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
12490 /	DEF AT first sample examined	DEF AT 2
12880 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
13900 /	DEF AT -----	DEF AT 3
13930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
14680 /	DEF AT -----	DEF AT 2
15610 /	DEF AT -----	DEF AT 3
15760 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
16720 /	DEF AT -----	DEF AT 4
17000 /	DEF AT -----	DEF AT 3
17120 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
17195 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 169	Date of Summary: 12-SEP-1985	First Sample Examined: 0
Lease Number: G01253	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8210
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 7527
API Well Number: 177154062300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 02-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5651 / 5541	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7370 / 6971	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 195	Date of Summary: 20-NOV-1990	First Sample Examined: 2500
Lease Number: G03593	Source of Paleo: OPERATOR	Borehole MD: 8400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8001
API Well Number: 177154072400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 2500 - 8410	Water Depth: 112
Public Info Code: Y 23-SEP-1999	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
2830 / 2830	DEF AT -----	DEF AT 2
3190 / 3190	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3430 / 3430	DEF AT -----	DEF IN 2
4270 / 4267	DEF AT -----	DEF IN 3
4630 / 4619	DEF AT -----	DEF IN 2
5140 / 5096	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
6610 / 6407	DEF AT -----	DEF AT 3
6820 / 6596	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8410 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 196	Date of Summary: 09-MAY-1986	First Sample Examined: 0
Lease Number: G01265	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15013
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14031
API Well Number: 177154063900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 19-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6670 / 6374	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8560 / 8160	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9750 / 9294	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12650 / 11992	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
14180 / 13387	DEF AT Arenaceous fauna (local marker)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 197	Date of Summary: 10-APR-1995	First Sample Examined: 0
Lease Number: G05611	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15632
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177154069500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 29-SEP-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8490 / 8448	DEF AT -----	DEF AT 3
13630 /12080	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 197	Date of Summary: 01-MAY-1991	First Sample Examined: 0
Lease Number: G05611	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12915
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10798
API Well Number: 177154070400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 06-NOV-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8480 / 7421	DEF AT -----	DEF AT 3
10400 / 8834	DEF AT -----	DEF AT 4



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198	Date of Summary: 18-APR-1988	First Sample Examined: 4010
Lease Number: G07769	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14998
API Well Number: 177154068400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 4010 - 14258	Water Depth: 129
Public Info Code: Y 04-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4010 / 4010	DEF AT first sample examined	DEF AT 3
4011 / 4011	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4780 / 4780	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4970 / 4970	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6320 / 6320	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6800 / 6800	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7309 / 7309	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7310 / 7310	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
7340 / 7340	DEF AT local marker deep water fauna	DEF AT 4
7550 / 7550	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7580 / 7580	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
8600 / 8600	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8810 / 8810	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9350 / 9350	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14258 / 14258	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198	Date of Summary: 18-APR-1988	First Sample Examined: 14240
Lease Number: G07769	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14998
API Well Number: 177154068400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 14240 - 14990	Water Depth: 129
Public Info Code: Y 04-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
14240 /14238	DEF AT first sample examined	DEF AT 4
14419 /14417	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
14420 /14418	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
14480 /14478	DEF AT local marker foram decrease	DEF AT 4
14930 /14928	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14990 /14988	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198	Date of Summary: 15-JUN-1988	First Sample Examined: 6000
Lease Number: G07769	Source of Paleo: OPERATOR	Borehole MD: 13362
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12663
API Well Number: 177154069400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 6000 - 13260	Water Depth: 129
Public Info Code: Y 28-JUN-1998	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5999	DEF AT first sample examined	DEF IN 3
7320 / 7318	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
7350 / 7348	DEF AT local marker deep water fauna	DEF AT 4
7470 / 7466	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10560 /10204	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
11370 /10887	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11460 /10967	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
13260 /12570	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198	Date of Summary: 12-AUG-1996	First Sample Examined: 0
Lease Number: G07769	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13362
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12663
API Well Number: 177154069400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 28-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7320 / 7318	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7470 / 7466	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11540 / 11038	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198	Date of Summary: 07-AUG-1990	First Sample Examined: 0
Lease Number: G07769	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14523
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12482
API Well Number: 177154072000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 04-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 5027	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8395 / 7339	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8695 / 7600	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12735 /10999	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198	Date of Summary: 13-OCT-1989	First Sample Examined: 0
Lease Number: G07769	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13334
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13097
API Well Number: 177154072700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 26-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4982 / 4981	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7424 / 7317	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7692 / 7564	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11360 / 11125	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 198  
Lease Number: G07773  
Well Name: A007  
API Well Number: 177154074500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 26-JAN-1995

Date of Summary: 13-AUG-1990  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ANADARKO E&P COMPANY LP  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 15719  
Borehole TVD: 13941  
Rkb Elevation: 97  
Water Depth: 130  
Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 5089	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8573 / 7356	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8833 / 7565	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12666 /10917	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 200	Date of Summary: 13-JUN-1984	First Sample Examined: 0
Lease Number: G04464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14907
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14536
API Well Number: 177154054500	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 01-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10720 /10603	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13110 /12810	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-1994

End Date: 31-DEC-1999

Area Block: ST 200	Date of Summary: 19-SEP-1996	First Sample Examined: 0
Lease Number: G04464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14375
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 14202
API Well Number: 177154056200	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 12-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 /10475	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12640 /12501	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-1994

End Date: 31-DEC-1999

Area Block: ST 200	Date of Summary: 12-JAN-2001	First Sample Examined: 0
Lease Number: G04464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15129
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 14620
API Well Number: 177154056800	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 28-JUN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10410 /10405	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12800 /12516	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-1994

End Date: 31-DEC-1999

Area Block: ST 200	Date of Summary: 03-MAY-1996	First Sample Examined: 0
Lease Number: G04464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14960
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 14802
API Well Number: 177154057500	Drilling Operator: TEXACO INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 22-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10590 /10522	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12730 /12592	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 200	Date of Summary: 11-JAN-1985	First Sample Examined: 0
Lease Number: G04464	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15334
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 14905
API Well Number: 177154059500	Drilling Operator: TEXACO INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 19-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10740 /10531	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13120 /12780	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 200	<b>Date of Summary:</b> 16-MAR-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04464	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14850
<b>Well Name:</b> A008	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13869
<b>API Well Number:</b> 177154060500	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 109
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 131
<b>Public Info Code:</b> Y 17-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10710 /10543	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14390 /13527	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 203	Date of Summary: 14-FEB-1990	First Sample Examined: 4630
Lease Number: G01269	Source of Paleo: OPERATOR	Borehole MD: 16100
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 16082
API Well Number: 177154071800	Drilling Operator: OFFSHORE ENERGY II LLC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4630 - 16100	Water Depth: 146
Public Info Code: Y 30-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 /	DEF AT first sample examined	DEF AT 4
6160 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7300 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7660 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12250 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
16100 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 205	Date of Summary: 17-JAN-1990	First Sample Examined: 0
Lease Number: G05612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14450
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14433
API Well Number: 177154059000	Drilling Operator: HESS CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 161
Public Info Code: Y 17-NOV-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7330 / 7330	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8260 / 8259	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10900 /10898	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 205	Date of Summary: 24-SEP-1985	First Sample Examined: 0
Lease Number: G05612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10589
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10014
API Well Number: 177154062901	Drilling Operator: HESS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 161
Public Info Code: Y 22-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6220 / 5708	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7840 / 7272	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8800 / 8227	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 206	Date of Summary: 17-JAN-1990	First Sample Examined: 0
Lease Number: G05613	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14568
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14557
API Well Number: 177154057800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 12-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 6279	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7200 / 7199	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7800 / 7799	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12530 / 12527	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: ST 206	Date of Summary: 16-JAN-1985	First Sample Examined: 4660
Lease Number: G05613	Source of Paleo: OPERATOR	Borehole MD: 12860
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11502
API Well Number: 177154061000	Drilling Operator: HESS CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4660 - 12860	Water Depth: 165
Public Info Code: Y 12-FEB-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4660 / 4007	DEF AT first sample examined	DEF IN 4
7540 / 6237	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
7600 / 6292	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
8020 / 6681	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
8290 / 6941	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8440 / 7088	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8530 / 7177	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8680 / 7325	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
8830 / 7474	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
9330 / 7973	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
9359 / 8002	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9360 / 8003	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9660 / 8303	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
9840 / 8483	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10590 / 9233	DEF AT pyrite	DEF AT 5
11420 /10062	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11600 /10242	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
11690 /10332	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
11900 /10541	DEF AT local marker foram decrease	DEF AT 5
12170 /10811	DEF AT Eggerella 3 (local marker)	DEF AT 5
12350 /10990	DEF AT Arenaceous fauna (local marker)	DEF AT 5
12830 /11469	DEF AT Cyclamina cancellata (local marker)	DEF AT 5

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<b>Area Block:</b> ST 206	<b>Date of Summary:</b> 16-JAN-1985	<b>First Sample Examined:</b> 4660
<b>Lease Number:</b> G05613	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12860
<b>Well Name:</b> A003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11502
<b>API Well Number:</b> 177154061000	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4660 - 12860	<b>Water Depth:</b> 165
<b>Public Info Code:</b> Y 12-FEB-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12860 /11499	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

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<b>Area Block:</b> ST 225	<b>Date of Summary:</b> 19-SEP-1985	<b>First Sample Examined:</b> 3680
<b>Lease Number:</b> G05224	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7513
<b>Well Name:</b> C001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6950
<b>API Well Number:</b> 177164008800	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3680 - 7513	<b>Water Depth:</b> 174
<b>Public Info Code:</b> Y 07-OCT-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3680 / 3498	DEF AT first sample examined	DEF AT 5
4280 / 4022	DEF AT -----	DEF AT 3
4790 / 4474	DEF AT -----	DEF IN 3
5480 / 5099	DEF AT -----	DEF AT 3
6560 / 6082	DEF AT -----	DEF AT 4
6950 / 6435	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 5
7240 / 6699	DEF AT -----	DEF AT 4
7513 / 6948	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 233	Date of Summary: 04-JAN-1999	First Sample Examined: 0
Lease Number: G14542	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6005
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6005
API Well Number: 177164024300	Drilling Operator: SNYDER OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 196
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4526 / 4526	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 241	Date of Summary: 08-SEP-1995	First Sample Examined: 6500
Lease Number: G12976	Source of Paleo: OPERATOR	Borehole MD: 11750
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11750
API Well Number: 177164020800	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6500 - 11750	Water Depth: 155
Public Info Code: Y 08-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6500 / 6500	DEF AT first sample examined	DEF AT 4
6501 / 6501	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6620 / 6620	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8120 / 8120	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8150 / 8150	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9110 / 9110	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
10127 /10126	DEF AT pyrite	DEF AT 5
10128 /10127	DEF AT Bathysiphon fauna	DEF AT 5
10129 /10128	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10130 /10129	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
10210 /10209	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10250 /10249	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
10340 /10339	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
10430 /10429	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
10490 /10489	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10939 /10938	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
10940 /10939	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 5
11420 /11419	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11510 /11509	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
11540 /11539	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11750 /11749	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 245	Date of Summary: 05-MAY-1988	First Sample Examined: 0
Lease Number: G05625	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177164003700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 15-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7300 / 7300	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8500 / 8500	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9500 / 9500	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 249	<b>Date of Summary:</b> 11-MAR-1996	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12977	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 17700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16981
<b>API Well Number:</b> 177164021300	<b>Drilling Operator:</b> CAIRN ENERGY USA INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 191
<b>Public Info Code:</b> Y 31-MAY-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6390 / 6390	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
9150 / 9150	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9420 / 9420	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
17120 /17100	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 254	Date of Summary: 10-JUN-1996	First Sample Examined: 1710
Lease Number: G14545	Source of Paleo: OPERATOR	Borehole MD: 15284
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14747
API Well Number: 177164021400	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1710 - 15284	Water Depth: 210
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1710 / 1710	DEF AT first sample examined	DEF AT 3
3750 / 3750	DEF AT -----	DEF AT 4
3990 / 3990	DEF AT -----	DEF AT 5
7140 / 7140	DEF AT -----	DEF IN 5
7410 / 7410	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
7620 / 7620	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7710 / 7710	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7770 / 7770	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
8560 / 8560	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
9040 / 9040	DEF AT -----	DEF AT 6
9610 / 9608	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
11830 /11670	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
12940 /12650	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14859 /14347	DEF AT anhydrite	POS AT 6
14860 /14348	DEF AT salt	POS AT 6
15284 /14748	DEF AT last sample examined	POS AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 265	<b>Date of Summary:</b> 18-JUL-1988	<b>First Sample Examined:</b> 4700
<b>Lease Number:</b> G12980	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13000
<b>Well Name:</b> B001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13000
<b>API Well Number:</b> 177164014100	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4700 - 13000	<b>Water Depth:</b> 224
<b>Public Info Code:</b> Y 12-AUG-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 /	DEF AT first sample examined	DEF IN 3
5330 /	DEF AT - - - - -	DEF AT 4
5720 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8870 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9430 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	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-1994

End Date: 31-DEC-1999

Area Block: ST 277	Date of Summary: 02-AUG-1995	First Sample Examined: 0
Lease Number: G12038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9745
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7250
API Well Number: 177164020700	Drilling Operator: UMC PETROLEUM CORPORATION	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 227
Public Info Code: Y 31-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7465 / 5751	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9138 / 6853	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 282	Date of Summary: 30-NOV-1989	First Sample Examined: 1500
Lease Number: G10855	Source of Paleo: OPERATOR	Borehole MD: 8790
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8790
API Well Number: 177164015400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1500 - 8760	Water Depth: 400
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF AT
2070 /	DEF AT local marker foram increase	DEF AT
5640 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
6870 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7440 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7860 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7890 /	DEF IN Arenaceous fauna (local marker)	DEF AT
7950 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7980 /	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
8220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8430 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
8580 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
8760 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 282	<b>Date of Summary:</b> 16-JAN-1989	<b>First Sample Examined:</b> 4980
<b>Lease Number:</b> G10855	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9403
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 8314
<b>API Well Number:</b> 177164016000	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3240 - 9404	<b>Water Depth:</b> 333
<b>Public Info Code:</b> Y 30-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4778	DEF AT first sample examined	DEF AT
6480 / 5931	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8700 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8820 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9404 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 287	Date of Summary: 21-FEB-1990	First Sample Examined: 1570
Lease Number: G10856	Source of Paleo: OPERATOR	Borehole MD: 11699
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 177164015800	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1570 - 8800	Water Depth: 383
Public Info Code: Y 06-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1570 / 1570	DEF AT first sample examined	DEF IN 3
1630 / 1630	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4420 / 4234	DEF AT - - - - -	DEF AT 5
5920 / 5267	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
8320 / 6982	DEF AT local marker foram increase	DEF AT 5
8800 / 7350	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 287	Date of Summary: 21-FEB-1990	First Sample Examined: 7960
Lease Number: G10856	Source of Paleo: OPERATOR	Borehole MD: 11699
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 177164015800	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 7960 - 9160	Water Depth: 383
Public Info Code: Y 06-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 6716	DEF AT first sample examined	DEF AT 5
8290 / 6959	DEF AT local marker foram increase	DEF AT 5
8410 / 7051	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9160 / 7626	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 289	Date of Summary: 28-NOV-1994	First Sample Examined: 0
Lease Number: G10857	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18034
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18034
API Well Number: 177164020100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 398
Public Info Code: Y 26-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
11340 /11338	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11730 /11728	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13210 /13208	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13740 /13738	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14890 /14887	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15010 /15007	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
15250 /15247	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
17840 /17837	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 290	<b>Date of Summary:</b> 21-OCT-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05644	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11415
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11415
<b>API Well Number:</b> 177164008500	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 415
<b>Public Info Code:</b> Y 25-MAR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2760 / 2760	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
7650 / 7650	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
9510 / 9410	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
10530 /10259	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
11130 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 295	Date of Summary: 13-APR-1984	First Sample Examined: 4850
Lease Number: G05646	Source of Paleo: OPERATOR	Borehole MD: 13637
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13614
API Well Number: 177164004800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4850 - 13637	Water Depth: 284
Public Info Code: Y 04-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4850 / 4850	DEF AT first sample examined	DEF AT
9156 / 9155	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13637 /13609	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 295	Date of Summary: 08-JUN-1995	First Sample Examined: 0
Lease Number: G05646	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15168
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 14034
API Well Number: 177164013700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 03-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12422 /11404	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 299	<b>Date of Summary:</b> 09-OCT-1997	<b>First Sample Examined:</b> 2850
<b>Lease Number:</b> G14550	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17540
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17127
<b>API Well Number:</b> 177164022200	<b>Drilling Operator:</b> BHP BILLITON PETROLEUM (AMERICAS) INC	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 2850 - 17540	<b>Water Depth:</b> 289
<b>Public Info Code:</b> Y 30-JUN-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** 15150 to 16041 = bypass 1, 15880 to 17540 = bypass 2; foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 / 2850	DEF AT first sample examined	DEF AT 4
3030 / 3030	DEF AT -----	DEF AT 5
3390 / 3390	DEF AT -----	DEF AT 4
3630 / 3630	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4560 / 4560	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
6270 / 6270	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6359 / 6359	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 5
6360 / 6360	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 5
6510 / 6510	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
6720 / 6720	DEF AT -----	DEF AT 5
7380 / 7380	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
7470 / 7470	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
7680 / 7680	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
7950 / 7950	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
8040 / 8040	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
8070 / 8070	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
8130 / 8130	DEF AT -----	DEF AT 5
8280 / 8280	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8340 / 8340	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8700 / 8699	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8910 / 8909	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8940 / 8939	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 299	Date of Summary: 09-OCT-1997	First Sample Examined: 2850
Lease Number: G14550	Source of Paleo: OPERATOR	Borehole MD: 17540
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17127
API Well Number: 177164022200	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 2850 - 17540	Water Depth: 289
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
9001 / 9000	DEF AT anhydrite	DEF AT 5
9300 / 9299	DEF AT salt	DEF AT 5
14070 /14057	DEF AT base of salt	DEF AT 5
14265 /14252	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14800 /14784	DEF AT Eggerella sp. (local marker)	DEF AT 6
14830 /14813	POS IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
15145 /15117	DEF AT poor sample interval top	DEF AT 6
15190 /15160	DEF AT sample gap top	POS AT 6
15880 /15828	DEF AT sample gap bottom	DEF AT 6
17539 /17126	DEF AT poor sample interval bottom	DEF AT 6
17540 /17127	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 299	<b>Date of Summary:</b> 09-OCT-1997	<b>First Sample Examined:</b> 14070
<b>Lease Number:</b> G14550	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17540
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17127
<b>API Well Number:</b> 177164022200	<b>Drilling Operator:</b> BHP BILLITON PETROLEUM (AMERICAS) INC	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2850 - 17540	<b>Water Depth:</b> 289
<b>Public Info Code:</b> Y 30-JUN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 / 2850	DEF AT first sample examined	DEF AT
2910 / 2910	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4650 / 4650	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5490 / 5490	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6270 / 6270	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6300 / 6300	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6510 / 6510	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7380 / 7380	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7470 / 7470	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7500 / 7500	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7950 / 7950	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8010 / 8010	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8580 / 8579	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9000 / 8999	DEF AT salt	DEF AT
9090 / 9089	DEF AT sample gap top	DEF AT
13500 /13489	DEF AT sample gap bottom	DEF AT
14069 /14056	DEF AT base of salt	DEF AT
14070 /14057	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14235 /14222	DEF AT out-of-place section	DEF AT
14815 /14798	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15115 /15088	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15190 /15160	DEF AT sample gap top	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 299	<b>Date of Summary:</b> 09-OCT-1997	<b>First Sample Examined:</b> 14070
<b>Lease Number:</b> G14550	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17540
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17127
<b>API Well Number:</b> 177164022200	<b>Drilling Operator:</b> BHP BILLITON PETROLEUM (AMERICAS) INC	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 2850 - 17540	<b>Water Depth:</b> 289
<b>Public Info Code:</b> Y 30-JUN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15880 /15828	DEF AT sample gap bottom	DEF AT
17030 /16831	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
17540 /17127	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 308	Date of Summary: 09-JAN-1991	First Sample Examined: 0
Lease Number: G12043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177164017400	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 530
Public Info Code: Y 14-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7380 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
7830 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7980 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 308	Date of Summary: 19-MAY-1998	First Sample Examined: 0
Lease Number: G12043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177164023300	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 533
Public Info Code: Y 14-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4970	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7160 / 7160	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8461 / 8460	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8480 / 8479	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8725 / 8724	DEF AT condensed section	DEF AT
8745 / 8744	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> ST 310	<b>Date of Summary:</b> 28-AUG-1996	<b>First Sample Examined:</b> 8820
<b>Lease Number:</b> G12982	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16891
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16570
<b>API Well Number:</b> 177164021601	<b>Drilling Operator:</b> MARATHON OIL COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8820 - 16891	<b>Water Depth:</b> 464
<b>Public Info Code:</b> Y 27-NOV-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8820 / 8812	DEF AT first sample examined	DEF AT
8821 / 8813	DEF IN salt	DEF AT
9820 / 9811	DEF AT out-of-place section	DEF AT
10360 /10351	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
10390 /10381	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
12340 /12331	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13510 /13483	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
16891 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: ST 310	Date of Summary: 04-SEP-1996	First Sample Examined: 8820
Lease Number: G12982	Source of Paleo: OPERATOR	Borehole MD: 16891
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16570
API Well Number: 177164021601	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 8820 - 16891	Water Depth: 464
Public Info Code: Y 27-NOV-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8820 / 8812	DEF AT first sample examined	DEF AT
8821 / 8813	DEF IN salt	DEF AT
9790 / 9781	POS AT out-of-place section	DEF AT 5
10960 /10951	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
12160 /12151	DEF AT - - - - -	DEF AT 6
12280 /12271	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
16000 /15744	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
16891 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: SX 18	Date of Summary: 29-SEP-1987	First Sample Examined: 0
Lease Number: G04082	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13646
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 13202
API Well Number: 427154002000	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 06-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 6694	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10260 / 9818	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
10620 / 10178	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 32	Date of Summary: 15-APR-1988	First Sample Examined: 0
Lease Number: G07871	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2716
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2716
API Well Number: 608164010800	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 30-APR-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2492 /	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 32	Date of Summary: 01-JUL-1988	First Sample Examined: 0
Lease Number: G07871	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3125
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 2949
API Well Number: 608164011800	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 14-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2878 / 2731	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 74	Date of Summary: 29-MAR-1988	First Sample Examined: 0
Lease Number: G07878	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 2900
API Well Number: 608164010900	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 109
Public Info Code: Y 13-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2316 / 2316	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 74	Date of Summary: 29-FEB-1988	First Sample Examined: 0
Lease Number: G07878	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2350
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 2350
API Well Number: 608164012100	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 03-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2160 / 2160	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 74	Date of Summary: 28-MAR-1988	First Sample Examined: 0
Lease Number: G07878	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2550
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 2550
API Well Number: 608164012500	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 22-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 / 1650	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 117	<b>Date of Summary:</b> 31-JAN-1986	<b>First Sample Examined:</b> 17010
<b>Lease Number:</b> G06872	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 25000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> ROBERTSON RESEARCH	<b>Borehole TVD:</b> 25000
<b>API Well Number:</b> 608164009300	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 17010 - 20450	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 27-APR-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil, dinoflagellate and palynomorph report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17010 /	DEF AT first sample examined	DEF AT
17011 /	DEF AT local marker floral decrease	DEF AT
18450 /	DEF IN Lower Cretaceous (Aptian) Nannoconus steinmanni	DEF AT
18630 /	DEF AT Lower Cretaceous Berriasian Stage	DEF AT
19080 /	POS AT Upper Jurassic Tithonian Stage	DEF AT
19350 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 117	Date of Summary: 01-APR-1986	First Sample Examined: 5400
Lease Number: G06872	Source of Paleo: OPERATOR	Borehole MD: 25000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 25000
API Well Number: 608164009300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 338 - 25000	Water Depth: 115
Public Info Code: Y 27-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 /	DEF AT first sample examined	DEF AT 3
5401 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5490 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
5550 /	DEF AT Upper Oligocene (Chatian) Heterostegina texana	DEF AT 3
5670 /	DEF AT -----	DEF AT 2
6390 /	DEF AT -----	DEF AT 3
6780 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 3
6840 /	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 3
7260 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 3
7320 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 3
7470 /	POS AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 3
7560 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 3
7650 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 2
8610 /	DEF AT Upper Cretaceous (Santonian) Dicarinella asymetrica	DEF AT 2
8730 /	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT 2
9000 /	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 2
9510 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 2
9900 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 1
10020 /	DEF AT Lower Cretaceous (Albian) Planomalina buxtoni	DEF AT 1
10320 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 1
12600 /	DEF IN Lower Cretaceous Paluxy Formation	DEF AT 1
12960 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitensis (ostracod)	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 117	Date of Summary: 01-APR-1986	First Sample Examined: 5400
Lease Number: G06872	Source of Paleo: OPERATOR	Borehole MD: 25000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 25000
API Well Number: 608164009300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 338 - 25000	Water Depth: 115
Public Info Code: Y 27-APR-1996	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
13350 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
14670 /	DEF AT Lower Cretaceous (Albian) Rehacythereis? aff. R. glabrella (ostracod)	DEF AT 1
16170 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
17640 /	POS AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
22550 /	POS IN Jurassic Haynesville Formation	DEF AT 1
23190 /	POS IN Jurassic Smackover Formation	DEF AT 1
25000 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 117	Date of Summary: 25-JUN-1986	First Sample Examined: 13320
Lease Number: G06872	Source of Paleo: OPERATOR	Borehole MD: 25000
Well Name: 001	Paleo Done By: ROBERTSON RESEARCH	Borehole TVD: 25000
API Well Number: 608164009300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 13320 - 24990	Water Depth: 115
Public Info Code: Y 27-APR-1996	Ecozone Eq MMS: N	Paleo ID: 004

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13320 /	DEF AT first sample examined	DEF AT
13321 /	DEF AT Lower Cretaceous Albian Stage	DEF AT
13659 /	DEF AT reworked material	DEF AT
13660 /	POS AT unconformity	DEF AT
14150 /	DEF IN Lower Cretaceous Albian Stage	DEF AT
14460 /	DEF AT local marker floral decrease	DEF AT
15390 /	DEF AT Lower Cretaceous (Aptian) Nannoconus kamptneri	DEF AT
15840 /	DEF AT Lower Cretaceous (Aptian) Nannoconus steinmanni	DEF AT
15940 /	DEF AT Lower Cretaceous (Barremian) Calcicalathina oblongata	DEF AT
16260 /	POS AT Lower Cretaceous Hauterivian Stage	DEF AT
16530 /	DEF AT local marker floral increase	DEF AT
17000 /	POS AT local marker floral decrease	DEF AT
18449 /	DEF AT local marker floral increase	DEF AT
18450 /	DEF AT Lower Cretaceous (Valanginian) Micrantholithus speetonensis	DEF AT
18720 /	DEF AT local marker floral decrease	DEF AT
18810 /	POS AT Lower Cretaceous Berriasian Stage	DEF AT
19389 /	DEF AT Lower Cretaceous (Berriasian) Polycostella senaria	DEF AT
19390 /	DEF AT Lower Cretaceous (Berriasian) Polycostella beckmannii	DEF AT
19710 /	DEF AT local marker floral increase	DEF AT
20320 /	DEF AT local marker floral increase	DEF AT
20720 /	DEF AT Upper Jurassic (Tithonian) Hexalithus noelae	DEF AT
20950 /	DEF AT local marker floral decrease	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 117	Date of Summary: 25-JUN-1986	First Sample Examined: 13320
Lease Number: G06872	Source of Paleo: OPERATOR	Borehole MD: 25000
Well Name: 001	Paleo Done By: ROBERTSON RESEARCH	Borehole TVD: 25000
API Well Number: 608164009300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 13320 - 24990	Water Depth: 115
Public Info Code: Y 27-APR-1996	Ecozone Eq MMS: N	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
22030 /	DEF AT local marker floral increase	DEF AT
22499 /	DEF AT local marker floral decrease	DEF AT
22500 /	POS AT Upper Jurassic Kimmeridgian Stage	DEF AT
23589 /	DEF AT Upper Jurassic (Kimmeridgian) Stephanolithion bigotii maximum	DEF AT
23590 /	POS AT Upper Jurassic (Oxfordian) Lotharingius crucicentralis	DEF AT
24220 /	DEF AT local marker floral decrease	DEF AT
24990 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 117	Date of Summary: 26-FEB-1996	First Sample Examined: 7050
Lease Number: G06872	Source of Paleo: OPERATOR	Borehole MD: 14920
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14917
API Well Number: 608164021800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 7050 - 14920	Water Depth: 115
Public Info Code: Y 27-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 7050	DEF AT first sample examined	DEF AT
7051 / 7051	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT
8090 / 8090	DEF IN Upper Cretaceous Campanian Stage	DEF AT
8810 / 8809	DEF IN Upper Cretaceous Santonian Stage	DEF AT
9050 / 9049	DEF IN Upper Cretaceous Turonian Stage	DEF AT
9650 / 9649	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT
14920 /14917	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 124  
Lease Number: G08770  
Well Name: A001  
API Well Number: 608164014000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 22-MAY-1999

Date of Summary: 03-MAY-1989  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: SANTA FE MINERALS INC  
Sample Range: 380 - 2650  
Ecozone Eq MMS: Y

First Sample Examined: 380  
Borehole MD: 2650  
Borehole TVD: 2650  
Rkb Elevation: 88  
Water Depth: 103  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
380 / 380	DEF AT first sample examined	DEF IN 2
620 / 620	DEF AT -----	DEF AT 3
680 / 680	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
920 / 920	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1670 / 1670	POS AT Miocene	DEF AT 3
2300 / 2300	POS AT -----	POS AT 4
2360 / 2360	DEF AT -----	DEF AT 3
2650 / 2650	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 156	Date of Summary: 20-APR-1989	First Sample Examined: 360
Lease Number: G07885	Source of Paleo: OPERATOR	Borehole MD: 3000
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3000
API Well Number: 608164013900	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 360 - 3000	Water Depth: 99
Public Info Code: Y 21-JAN-1998	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 IN 2
1080 / 1080	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
1950 / 1950	DEF AT -----	DEF AT 3
1980 / 1980	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
2010 / 2010	DEF AT -----	DEF AT 2
2250 / 2250	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3000 / 3000	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 156	Date of Summary: 28-APR-1997	First Sample Examined: 0
Lease Number: G07885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7100
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 2898
API Well Number: 608164028000	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 21-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6312 / 2845	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 202	Date of Summary: 11-MAR-1995	First Sample Examined: 4100
Lease Number: G13669	Source of Paleo: OPERATOR	Borehole MD: 19700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19698
API Well Number: 608164019700	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 3	Sample Range: 2000 - 19742	Water Depth: 125
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT first sample examined	DEF AT
4370 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
5120 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
5360 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
19742 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 202	<b>Date of Summary:</b> 11-MAR-1995	<b>First Sample Examined:</b> 2000
<b>Lease Number:</b> G13669	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19700
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 19698
<b>API Well Number:</b> 608164019700	<b>Drilling Operator:</b> EXXONMOBIL OIL CORPORATION	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 3	<b>Sample Range:</b> 2000 - 19742	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 30-JUN-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF AT first sample examined	DEF AT
3740 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
4070 /	DEF AT local marker floral increase	DEF AT
4370 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
5120 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
5360 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5570 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
18730 /	DEF AT Lower Cretaceous (Barremian) Nannoconus colomii	DEF AT
19742 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 202	Date of Summary: 10-JAN-1998	First Sample Examined: 2000
Lease Number: G13669	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19700
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 19698
API Well Number: 608164019700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 2000 - 9380	Water Depth: 125
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 003

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF AT 2
2001 /	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
2120 /	DEF AT faunal change (no faunal increase)	DEF IN 2
2150 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 2
2870 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
2960 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
3290 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
3710 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3740 /	DEF AT local marker benthic foram increase	DEF AT 3
4070 /	DEF AT faunal change (no faunal increase)	DEF IN 3
4130 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF IN 3
4190 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4250 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
4370 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 3
4400 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
4640 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF IN 3
5120 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
5180 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
5240 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
5360 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
5420 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
5510 /	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 202	Date of Summary: 10-JAN-1998	First Sample Examined: 2000
Lease Number: G13669	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19700
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 19698
API Well Number: 608164019700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 2000 - 9380	Water Depth: 125
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
5540 /	DEF AT foram flood	DEF IN 5
5630 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 5
5690 /	DEF AT local marker foram decrease	DEF AT 4
5750 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
5780 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
5810 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
5930 /	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
6080 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
6108 /	DEF AT foram flood	DEF AT 5
6109 /	DEF AT Bathysiphon fauna	DEF AT 5
6110 /	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
6111 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 5
6140 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
6229 /	DEF AT limestone	DEF AT 4
6230 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
6290 /	DEF AT Upper Oligocene (Chattian) Globigerina sellii	DEF AT 4
6380 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 4
6530 /	POS AT Upper Oligocene (Chattian) Marginulina texana	DEF IN 3
6830 /	DEF AT Lower Oligocene (Rupelian) Nodosaria blanpiedi	DEF AT 4
6860 /	DEF IN Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 4
6861 /	DEF AT Lower Oligocene (Rupelian) Cibicides mississippiensis	DEF AT 4
6980 /	DEF AT foram flood	DEF IN 4
7130 /	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 4
7340 /	DEF AT local marker deep water fauna	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 202  
Lease Number: G13669  
Well Name: 001  
API Well Number: 608164019700  
Paleo Report Num: 3 of 3  
Public Info Code: Y 30-JUN-1997

Date of Summary: 10-JAN-1998  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: ROBERT WITROCK  
Drilling Operator: MOBIL OIL EXPLORATION & PRODUC  
Sample Range: 2000 - 9380  
Ecozone Eq MMS: Y

First Sample Examined: 2000  
Borehole MD: 19700  
Borehole TVD: 19698  
Rkb Elevation: 96  
Water Depth: 125  
Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7580 /	DEF AT Upper Eocene (Priabonian) Textularia dibollensis	DEF AT 5
7760 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF IN 4
7790 /	DEF AT local marker deep water fauna	DEF AT 5
7820 /	DEF IN Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF IN 4
7910 /	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrookii	DEF IN 4
8030 /	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF IN 4
8060 /	POS AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF IN 4
8120 /	DEF AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF IN 4
8150 /	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 4
8300 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 4
8360 /	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 4
8390 /	POS AT Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT 4
8449 /	DEF IN Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 4
8450 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 4
8451 /	POS IN Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 4
8570 /	DEF AT Upper Paleocene (Selandian) Vaginulina midwayensis	DEF AT 4
8630 /	DEF AT local marker deep water fauna	DEF AT 5
8659 /	DEF IN Upper Paleocene (Selandian) Globorotalia inconstans	DEF AT 5
8660 /	POS AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 5
8690 /	DEF AT Lower Paleocene (Danian) Globigerina eugubina	DEF AT 5
8749 /	DEF AT limestone	DEF AT 4
8750 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 4
8870 /	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 4
8930 /	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 202	Date of Summary: 10-JAN-1998	First Sample Examined: 2000
Lease Number: G13669	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19700
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 19698
API Well Number: 608164019700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 3 of 3	Sample Range: 2000 - 9380	Water Depth: 125
Public Info Code: Y 30-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
9050 /	DEF IN Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 4
9170 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 4
9260 /	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF IN 4
9320 /	DEF IN Upper Cretaceous (Santonian) Dicarinella concavata	DEF IN 4
9350 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF IN 4
9380 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 203	Date of Summary: 24-APR-1997	First Sample Examined: 0
Lease Number: G07890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5200
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 608164010300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 02-DEC-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3409 / 3409	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4329 / 4329	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 212	Date of Summary: 09-SEP-1994	First Sample Examined: 0
Lease Number: G10927	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15258
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14248
API Well Number: 608164019800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 29-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9254 / 9142	DEF AT Lower (Early) Cretaceous	DEF AT
12365 / 11828	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13100 / 12431	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 256	Date of Summary: 13-JUL-1990	First Sample Examined: 320
Lease Number: G07895	Source of Paleo: OPERATOR	Borehole MD: 2200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2200
API Well Number: 608164015300	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 320 - 2200	Water Depth: 123
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
320 / 320	DEF AT first sample examined	DEF IN 1
350 / 350	DEF AT -----	DEF AT 2
920 / 920	DEF AT -----	DEF AT 3
1010 / 1010	DEF AT -----	DEF AT 2
1100 / 1100	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1490 / 1490	DEF AT -----	DEF AT 2
2200 / 2200	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 390	Date of Summary: 05-AUG-1994	First Sample Examined: 0
Lease Number: G10938	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 608164020200	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 09-OCT-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4980	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
7492 / 7492	DEF AT Upper (Late) Cretaceous	DEF AT
9055 / 9055	POS AT Lower (Early) Cretaceous	DEF AT
11855 /11854	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
12758 /12757	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13540 /13539	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
14212 /14211	DEF AT Lower Cretaceous James Formation	DEF AT
14923 /14922	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 695	Date of Summary: 20-JAN-1997	First Sample Examined: 8480
Lease Number: G13056	Source of Paleo: OPERATOR	Borehole MD: 11952
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11877
API Well Number: 608164026400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 8480 - 11930	Water Depth: 530
Public Info Code: Y 23-OCT-1996	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>
8480 / 8479	DEF AT first sample examined	DEF AT
8630 / 8629	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9470 / 9469	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
9700 / 9699	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
10520 /10517	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT 5
10820 /10809	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11450 /11410	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
11480 /11438	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11540 /11494	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
11930 /11857	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 740	Date of Summary: 15-DEC-1995	First Sample Examined: 5990
Lease Number: G13058	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11800
API Well Number: 608164023800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5990 - 11800	Water Depth: 936
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 10190=first Rectuvigerina kugleri

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5989	DEF AT first sample examined	DEF AT 4
5991 / 5990	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
6140 / 6139	DEF AT local marker foram increase	DEF AT 4
6260 / 6259	DEF AT - - - - -	DEF IN 3
6350 / 6349	DEF AT limestone	DEF AT 4
6440 / 6439	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
6470 / 6469	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
6650 / 6649	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
6680 / 6679	DEF AT - - - - -	DEF AT 4
6830 / 6829	DEF AT - - - - -	DEF IN 3
6890 / 6889	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7100 / 7099	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7400 / 7399	DEF IN Upper Miocene (Messinian) Bolivina denticulata	DEF IN 3
7460 / 7459	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7610 / 7609	DEF AT Eggerella sp. (local marker)	DEF AT 3
7700 / 7699	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
7850 / 7849	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
8120 / 8119	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 3
8240 / 8239	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
8300 / 8299	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
8360 / 8359	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
8420 / 8419	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 740	Date of Summary: 15-DEC-1995	First Sample Examined: 5990
Lease Number: G13058	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11800
API Well Number: 608164023800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5990 - 11800	Water Depth: 936
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8450 / 8449	DEF AT - - - - -	DEF AT 4
8600 / 8599	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
8990 / 8989	DEF AT - - - - -	DEF IN 3
9440 / 9439	DEF AT limestone	DEF IN 3
9620 / 9619	DEF AT local marker planktic foram increase	DEF IN 3
9679 / 9678	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 3
9680 / 9679	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
9920 / 9919	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
10070 /10069	DEF AT - - - - -	DEF IN 3
10190 /10189	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10579 /10577	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 4
10580 /10578	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
10609 /10607	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10610 /10608	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
10730 /10728	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11120 /11118	DEF AT local marker benthic foram increase	DEF IN 4
11390 /11388	DEF AT local marker planktic foram increase	DEF IN 4
11599 /11597	DEF AT local marker planktic foram increase	DEF AT 5
11600 /11598	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 5
11800 /11798	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 740	Date of Summary: 14-APR-1996	First Sample Examined: 6020
Lease Number: G13058	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11800
API Well Number: 608164023800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 6020 - 11780	Water Depth: 936
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
6020 / 6019	DEF AT first sample examined	DEF AT
6021 / 6020	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6830 / 6829	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
7370 / 7369	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
7730 / 7729	DEF AT floral flood	DEF AT
8360 / 8359	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradius	DEF AT
8450 / 8449	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
8540 / 8539	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
8990 / 8989	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT
9440 / 9439	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9530 / 9529	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
10250 / 10249	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
10340 / 10339	DEF AT floral flood	DEF AT
10519 / 10517	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
10520 / 10518	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11780 / 11778	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 741	Date of Summary: 17-MAR-1996	First Sample Examined: 8010
Lease Number: G13057	Source of Paleo: OPERATOR	Borehole MD: 11683
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11100
API Well Number: 608164023301	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 8010 - 11684	Water Depth: 689
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS:	Paleo ID: 002

Remark: Clinch Mountain Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7854	DEF AT first sample examined	DEF AT
8011 / 7855	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
8369 / 8173	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
8370 / 8174	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
9000 / 8736	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT
9628 / 9291	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
9629 / 9292	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
9630 / 9293	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9720 / 9372	DEF AT floral flood	DEF AT
10619 /10169	DEF AT floral flood	DEF AT
10620 /10170	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
10890 /10408	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11682 /11100	DEF AT floral flood	DEF AT
11683 /11101	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 741	Date of Summary: 03-JUN-1996	First Sample Examined: 8010
Lease Number: G13057	Source of Paleo: OPERATOR	Borehole MD: 11683
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11100
API Well Number: 608164023301	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 8010 - 11684	Water Depth: 689
Public Info Code: Y 06-FEB-1998	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Clinch Mountain Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7854	DEF AT first sample examined	DEF AT 4
8100 / 7934	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8160 / 7988	DEF AT local marker benthic foram increase	DEF IN 4
8250 / 8067	DEF AT local marker planktic foram increase	DEF AT 5
8340 / 8148	DEF AT local marker foram increase	DEF AT 5
8580 / 8362	POS AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 5
8610 / 8388	DEF AT local marker planktic foram increase	DEF IN 5
8790 / 8549	DEF AT -----	DEF AT 4
9120 / 8842	DEF AT -----	DEF AT 3
9210 / 8922	DEF AT -----	DEF AT 4
9480 / 9160	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF IN 4
9510 / 9187	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
9630 / 9293	DEF AT local marker foram increase	DEF AT 5
9750 / 9399	DEF AT limestone	DEF AT 5
9751 / 9400	POS AT unconformity	DEF AT 5
9989 / 9611	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9990 / 9612	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
10170 / 9772	DEF AT -----	DEF AT 4
10440 / 10011	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10620 / 10170	DEF AT Eggerella sp. (local marker)	DEF IN 4
10830 / 10355	DEF AT local marker benthic foram increase	DEF AT 4
10860 / 10382	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 741	<b>Date of Summary:</b> 03-JUN-1996	<b>First Sample Examined:</b> 8010
<b>Lease Number:</b> G13057	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11683
<b>Well Name:</b> 001	<b>Paleo Done By:</b> TOTAL BIOSTRATIGRPHIC SERVICES, INC.	<b>Borehole TVD:</b> 11100
<b>API Well Number:</b> 608164023301	<b>Drilling Operator:</b> HESS CORPORATION	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 8010 - 11684	<b>Water Depth:</b> 689
<b>Public Info Code:</b> Y 06-FEB-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10890 /10408	DEF AT local marker benthic foram increase	DEF AT 5
11100 /10593	DEF IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 5
11310 /10776	DEF AT foram flood	DEF AT 5
11580 /11012	DEF AT - - - - -	DEF IN 4
11640 /11064	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 780	Date of Summary: 24-APR-1986	First Sample Examined: 0
Lease Number: G06884	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11520
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11518
API Well Number: 608164009900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 867
Public Info Code: Y 17-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3631 / 3631	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4879 / 4878	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
5343 / 5341	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
9441 / 9439	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
10000 / 9998	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11332 / 11330	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 783	<b>Date of Summary:</b> 24-JAN-1985	<b>First Sample Examined:</b> 9800
<b>Lease Number:</b> G06886	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11625
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11420
<b>API Well Number:</b> 608164008801	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 47
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9800 - 11620	<b>Water Depth:</b> 1387
<b>Public Info Code:</b> Y 11-FEB-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9673	DEF AT first sample examined	DEF AT
11000 /10819	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
11620 /11415	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 783	Date of Summary: 01-OCT-1985	First Sample Examined: 2641
Lease Number: G06886	Source of Paleo: OPERATOR	Borehole MD: 11525
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11521
API Well Number: 608164009400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2641 - 11525	Water Depth: 1151
Public Info Code: Y 01-NOV-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2641 / 2641	DEF AT first sample examined	DEF AT 5
2887 / 2887	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3748 / 3748	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5506 / 5506	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
5752 / 5752	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
7776 / 7774	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8025 / 8023	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
9295 / 9293	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
11525 / 11521	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 783	<b>Date of Summary:</b> 01-MAR-1986	<b>First Sample Examined:</b> 8009
<b>Lease Number:</b> G06886	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13594
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11998
<b>API Well Number:</b> 608164009401	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 73
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 8009 - 12856	<b>Water Depth:</b> 1151
<b>Public Info Code:</b> Y 19-FEB-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 1 bypass 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8009 / 7812	DEF AT first sample examined	DEF AT 5
8324 / 8031	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
9911 / 9153	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
12310 /10958	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12720 /11293	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12856 /11404	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 783	Date of Summary: 01-MAR-1986	First Sample Examined: 11730
Lease Number: G06886	Source of Paleo: OPERATOR	Borehole MD: 13594
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11998
API Well Number: 608164009401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 11730 - 13594	Water Depth: 1151
Public Info Code: Y 19-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11730 /10496	DEF AT first sample examined	DEF AT 5
12400 /11031	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12590 /11187	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
12680 /11260	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
13040 /11554	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
13250 /11723	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 5
13500 /11922	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 5
13594 /11997	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 783	Date of Summary: 06-FEB-1988	First Sample Examined: 5354
Lease Number: G06886	Source of Paleo: OPERATOR	Borehole MD: 11760
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11759
API Well Number: 608164010000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 5354 - 11748	Water Depth: 1505
Public Info Code: Y 18-MAY-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5354 / 5354	DEF AT first sample examined	DEF AT 5
5355 / 5355	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
7215 / 7215	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
8918 / 8918	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
9534 / 9534	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
11376 /11376	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11748 /11747	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 783	Date of Summary: 01-JUN-1989	First Sample Examined: 7010
Lease Number: G06886	Source of Paleo: OPERATOR	Borehole MD: 10991
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10306
API Well Number: 608164013400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 7010 - 10991	Water Depth: 1494
Public Info Code: Y 10-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7001	DEF AT first sample examined	DEF AT 5
8000 / 7871	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8990 / 8656	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
9740 / 9254	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
10991 / 10307	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 783	Date of Summary: 01-JUN-1989	First Sample Examined: 7010
Lease Number: G06886	Source of Paleo: OPERATOR	Borehole MD: 10400
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 608164013401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 7010 - 10400	Water Depth: 1494
Public Info Code: Y 31-JAN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 7010	DEF AT first sample examined	DEF AT 5
7820 / 7820	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8720 / 8720	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
9200 / 9200	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
10249 /10248	POS AT reworked material	DEF AT 5
10250 /10249	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
10400 /10398	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 825	Date of Summary: 17-DEC-1987	First Sample Examined: 3360
Lease Number: G05778	Source of Paleo: OPERATOR	Borehole MD: 13165
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12604
API Well Number: 608164011400	Drilling Operator: TEXACO INC	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3360 - 13170	Water Depth: 1710
Public Info Code: Y 10-DEC-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3360 / 3360	DEF AT first sample examined	DEF AT 5
3690 / 3690	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3750 / 3750	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
3990 / 3990	DEF AT -----	DEF AT 4
4080 / 4080	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
4620 / 4620	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
4680 / 4680	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
4860 / 4860	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
5460 / 5460	DEF AT -----	DEF AT 4
5490 / 5490	DEF AT -----	DEF AT 3
5550 / 5550	DEF AT -----	DEF AT 4
5670 / 5669	DEF AT -----	DEF AT 5
5820 / 5815	DEF AT -----	DEF AT 4
6150 / 6129	DEF AT -----	DEF AT 5
6210 / 6184	DEF AT -----	DEF AT 4
6720 / 6653	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
7080 / 6983	DEF AT -----	DEF AT 4
7200 / 7093	DEF AT -----	DEF AT 5
7470 / 7341	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
7590 / 7452	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 5
7890 / 7728	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
8220 / 8031	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 825	Date of Summary: 17-DEC-1987	First Sample Examined: 3360
Lease Number: G05778	Source of Paleo: OPERATOR	Borehole MD: 13165
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12604
API Well Number: 608164011400	Drilling Operator: TEXACO INC	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3360 - 13170	Water Depth: 1710
Public Info Code: Y 10-DEC-1997	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 / 8058	DEF AT -----	DEF AT 4
8310 / 8114	DEF AT -----	DEF AT 5
8340 / 8141	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
8850 / 8608	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
9000 / 8746	DEF AT -----	DEF AT 4
9060 / 8801	DEF AT -----	DEF AT 5
9360 / 9077	DEF AT -----	DEF AT 4
9390 / 9105	DEF AT -----	DEF AT 5
9480 / 9188	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
9660 / 9355	DEF AT -----	DEF AT 4
9750 / 9439	DEF AT -----	DEF AT 5
9990 / 9661	DEF AT -----	DEF AT 4
10230 / 9883	DEF AT -----	DEF AT 5
10380 /10021	DEF AT -----	DEF AT 4
11310 /10877	DEF AT -----	DEF AT 5
11550 /11099	DEF AT -----	DEF AT 5
11640 /11183	DEF AT Lower (Early) Miocene	DEF AT 5
11670 /11211	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 5
11820 /11351	DEF IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
12030 /11547	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 5
12060 /11575	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 5
12150 /11659	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 5
12180 /11687	DEF IN Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 5
12390 /11884	POS AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 825	Date of Summary: 17-DEC-1987	First Sample Examined: 3360
Lease Number: G05778	Source of Paleo: OPERATOR	Borehole MD: 13165
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12604
API Well Number: 608164011400	Drilling Operator: TEXACO INC	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3360 - 13170	Water Depth: 1710
Public Info Code: Y 10-DEC-1997	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12600 /12081	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
12690 /12166	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
12810 /12279	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
12990 /12447	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
13110 /12560	DEF IN Upper Cretaceous Maastrichtian Stage	DEF IN 4
13140 /12588	DEF AT Upper Cretaceous Campanian Stage	DEF IN 4
13170 /	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 826	Date of Summary: 30-MAY-1989	First Sample Examined: 4530
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 12614
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12606
API Well Number: 608164014100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4530 - 12614	Water Depth: 1537
Public Info Code: Y 25-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 / 4530	DEF AT first sample examined	DEF AT 5
4531 / 4531	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4532 / 4532	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4560 / 4560	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
5130 / 5130	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
5430 / 5430	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
5550 / 5550	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
5730 / 5730	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
5760 / 5760	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
5880 / 5880	DEF AT pyrite	DEF AT 6
6059 / 6059	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6060 / 6060	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
6149 / 6149	DEF AT pyrite	DEF AT 6
6150 / 6150	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6180 / 6180	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
6570 / 6569	DEF AT pyrite	DEF AT 6
6630 / 6629	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
6930 / 6929	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
8310 / 8309	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 6
8550 / 8549	POS AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 6
9030 / 9028	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
9450 / 9448	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 826	Date of Summary: 30-MAY-1989	First Sample Examined: 4530
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 12614
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12606
API Well Number: 608164014100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4530 - 12614	Water Depth: 1537
Public Info Code: Y 25-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9508	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
9720 / 9717	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
9750 / 9747	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
9840 / 9837	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
10050 /10047	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 6
10350 /10346	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
11310 /11305	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
11370 /11364	DEF AT Cyclamina cancellata (local marker)	DEF AT 6
11430 /11424	DEF AT local marker foram decrease	DEF AT 6
12389 /12381	DEF AT gouge	DEF AT 6
12390 /12382	DEF IN Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 6
12420 /12412	DEF AT foram flood	DEF AT 6
12448 /12440	DEF AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 6
12449 /12441	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 6
12450 /12442	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 6
12539 /12531	DEF AT anhydrite	DEF AT 6
12540 /12532	POS AT salt	DEF AT 6
12564 /12556	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 6
12614 /12606	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 829  
 Lease Number: G10943  
 Well Name: 001  
 API Well Number: 608164020100  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-APR-1997

Date of Summary: 15-SEP-1994  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: HESS CORPORATION  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 12800  
 Borehole TVD: 12798  
 Rkb Elevation: 84  
 Water Depth: 2649  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7799	POS AT Upper (Late) Miocene	DEF AT
9930 / 9929	POS AT Middle Miocene	DEF AT
10800 /10799	POS AT Lower (Early) Miocene	DEF AT
12060 /12058	POS IN Oligocene	DEF AT
12120 /12118	DEF AT Middle Eocene	DEF AT
12340 /12338	DEF AT Lower (Early) Eocene	DEF AT
12760 /12758	DEF AT Lower (Early) Paleocene	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 912	Date of Summary: 03-MAY-1989	First Sample Examined: 4305
Lease Number: G06893	Source of Paleo: OPERATOR	Borehole MD: 13250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13250
API Well Number: 608164009000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 4305 - 13219	Water Depth: 2441
Public Info Code: Y 13-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4305 / 4305	DEF AT first sample examined	DEF AT 5
4306 / 4306	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5379 / 5379	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
5751 / 5751	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
7538 / 7538	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
9750 / 9749	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10585 /10583	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
12280 /12277	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
13219 /13216	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 912	Date of Summary: 25-SEP-1986	First Sample Examined: 0
Lease Number: G06893	Source of Paleo: OPERATOR	Borehole MD: 13709
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13415
API Well Number: 608164010200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2952
Public Info Code: Y 14-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /10232	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 956	Date of Summary: 02-APR-1986	First Sample Examined: 0
Lease Number: G06893	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13623
API Well Number: 608164009801	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 3112
Public Info Code: Y 18-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9965 / 9961	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11266 /11061	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
13064 /12291	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 956	Date of Summary: 26-AUG-1990	First Sample Examined: 0
Lease Number: G06896	Source of Paleo: OPERATOR	Borehole MD: 12860
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12858
API Well Number: 608164009800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 3112
Public Info Code: Y 31-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5845 / 5845	DEF AT first sample examined	DEF AT 5
5846 / 5846	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6240 / 6240	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10048 /10047	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
11140 /11139	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
12480 /12478	DEF AT Middle Miocene (Serravallian) Globorotalia foysi robusta	DEF AT 5
12851 /12849	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 956	<b>Date of Summary:</b> 15-MAY-1987	<b>First Sample Examined:</b> 5560
<b>Lease Number:</b> G06896	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13600
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13598
<b>API Well Number:</b> 608164010700	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5560 - 13600	<b>Water Depth:</b> 3553
<b>Public Info Code:</b> Y 30-MAY-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5560 / 5560	DEF AT first sample examined	POS AT 4
5561 / 5561	DEF AT cement	POS AT 4
5680 / 5680	DEF AT -----	DEF AT 4
5770 / 5770	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6100 / 6100	DEF AT -----	DEF AT 5
6460 / 6460	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
6730 / 6730	DEF AT cement	POS AT 5
6970 / 6970	DEF AT -----	DEF AT 4
7090 / 7090	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
8020 / 8019	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9100 / 9099	DEF AT -----	DEF AT 3
9850 / 9849	DEF AT -----	DEF AT 4
10090 /10089	POS AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
10270 /10269	DEF AT local marker (general)	DEF AT 4
11850 /11849	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
13100 /13098	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
13600 /13598	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 957	Date of Summary: 16-JUN-1989	First Sample Examined: 5438
Lease Number: G08475	Source of Paleo: OPERATOR	Borehole MD: 14533
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13397
API Well Number: 608164013500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 5438 - 14535	Water Depth: 3492
Public Info Code: Y 19-APR-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5438 / 5438	DEF AT first sample examined	DEF AT 4
5888 / 5888	POS IN Pliocene	DEF AT 4
6278 / 6278	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7010 / 7010	DEF AT -----	DEF AT 5
7220 / 7220	DEF AT -----	DEF AT 3
7790 / 7790	DEF AT -----	DEF AT 5
8450 / 8450	DEF AT -----	DEF AT 3
8900 / 8900	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
9440 / 9440	DEF AT Upper (Late) Miocene	DEF AT 3
9710 / 9709	DEF AT -----	DEF AT 4
10820 /10730	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11120 /10961	DEF AT -----	DEF AT 5
11360 /11131	DEF AT -----	DEF AT 4
11630 /11319	POS AT Middle Miocene	DEF AT 4
14535 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 957	<b>Date of Summary:</b> 27-NOV-1990	<b>First Sample Examined:</b> 12480
<b>Lease Number:</b> G08475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14077
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13100
<b>API Well Number:</b> 608164013501	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 46
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 12480 - 14090	<b>Water Depth:</b> 3500
<b>Public Info Code:</b> Y 19-MAY-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12480 /11836	DEF AT first sample examined	DEF AT
12990 /12197	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
14090 /	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 989	Date of Summary: 19-FEB-1986	First Sample Examined: 2610
Lease Number: G06898	Source of Paleo: OPERATOR	Borehole MD: 10277
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10270
API Well Number: 608164009500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2610 - 10279	Water Depth: 1255
Public Info Code: Y 16-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2610 / 2610	DEF AT first sample examined	POS AT 5
2611 / 2611	DEF AT cement	POS AT 5
3210 / 3210	DEF AT -----	DEF AT 5
3570 / 3570	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3720 / 3720	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4020 / 4020	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
4320 / 4320	DEF AT -----	DEF AT 4
6900 / 6900	DEF AT -----	DEF AT 5
7470 / 7469	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
7500 / 7499	DEF AT -----	DEF AT 6
7800 / 7799	DEF AT -----	DEF AT 5
7920 / 7919	DEF AT cement	DEF AT
8280 / 8278	DEF AT -----	DEF AT 5
8520 / 8518	DEF AT -----	DEF AT 6
10080 /10074	POS AT Upper (Late) Miocene	DEF AT 6
10258 /10251	POS AT reworked material	DEF AT 6
10259 /10252	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
10260 /10253	POS AT salt	DEF AT 6
10277 /10270	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 989	Date of Summary: 17-JUN-1987	First Sample Examined: 2580
Lease Number: G06898	Source of Paleo: OPERATOR	Borehole MD: 9813
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9506
API Well Number: 608164011100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2580 - 9813	Water Depth: 1250
Public Info Code: Y 03-JUL-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2580 / 2580	DEF AT first sample examined	DEF AT 4
2581 / 2581	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2760 / 2760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3390 / 3390	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3540 / 3540	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
3600 / 3600	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3970 / 3970	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
6150 / 6147	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	POS AT 4
6180 / 6177	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	POS AT 4
6900 / 6864	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7740 / 7642	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8010 / 7889	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
8820 / 8622	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 4
9780 / 9478	DEF AT Oligocene	DEF AT 5
9813 / 9508	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 989	Date of Summary: 25-JAN-1990	First Sample Examined: 2600
Lease Number: G06898	Source of Paleo: OPERATOR	Borehole MD: 9183
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9183
API Well Number: 608164011200	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2600 - 9170	Water Depth: 1230
Public Info Code: Y 09-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: Per phone conversation with Terry McNan of Sohio

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2600	DEF AT first sample examined	DEF AT
2630 / 2630	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3320 / 3320	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3500 / 3500	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
3530 / 3530	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
3800 / 3800	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3830 / 3830	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5840 / 5840	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
5870 / 5870	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6170 / 6170	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
7190 / 7190	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
9170 / 9169	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 989	Date of Summary: 08-MAY-1989	First Sample Examined: 2475
Lease Number: G06898	Source of Paleo: OPERATOR	Borehole MD: 7250
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 6975
API Well Number: 608164013600	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2475 - 7250	Water Depth: 1190
Public Info Code: Y 08-MAR-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2475 / 2475	DEF AT first sample examined	DEF AT 4
2650 / 2650	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
2830 / 2830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3450 / 3450	DEF AT - - - - -	DEF AT 4
3510 / 3510	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3610 / 3610	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
3670 / 3670	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
3700 / 3700	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
3970 / 3970	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4210 / 4210	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 4
4810 / 4810	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies (acme)	DEF AT 4
5710 / 5703	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
5800 / 5790	POS AT - - - - -	DEF AT 3
6070 / 6041	DEF AT - - - - -	DEF AT 4
6730 / 6587	POS AT - - - - -	DEF AT 4
6760 / 6610	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7250 / 6982	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 989	Date of Summary: 08-MAY-1989	First Sample Examined: 5200
Lease Number: G06898	Source of Paleo: OPERATOR	Borehole MD: 9570
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9271
API Well Number: 608164013601	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 5200 - 9570	Water Depth: 1190
Public Info Code: Y 04-APR-1999	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>
5200 / 5200	DEF AT first sample examined	DEF AT 4
5201 / 5201	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
5202 / 5202	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5760 / 5756	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
5910 / 5902	DEF AT -----	DEF AT 3
6180 / 6161	DEF AT -----	DEF AT 4
6360 / 6331	DEF AT -----	DEF AT 3
6390 / 6359	DEF AT -----	DEF AT 4
6540 / 6495	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
6630 / 6573	DEF AT -----	DEF AT 3
8040 / 7766	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
9570 / 9270	DEF AT last sample examined	DEF AT 3

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 990	Date of Summary: 15-AUG-1985	First Sample Examined: 3180
Lease Number: G06899	Source of Paleo: OPERATOR	Borehole MD: 7736
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7734
API Well Number: 608164009100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3180 - 7730	Water Depth: 1325
Public Info Code: Y 27-MAY-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 3180	DEF AT first sample examined	POS AT 4
3260 / 3259	DEF AT -----	DEF AT 4
3450 / 3449	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3660 / 3659	DEF AT -----	DEF AT 2
3720 / 3719	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
3721 / 3720	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3990 / 3989	DEF AT -----	DEF AT 3
4140 / 4139	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
4200 / 4199	DEF AT -----	DEF AT 2
4500 / 4499	DEF AT -----	DEF AT 3
5430 / 5429	DEF AT reworked material	DEF AT 3
5820 / 5819	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
6570 / 6569	DEF AT -----	DEF AT 4
7230 / 7229	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
7730 / 7729	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VK 993	Date of Summary: 06-FEB-2003	First Sample Examined: 3830
Lease Number: G12125	Source of Paleo: OPERATOR	Borehole MD: 14384
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13677
API Well Number: 608164019500	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 3830 - 14384	Water Depth: 2118
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3830	DEF AT first sample examined	DEF AT
3831 / 3831	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
3890 / 3890	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
4010 / 4010	DEF AT local marker foram increase	DEF AT
4609 / 4609	DEF AT reworked material	DEF AT
4610 / 4610	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
4910 / 4910	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
5870 / 5831	POS AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	DEF AT
5900 / 5858	POS IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
5930 / 5885	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6110 / 6044	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
7010 / 6833	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
7070 / 6886	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT
9530 / 9061	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11210 /10587	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT
11810 /11156	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
11990 /11328	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
12410 /11729	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT
12710 /12018	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT
13850 /13142	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT
14150 /13440	DEF AT reworked material	DEF AT
14270 /13559	DEF AT reworked material	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 993	<b>Date of Summary:</b> 06-FEB-2003	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G12125	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14384
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13677
<b>API Well Number:</b> 608164019500	<b>Drilling Operator:</b> TOTAL E&P USA INC	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 3830 - 14384	<b>Water Depth:</b> 2118
<b>Public Info Code:</b> Y 30-APR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14271 /13560	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
14384 /13673	DEF AT last sample examined	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VK 993	<b>Date of Summary:</b> 06-FEB-2003	<b>First Sample Examined:</b> 3830
<b>Lease Number:</b> G12125	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14384
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13677
<b>API Well Number:</b> 608164019500	<b>Drilling Operator:</b> TOTAL E&P USA INC	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3830 - 14384	<b>Water Depth:</b> 2118
<b>Public Info Code:</b> Y 30-APR-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:** Calcareous nannofossil report, 6770=better development of Dictyococcites productus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3830	DEF AT first sample examined	DEF AT
3831 / 3831	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4910 / 4910	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5990 / 5938	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
6710 / 6571	DEF IN Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
6770 / 6624	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
7040 / 6860	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
7250 / 7045	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8870 / 8482	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
9740 / 9248	POS IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
11420 /10786	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
11840 /11184	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
11960 /11299	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT
12050 /11385	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
12320 /11643	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
14330 /13619	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
14384 /13673	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 17	Date of Summary: 12-APR-1985	First Sample Examined: 0
Lease Number: G05218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 19000
API Well Number: 177054065800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 10-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8215 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10100 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
11838 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14292 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
17132 /	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 17	Date of Summary: 22-NOV-1988	First Sample Examined: 0
Lease Number: G05218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177054080400	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 10-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12985 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 17	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G05218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17007
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17002
API Well Number: 177054058100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 10-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6680 / 6679	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8710 / 8709	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10060 /10059	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11735 /11734	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14470 /14468	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 24	Date of Summary: 22-JAN-1999	First Sample Examined: 16198
Lease Number: G03543	Source of Paleo: OPERATOR	Borehole MD: 18683
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 18683
API Well Number: 177054060200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 16198 - 18681	Water Depth: 28
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16198 /	DEF AT first sample examined	DEF AT 1
17100 /	DEF AT faunal change (no faunal increase)	DEF AT 2
17270 /	DEF AT faunal change (no faunal increase)	DEF AT 1
17500 /	DEF AT faunal change (no faunal increase)	DEF AT 2
17620 /	DEF AT faunal change (no faunal increase)	DEF AT 1
17960 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
18000 /	DEF AT faunal change (no faunal increase)	DEF AT 2
18160 /	DEF AT faunal change (no faunal increase)	DEF AT 1
18430 /	DEF AT faunal change (no faunal increase)	DEF AT 1
18681 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 30	Date of Summary: 07-MAR-1997	First Sample Examined: 0
Lease Number: G04785	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13041
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13041
API Well Number: 177054061800	Drilling Operator: TEXACO INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 30-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10080 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10350 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11220 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 34	Date of Summary: 29-FEB-1996	First Sample Examined: 0
Lease Number: G13876	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11798
API Well Number: 177054100600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6915 / 6915	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7418 / 7418	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8625 / 8624	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10770 /10769	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 38  
Lease Number: 00204  
Well Name: K001  
API Well Number: 177054072100  
Paleo Report Num: 1 of 1  
Public Info Code: Y 23-JAN-1997

Date of Summary: 08-DEC-1999  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: UNION OIL COMPANY OF CALIFORNIA  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 10615  
Borehole TVD: 10614  
Rkb Elevation: 85  
Water Depth: 36  
Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6572 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
7922 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
8356 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8991 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
10186 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10469 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 38	Date of Summary: 06-JAN-1986	First Sample Examined: 0
Lease Number: 00204	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11070
Well Name: M001	Paleo Done By: OPERATOR	Borehole TVD: 11066
API Well Number: 177054071500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 12-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6044 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6487 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
7800 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
8225 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8848 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10322 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 38	Date of Summary: 22-AUG-1990	First Sample Examined: 7000
Lease Number: 00205	Source of Paleo: OPERATOR	Borehole MD: 18025
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 17995
API Well Number: 177054079800	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 7000 - 18020	Water Depth: 38
Public Info Code: Y 17-FEB-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 6999	DEF AT first sample examined	DEF AT 1
7480 / 7479	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7570 / 7569	DEF AT sample gap top	POS AT 2
12359 /12354	DEF AT sample gap bottom	DEF AT 2
12360 /12355	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
12720 /12715	DEF AT -----	DEF AT 1
12930 /12925	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13200 /13195	DEF AT sample gap top	POS AT 3
13900 /13895	DEF AT sample gap bottom	DEF AT 3
14590 /14585	DEF AT -----	DEF AT 1
15100 /15095	DEF AT -----	DEF AT 3
17890 /17863	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
18020 /17990	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 42	Date of Summary: 12-JAN-1996	First Sample Examined: 0
Lease Number: 00208	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12989
API Well Number: 177054099900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 20-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 6120	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6803 / 6803	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7185 / 7185	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
8113 / 8113	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8607 / 8607	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9233 / 9233	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9993 / 9992	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10515 /10514	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10923 /10922	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 42	<b>Date of Summary:</b> 16-NOV-1992	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00208	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11235
<b>Well Name:</b> L001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10718
<b>API Well Number:</b> 177054076700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 42
<b>Public Info Code:</b> Y 20-NOV-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10602 /10140	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11108 /10602	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 46	Date of Summary: 27-JUN-1988	First Sample Examined: 0
Lease Number: 00079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16290
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 16290
API Well Number: 177054078000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 09-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6490 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
7710 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8470 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9210 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9730 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10150 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10780 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12620 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
14310 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 58	Date of Summary: 16-MAY-1984	First Sample Examined: 3530
Lease Number: G03546	Source of Paleo: OPERATOR	Borehole MD: 9968
Well Name: 009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9286
API Well Number: 177054063900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3530 - 9980	Water Depth: 30
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3454	DEF AT first sample examined	DEF AT 2
7190 / 6743	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7580 / 7096	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8360 / 7803	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9410 / 8770	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 71	Date of Summary: 03-DEC-1996	First Sample Examined: 0
Lease Number: G14396	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10637
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10182
API Well Number: 177054103900	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 31-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 / 6860	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8900 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10280 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 86	Date of Summary: 12-JAN-1995	First Sample Examined: 0
Lease Number: G14400	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11176
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11176
API Well Number: 177054097000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 06-NOV-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 7420	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10095 /10094	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 87	<b>Date of Summary:</b> 02-AUG-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10652	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10725
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10725
<b>API Well Number:</b> 177054092500	<b>Drilling Operator:</b> APACHE CORPORATION	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 21
<b>Public Info Code:</b> Y 31-MAY-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 5460	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6630 / 6630	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7230 / 7230	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8490 / 8490	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9030 / 9030	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10665 /10665	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 88	Date of Summary: 26-SEP-1989	First Sample Examined: 6700
Lease Number: G10653	Source of Paleo: OPERATOR	Borehole MD: 10150
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10149
API Well Number: 177054083300	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 6700 - 10150	Water Depth: 21
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 /	DEF AT first sample examined	DEF IN 2
7420 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
7450 /	DEF AT -----	DEF AT 3
7960 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9220 /	DEF AT -----	DEF AT 4
9340 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10120 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10150 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 90	Date of Summary: 08-FEB-1990	First Sample Examined: 4000
Lease Number: G10655	Source of Paleo: OPERATOR	Borehole MD: 11384
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11384
API Well Number: 177054084600	Drilling Operator: ADOBE OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11380	Water Depth: 20
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF IN 1
4060 /	DEF AT - - - - -	DEF AT 2
6820 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7510 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7750 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8260 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
9160 /	DEF AT - - - - -	DEF AT 3
9610 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11380 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 95	Date of Summary: 04-AUG-1988	First Sample Examined: 4000
Lease Number: G05408	Source of Paleo: OPERATOR	Borehole MD: 19902
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19902
API Well Number: 177054079300	Drilling Operator: PETROFINA DELAWARE INCORPORATE	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4000 - 19903	Water Depth: 17
Public Info Code: Y 10-AUG-1998	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF AT first sample examined	DEF IN 1
6340 / 6340	DEF AT -----	DEF AT 2
7720 / 7720	DEF AT -----	DEF AT 3
7750 / 7750	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8350 / 8341	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9040 / 9031	DEF AT -----	DEF AT 4
9730 / 9721	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10540 /10531	DEF AT sample gap top	POS AT 4
10990 /10981	DEF AT sample gap bottom	DEF AT 4
11620 /11611	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12790 /12781	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
13780 /13771	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
13900 /13891	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
14950 /14941	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
15010 /15001	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
15190 /15181	DEF AT -----	DEF AT 6
15880 /15871	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
16900 /16882	DEF AT -----	DEF AT 6
19903 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 95	Date of Summary: 31-MAR-1993	First Sample Examined: 0
Lease Number: G05408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11128
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11113
API Well Number: 177054078700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 18-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8615 / 8603	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 101	Date of Summary: 20-JUL-1990	First Sample Examined: 0
Lease Number: G10658	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9840
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9725
API Well Number: 177054085700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 31-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 5120	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7670 / 7631	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8390 / 8333	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9620 / 9518	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 101	Date of Summary: 13-OCT-1997	First Sample Examined: 0
Lease Number: G10658	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10369
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10217
API Well Number: 177054085100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 31-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5880 / 5770	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7590 / 7442	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7830 / 7681	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8460 / 8309	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9030 / 8879	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9910 / 9758	DEF AT gouge	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 103	Date of Summary: 02-MAR-1992	First Sample Examined: 0
Lease Number: G01954	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7920
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177054090000	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 19-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6760 / 6561	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 107	Date of Summary: 02-APR-1985	First Sample Examined: 1000
Lease Number: G05411	Source of Paleo: OPERATOR	Borehole MD: 9400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 177054068800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9400	Water Depth: 56
Public Info Code: Y 21-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 0
1001 / 1001	DEF IN non-marine sediment	DEF AT 0
2160 / 2160	DEF AT shell fragments	DEF AT 1
3700 / 3700	DEF AT local marker benthic foram increase	DEF AT 1
4000 / 4000	DEF AT local marker foram decrease	DEF AT 1
5790 / 5789	POS AT Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai (acme)</i>	DEF AT 1
5791 / 5790	POS AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 1
6870 / 6869	POS AT Lower Pliocene (Zanclian) <i>Sigmoilina "P" / cf. schlumbergeri</i>	DEF AT 2
7080 / 7079	POS AT Lower Pliocene (Zanclian) <i>Globigerinoides mitra</i>	DEF AT 2
7110 / 7109	DEF AT -----	DEF AT 1
7710 / 7708	POS AT Upper Miocene (Messinian) <i>Textularia "X"</i>	DEF AT 2
7890 / 7888	DEF AT -----	DEF AT 1
8220 / 8218	DEF AT -----	DEF AT 2
8400 / 8398	POS AT Upper Miocene (Messinian) <i>Bolivina denticulata</i>	DEF AT 2
8580 / 8578	POS AT Upper Miocene (Tortonian) <i>Textularia 6</i>	DEF AT 2
8850 / 8848	DEF IN Upper Miocene (Tortonian) <i>Textularia 6</i>	DEF AT 2
8940 / 8938	DEF AT -----	DEF AT 1
9270 /	DEF AT -----	DEF AT 2
9400 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 109	Date of Summary: 27-DEC-1984	First Sample Examined: 1120
Lease Number: G06663	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9000
API Well Number: 177054067800	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1120 - 9000	Water Depth: 32
Public Info Code: Y 14-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1120 /	DEF AT first sample examined	DEF IN 1
6070 /	DEF AT -----	DEF AT 2
6100 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7990 /	DEF AT -----	DEF AT 3
8020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	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-1994

End Date: 31-DEC-1999

Area Block: VR 109	Date of Summary: 06-APR-1985	First Sample Examined: 4000
Lease Number: G06663	Source of Paleo: OPERATOR	Borehole MD: 12865
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12865
API Well Number: 177054068200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12865	Water Depth: 42
Public Info Code: Y 14-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF IN 1
6130 /	DEF AT - - - - -	DEF AT 2
6400 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7810 /	DEF AT - - - - -	DEF AT 3
8020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8890 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
10360 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11410 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12520 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
12865 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 109	Date of Summary: 12-JUN-1985	First Sample Examined: 5500
Lease Number: G06663	Source of Paleo: OPERATOR	Borehole MD: 13835
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12798
API Well Number: 177054069400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5500 - 13835	Water Depth: 42
Public Info Code: Y 14-FEB-1996	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 1
5830 / 5607	DEF AT -----	DEF AT 2
6496 / 6220	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8320 / 7842	DEF AT -----	DEF AT 3
8410 / 7921	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9580 / 8953	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
10420 / 9709	DEF AT -----	DEF AT 4
10900 /10143	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
11740 /10904	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11920 /11066	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
13835 /12798	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 109	<b>Date of Summary:</b> 01-MAY-1986	<b>First Sample Examined:</b> 7990
<b>Lease Number:</b> G06663	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16375
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14395
<b>API Well Number:</b> 177054072200	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 87
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 7990 - 13180	<b>Water Depth:</b> 42
<b>Public Info Code:</b> Y 14-FEB-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: 9310=Siphogenerina lamellata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 7989	DEF AT first sample examined	DEF AT 2
7991 / 7990	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8020 / 8019	DEF AT - - - - -	DEF AT 3
8140 / 8139	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9310 / 9292	DEF AT local marker benthic foram increase	DEF AT 3
10240 /10133	DEF AT - - - - -	DEF AT 4
10270 /10158	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10990 /10696	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13150 /12193	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
13180 /12213	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 109	Date of Summary: 01-MAY-1986	First Sample Examined: 12880
Lease Number: G06663	Source of Paleo: OPERATOR	Borehole MD: 16375
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14395
API Well Number: 177054072200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 12880 - 16375	Water Depth: 42
Public Info Code: Y 14-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12880 /12007	DEF AT first sample examined	DEF IN 4
13180 /12213	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 4
16240 /14275	DEF AT - - - - -	DEF AT 5
16375 /14395	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 114	Date of Summary: 30-MAY-1985	First Sample Examined: 0
Lease Number: G05191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11900
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11898
API Well Number: 177054059000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 14-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11340 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 115	<b>Date of Summary:</b> 01-JUN-1988	<b>First Sample Examined:</b> 5700
<b>Lease Number:</b> G05192	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11535
<b>Well Name:</b> A004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11352
<b>API Well Number:</b> 177054079101	<b>Drilling Operator:</b> CONQUEST EXPLORATION COMPANY	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5700 - 11520	<b>Water Depth:</b> 60
<b>Public Info Code:</b> Y 07-APR-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5623	DEF AT first sample examined	DEF IN 2
6150 / 6045	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
7200 / 7042	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
8850 / 8670	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9850 / 9669	POS AT - - - - -	POS AT 4
10230 /10049	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	POS AT 4
11130 /10948	DEF AT local marker foram increase	POS AT 4
11520 /11337	DEF AT last sample examined	POS AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 115	<b>Date of Summary:</b> 21-SEP-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05192	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11510
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10809
<b>API Well Number:</b> 177054098000	<b>Drilling Operator:</b> AMERICAN EXPLORATION COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 55
<b>Public Info Code:</b> Y 07-APR-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11354 /10659	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 117	Date of Summary: 17-JAN-1991	First Sample Examined: 0
Lease Number: G05415	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9087
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6473
API Well Number: 177054081900	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 21-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8740 / 6266	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 119	Date of Summary: 10-OCT-1996	First Sample Examined: 9020
Lease Number: 00487	Source of Paleo: OPERATOR	Borehole MD: 12580
Well Name: G008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11419
API Well Number: 177054102500	Drilling Operator: MERIDIAN OIL INC	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 9020 - 11140	Water Depth: 69
Public Info Code: Y 28-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 8703	DEF AT first sample examined	DEF AT 2
9260 / 8904	DEF AT - - - - -	DEF AT 3
10030 / 9520	POS AT Upper Miocene (Tortonian) Bigenerina florida / "A"	DEF AT 4
10840 / 10160	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11140 / 10396	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 119	Date of Summary: 10-OCT-1996	First Sample Examined: 11200
Lease Number: 00487	Source of Paleo: OPERATOR	Borehole MD: 12580
Well Name: G008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11419
API Well Number: 177054102500	Drilling Operator: MERIDIAN OIL INC	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 11200 - 12580	Water Depth: 69
Public Info Code: Y 28-JUN-1999	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>
11200 /10443	DEF AT first sample examined	DEF AT 3
12580 /11419	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 122	Date of Summary: 07-APR-1981	First Sample Examined: 0
Lease Number: G03807	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12620
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12620
API Well Number: 177054036400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 10-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8050 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
9746 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 122	Date of Summary: 25-JUN-1982	First Sample Examined: 0
Lease Number: G03807	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12256
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11300
API Well Number: 177054052100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 10-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 6860	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8630 / 7954	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11300 /10413	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11660 /10742	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 122	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G03807	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12751
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11676
API Well Number: 177054053300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 10-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10324 / 9761	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
11740 /10897	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
12458 /11455	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 122	Date of Summary: 21-OCT-1983	First Sample Examined: 0
Lease Number: G03807	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12751
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11676
API Well Number: 177054053300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 10-DEC-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10319 / 9757	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
11661 /10834	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
12445 /11445	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 123	Date of Summary: 20-JAN-1997	First Sample Examined: 8490
Lease Number: G12865	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14540
API Well Number: 177054101900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 8490 - 15000	Water Depth: 72
Public Info Code: Y 22-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8490 / 8488	DEF AT first sample examined	POS AT 2
8820 / 8818	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 2
9660 / 9623	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 3
10530 /10404	DEF IN Upper Miocene (Tortonian) Discoaster berggenii (variety)	DEF AT 3
10740 /10591	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12240 /11952	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 3
14370 /13936	POS IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
14822 /14368	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 3
15000 /14539	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 124	Date of Summary: 24-OCT-1985	First Sample Examined: 0
Lease Number: 00487	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10575
Well Name: H008	Paleo Done By: OPERATOR	Borehole TVD: 9555
API Well Number: 177054070000	Drilling Operator: CONOCO INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 27-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6002	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 124	Date of Summary: 25-NOV-1985	First Sample Examined: 0
Lease Number: 00487	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8276
Well Name: H009	Paleo Done By: OPERATOR	Borehole TVD: 7361
API Well Number: 177054070600	Drilling Operator: CONOCO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 05-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 5877	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 124  
Lease Number: 00495  
Well Name: I002  
API Well Number: 177054081400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 26-APR-1999

Date of Summary: 18-MAY-1989  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: CONOCO INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 9050  
Borehole TVD: 8738  
Rkb Elevation: 122  
Water Depth: 75  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7110 / 6842	DEF AT Cyclammina sp. (local marker)	DEF AT
8340 / 8036	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8940 / 8631	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 124	Date of Summary: 29-OCT-1996	First Sample Examined: 5970
Lease Number: G12865	Source of Paleo: OPERATOR	Borehole MD: 11900
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11326
API Well Number: 177054103400	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 5970 - 11910	Water Depth: 75
Public Info Code: Y 22-APR-1997	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5970 / 5968	DEF AT first sample examined	DEF AT 2
6150 / 6147	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6870 / 6866	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
7230 / 7225	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7469 / 7462	DEF AT out-of-place section	DEF AT 3
7470 / 7463	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
7500 / 7492	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
7560 / 7551	DEF AT local marker foram decrease	DEF AT 3
10918 /10478	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
10919 /10479	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
10920 /10480	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
10950 /10506	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11910 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 129	Date of Summary: 01-NOV-1990	First Sample Examined: 0
Lease Number: G11866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13463
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13338
API Well Number: 177054086100	Drilling Operator: FREEPORT MCMORAN OIL & GAS	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8190 / 8190	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
10860 /10858	DEF IN Cyclammia sp. (local marker)	DEF AT
10861 /10859	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT
11940 /11918	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
13290 /13180	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 147	Date of Summary: 12-JUN-1989	First Sample Examined: 6913
Lease Number: G02071	Source of Paleo: OPERATOR	Borehole MD: 15790
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 15600
API Well Number: 177054082100	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 6913 - 15790	Water Depth: 81
Public Info Code: Y 13-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6913 / 6912	DEF AT first sample examined	DEF AT 1
6914 / 6913	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 1
7566 / 7565	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8680 / 8679	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
10280 /10279	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
13030 /12976	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 3
13210 /13147	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
13540 /13459	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13780 /13682	DEF AT - - - - -	DEF AT 4
15520 /15343	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 4
15790 /15605	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 148	Date of Summary: 21-DEC-1994	First Sample Examined: 0
Lease Number: G08667	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15725
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15496
API Well Number: 177054092001	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 22-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14200 /13898	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 148	Date of Summary: 12-JAN-1993	First Sample Examined: 0
Lease Number: G08667	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15686
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15683
API Well Number: 177054077400	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 22-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11100 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12850 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13980 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 152	Date of Summary: 13-OCT-1997	First Sample Examined: 0
Lease Number: G16299	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5053
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4838
API Well Number: 177054105800	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 28-MAY-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4590	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 156	Date of Summary: 24-JAN-1995	First Sample Examined: 13500
Lease Number: G12866	Source of Paleo: OPERATOR	Borehole MD: 15192
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 15190
API Well Number: 177054099300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 13500 - 16170	Water Depth: 88
Public Info Code: Y 20-JUN-1999	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>
13500 /13499	DEF AT first sample examined	DEF IN 2
13530 /13529	POS IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 2
14160 /14158	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 2
14190 /14188	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
15240 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
15450 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
16170 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 162	<b>Date of Summary:</b> 03-JUL-1984	<b>First Sample Examined:</b> 7990
<b>Lease Number:</b> G05419	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9978
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9978
<b>API Well Number:</b> 177054064200	<b>Drilling Operator:</b> MIDCON EXPLORATION COMPANY GU	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7990 - 9940	<b>Water Depth:</b> 95
<b>Public Info Code:</b> Y 16-JUL-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 /	DEF IN salt	DEF AT
7991 /	DEF IN anhydrite	DEF AT
9940 /	DEF IN salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 162	Date of Summary: 09-MAR-1999	First Sample Examined: 3510
Lease Number: G05419	Source of Paleo: OPERATOR	Borehole MD: 12699
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12384
API Well Number: 177054109500	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 3510 - 12699	Water Depth: 87
Public Info Code: Y 21-AUG-1999	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3382	DEF AT first sample examined	DEF AT 1
5100 / 4845	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5430 / 5158	DEF AT -----	DEF AT 2
6840 / 6527	DEF AT -----	DEF AT 3
6930 / 6616	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7230 / 6916	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
7530 / 7216	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9900 / 9586	DEF AT -----	DEF AT 4
10410 /10095	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
11610 /11295	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12699 /12384	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 162	Date of Summary: 09-MAR-1999	First Sample Examined: 3510
Lease Number: G05419	Source of Paleo: OPERATOR	Borehole MD: 12699
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12384
API Well Number: 177054109500	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 3510 - 12699	Water Depth: 87
Public Info Code: Y 21-AUG-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3382	DEF AT first sample examined	DEF AT
4050 / 3873	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4740 / 4506	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5340 / 5073	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5640 / 5359	POS AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
5760 / 5473	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8520 / 8206	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
9480 / 9166	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10440 /10125	POS AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
11580 /11265	POS AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
12698 /12383	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
12699 /12384	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 162	Date of Summary: 22-FEB-1990	First Sample Examined: 0
Lease Number: G05419	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10200
Well Name: AJ001	Paleo Done By: OPERATOR	Borehole TVD: 9864
API Well Number: 177054080000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 20-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8750 / 8482	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9380 / 9083	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 162	Date of Summary: 26-MAR-1991	First Sample Examined: 0
Lease Number: G05419	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11110
Well Name: AJ002	Paleo Done By: OPERATOR	Borehole TVD: 10789
API Well Number: 177054083200	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 21-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6878 / 6650	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7798 / 7524	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9030 / 8730	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 164	<b>Date of Summary:</b> 16-APR-1986	<b>First Sample Examined:</b> 1200
<b>Lease Number:</b> G06668	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12493
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12493
<b>API Well Number:</b> 177054067100	<b>Drilling Operator:</b> EXXON MOBIL CORPORATION	<b>Rkb Elevation:</b> 93
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1200 - 12493	<b>Water Depth:</b> 95
<b>Public Info Code:</b> Y 01-JAN-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	DEF AT
8640 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8760 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9450 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10500 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12000 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12493 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 167  
Lease Number: G04794  
Well Name: AJ001  
API Well Number: 177054073000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 16-OCT-1996

Date of Summary: 02-SEP-1986  
Source of Paleo: OPERATOR  
Paleo Done By: CROSBIE-MACOMBER  
Drilling Operator: MCMORAN OIL & GAS CO  
Sample Range: 2640 - 12082  
Ecozone Eq MMS:

First Sample Examined: 2640  
Borehole MD: 12291  
Borehole TVD: 12015  
Rkb Elevation: 100  
Water Depth: 95  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2640 / 2640	DEF AT first sample examined	DEF AT 2
7940 / 7933	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8660 / 8619	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9350 / 9273	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
10130 / 9993	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11030 /10831	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11510 /11280	DEF AT Cyclamina sp. (local marker)	DEF AT 4
11810 /11562	DEF AT local marker (general)	DEF AT 4
12082 /11819	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 167	Date of Summary: 05-AUG-1988	First Sample Examined: 0
Lease Number: G04794	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13240
Well Name: AJ002	Paleo Done By: OPERATOR	Borehole TVD: 12454
API Well Number: 177054073301	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 26-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11689 /11150	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11994 /11423	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 180	Date of Summary: 30-JUN-1994	First Sample Examined: 3975
Lease Number: G10664	Source of Paleo: OPERATOR	Borehole MD: 7453
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7449
API Well Number: 177054095600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3975 - 7454	Water Depth: 96
Public Info Code: Y 10-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3975 / 3974	DEF AT first sample examined	POS AT 2
4454 / 4453	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
5002 / 5001	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 2
5194 / 5192	DEF AT faunal change (no faunal increase)	DEF IN 1
6095 / 6092	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
6581 / 6578	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7454 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 187	Date of Summary: 07-JUL-1987	First Sample Examined: 0
Lease Number: G06673	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14305
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12034
API Well Number: 177054075001	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 02-OCT-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10430 / 9552	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-1994

End Date: 31-DEC-1999

Area Block: VR 187	Date of Summary: 21-FEB-1989	First Sample Examined: 950
Lease Number: G06673	Source of Paleo: OPERATOR	Borehole MD: 13660
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9352
API Well Number: 177054081200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 950 - 13190	Water Depth: 107
Public Info Code: Y 02-OCT-1996	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
1070 / 1070	DEF AT -----	DEF AT 2
6640 / 5509	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8920 / 6878	DEF AT -----	DEF AT 3
10510 / 7769	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
12440 / 8809	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
13190 / 9149	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 187	Date of Summary: 21-FEB-1989	First Sample Examined: 13170
Lease Number: G06673	Source of Paleo: OPERATOR	Borehole MD: 13660
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9352
API Well Number: 177054081200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 13170 - 13720	Water Depth: 107
Public Info Code: Y 02-OCT-1996	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>
13170 / 9140	DEF AT first sample examined	DEF AT
13720 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 15-MAY-1969	First Sample Examined: 7716
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 14860
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14860
API Well Number: 177050027100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 7716 - 14860	Water Depth: 106
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7716 /	DEF AT first sample examined	DEF AT
10813 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14860 /	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 15-MAY-1969	First Sample Examined: 8067
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 13287
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13220
API Well Number: 177050027201	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 8067 - 13205	Water Depth: 106
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8067 / 7994	DEF AT first sample examined	DEF AT
10627 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13205 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 20-JUN-1969	First Sample Examined: 9800
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 10469
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10469
API Well Number: 177050037400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9800 - 10460	Water Depth: 105
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 /	DEF AT first sample examined	DEF AT
9890 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10460 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 20-JUN-1969	First Sample Examined: 10370
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 14180
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14087
API Well Number: 177050037401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 10370 - 14180	Water Depth: 103
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10370 /10326	DEF AT first sample examined	DEF AT
10550 /10499	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14180 /14077	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 190	<b>Date of Summary:</b> 15-MAY-1969	<b>First Sample Examined:</b> 6310
<b>Lease Number:</b> G01133	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14550
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14322
<b>API Well Number:</b> 177050037000	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6310 - 14550	<b>Water Depth:</b> 90
<b>Public Info Code:</b> Y 19-MAY-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6310 / 6268	DEF AT first sample examined	DEF AT
10450 /10280	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14550 /14318	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 20-JUN-1969	First Sample Examined: 9980
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13670
API Well Number: 177050037100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9980 - 14000	Water Depth: 103
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 9807	DEF AT first sample examined	DEF AT
10760 /10546	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14000 /13670	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 31-MAR-1970	First Sample Examined: 9800
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 12636
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 12621
API Well Number: 177052003100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 9800 - 11015	Water Depth: 103
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9792	DEF AT first sample examined	DEF AT
10250 /10241	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11015 /11004	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 31-MAR-1970	First Sample Examined: 10110
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 12636
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 12621
API Well Number: 177052003100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 10110 - 12630	Water Depth: 103
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10110 /10101	DEF AT first sample examined	DEF AT
10260 /10251	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12630 /12616	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 27-FEB-1970	First Sample Examined: 10230
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 13657
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13328
API Well Number: 177052003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 10230 - 13630	Water Depth: 103
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10230 / 9917	DEF AT first sample examined	DEF AT
10650 /10333	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13630 /13301	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 190	Date of Summary: 20-DEC-1978	First Sample Examined: 10000
Lease Number: G01133	Source of Paleo: OPERATOR	Borehole MD: 13215
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 13146
API Well Number: 177054031900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 10000 - 13268	Water Depth: 105
Public Info Code: Y 19-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9950	DEF AT first sample examined	DEF AT
10210 /10157	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13268 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 202	<b>Date of Summary:</b> 28-SEP-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G14409	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11850
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11024
<b>API Well Number:</b> 177054096900	<b>Drilling Operator:</b> COCKRELL OIL CORPORATION	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 107
<b>Public Info Code:</b> Y 26-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6610 / 6606	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7150 / 7125	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8670 / 8393	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 204	<b>Date of Summary:</b> 30-APR-1994	<b>First Sample Examined:</b> 9440
<b>Lease Number:</b> G10671	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14672
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12491
<b>API Well Number:</b> 177054094500	<b>Drilling Operator:</b> SHELL OFFSHORE INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 9440 - 14680	<b>Water Depth:</b> 110
<b>Public Info Code:</b> Y 18-JUL-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Original hole report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9440 /	DEF AT first sample examined	DEF AT 2
10070 /	DEF AT sample gap top	POS AT 2
10780 /	DEF AT sample gap bottom	DEF AT 2
14680 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 204	Date of Summary: 05-JUL-1994	First Sample Examined: 11870
Lease Number: G10671	Source of Paleo: OPERATOR	Borehole MD: 14672
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 12491
API Well Number: 177054094500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 11870 - 13485	Water Depth: 110
Public Info Code: Y 18-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11870 /	DEF AT first sample examined	DEF AT 2
12010 /	DEF AT -----	DEF AT 1
12070 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
12160 /	DEF AT -----	DEF AT 2
12220 /	DEF AT local marker foram increase	DEF IN 2
12310 /	DEF AT Cyclammia cancellata (local marker)	DEF IN 2
12340 /	DEF AT -----	DEF IN 1
12460 /	DEF AT -----	DEF AT 3
12610 /	DEF AT -----	DEF IN 1
12730 /	DEF AT -----	DEF AT 2
12760 /	DEF AT -----	DEF AT 1
12790 /	DEF AT -----	DEF AT 2
13150 /	DEF AT -----	DEF IN 1
13480 /	DEF AT last sample examined	DEF IN 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 216	Date of Summary: 27-NOV-1996	First Sample Examined: 0
Lease Number: G13885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10572
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10571
API Well Number: 177054104100	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 29-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9250 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 216	<b>Date of Summary:</b> 13-FEB-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G13885	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10175
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10174
<b>API Well Number:</b> 177054104400	<b>Drilling Operator:</b> NORCEN EXPLORER INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 123
<b>Public Info Code:</b> Y 29-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8911 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9304 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9598 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 218	Date of Summary: 19-AUG-1987	First Sample Examined: 10243
Lease Number: G01142	Source of Paleo: OPERATOR	Borehole MD: 11641
Well Name: B008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11293
API Well Number: 177054075800	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 10243 - 10397	Water Depth: 111
Public Info Code: Y 16-OCT-1997	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10243 / 9963	DEF AT first sample examined	DEF AT 5
10244 / 9964	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10397 /10105	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 219	<b>Date of Summary:</b> 12-JAN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10673	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11500
<b>API Well Number:</b> 177054084500	<b>Drilling Operator:</b> NORCEN EXPLORER INC	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 116
<b>Public Info Code:</b> Y 30-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6645 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11275 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 220	<b>Date of Summary:</b> 10-JUN-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G17910	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11473
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11201
<b>API Well Number:</b> 177054107800	<b>Drilling Operator:</b> WESTPORT OIL AND GAS COMPANY LP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 111
<b>Public Info Code:</b> Y 29-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9314 / 9312	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
10558 /10476	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10726 /10615	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 226	Date of Summary: 30-SEP-1999	First Sample Examined: 0
Lease Number: G05195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13113
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 12628
API Well Number: 177054101400	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 122
Public Info Code: Y 03-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11150 /10834	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 227	Date of Summary: 29-DEC-1989	First Sample Examined: 0
Lease Number: G10674	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11365
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11365
API Well Number: 177054084100	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6815 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11240 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 14-APR-1989	First Sample Examined: 0
Lease Number: G06677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12038
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11721
API Well Number: 177054081600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 07-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11810 /11531	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 15-JUL-1985	First Sample Examined: 4000
Lease Number: G06677	Source of Paleo: OPERATOR	Borehole MD: 11938
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11938
API Well Number: 177054069900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11920	Water Depth: 125
Public Info Code: Y 04-AUG-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF IN 2
5230 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6460 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6760 /	DEF AT sample gap top	POS AT 3
7060 /	DEF AT sample gap bottom	DEF AT 3
8020 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8560 /	DEF AT - - - - -	DEF AT 4
10990 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
11920 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 07-OCT-1985	First Sample Examined: 3608
Lease Number: G06677	Source of Paleo: OPERATOR	Borehole MD: 15693
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14953
API Well Number: 177054070200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3608 - 14330	Water Depth: 125
Public Info Code: Y 05-NOV-1995	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3608 / 3608	DEF AT first sample examined	DEF IN 2
6470 / 6470	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8000 / 8000	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8420 / 8419	DEF AT - - - - -	DEF AT 4
11120 /10964	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13910 /13396	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
14330 /13762	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 07-OCT-1985	First Sample Examined: 13180
Lease Number: G06677	Source of Paleo: OPERATOR	Borehole MD: 15693
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14953
API Well Number: 177054070200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 13180 - 15694	Water Depth: 125
Public Info Code: Y 05-NOV-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13180 /12777	DEF AT first sample examined	DEF AT 5
13870 /13361	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
15310 /14613	DEF AT -----	DEF AT 6
15694 /	DEF AT last sample examined	DEF AT 6

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End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 03-DEC-1985	First Sample Examined: 4000
Lease Number: G06677	Source of Paleo: OPERATOR	Borehole MD: 13030
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11861
API Well Number: 177054071100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4000 - 13030	Water Depth: 125
Public Info Code: Y 30-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3999	DEF AT first sample examined	DEF IN 2
6730 / 6431	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
8290 / 7764	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
8500 / 7942	DEF AT -----	DEF AT 3
9340 / 8656	DEF AT -----	DEF AT 4
12340 /11256	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13030 /11860	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 02-JAN-1985	First Sample Examined: 4000
Lease Number: G06677	Source of Paleo: OPERATOR	Borehole MD: 12360
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11650
API Well Number: 177054071600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12305	Water Depth: 125
Public Info Code: Y 31-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3997	DEF AT first sample examined	DEF IN 2
5380 / 5242	POS AT - - - - -	POS AT 3
5650 / 5479	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 3
6790 / 6472	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
8380 / 7849	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
10870 /10166	DEF AT - - - - -	DEF AT 4
11800 /11096	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12305 /11601	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 28-MAY-1987	First Sample Examined: 0
Lease Number: G06677	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12410
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10407
API Well Number: 177054075100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 17-MAY-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10133 / 8750	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 237	<b>Date of Summary:</b> 20-NOV-1987	<b>First Sample Examined:</b> 8730
<b>Lease Number:</b> G06677	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12508
<b>Well Name:</b> A008	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11712
<b>API Well Number:</b> 177054076100	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 112
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 8730 - 12480	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 21-NOV-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8730 / 7985	DEF AT first sample examined	DEF AT 2
8731 / 7986	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9600 / 8816	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10590 / 9796	DEF AT - - - - -	DEF AT 4
12090 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12780 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 237	Date of Summary: 20-NOV-1987	First Sample Examined: 9010
Lease Number: G06677	Source of Paleo: OPERATOR	Borehole MD: 12230
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11700
API Well Number: 177054076101	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 9010 - 12230	Water Depth: 125
Public Info Code: Y 10-DEC-1997	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 8575	DEF AT first sample examined	DEF IN 3
10330 / 9832	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11590 /11062	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12230 /11701	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 245	<b>Date of Summary:</b> 20-MAR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01146	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13268
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12459
<b>API Well Number:</b> 177054067400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 130
<b>Public Info Code:</b> Y 05-MAR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6420	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8400 / 8303	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9420 / 9193	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10830 /10425	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11400 /10914	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-1994

End Date: 31-DEC-1999

Area Block: VR 245	Date of Summary: 13-MAR-1986	First Sample Examined: 0
Lease Number: G01146	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10748
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 10112
API Well Number: 177054071000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 06-OCT-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3356	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5500 / 5199	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7400 / 6973	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9000 / 8493	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10300 / 9710	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 245	Date of Summary: 10-DEC-1996	First Sample Examined: 0
Lease Number: G01146	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12230
Well Name: F003	Paleo Done By: OPERATOR	Borehole TVD: 10430
API Well Number: 177054070800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 12-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4130 / 3677	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
8180 / 6804	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9800 / 8134	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11732 / 9945	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 249	Date of Summary: 30-JAN-1987	First Sample Examined: 0
Lease Number: G06678	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14645
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14645
API Well Number: 177054074000	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 13-FEB-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14000 /	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 249	<b>Date of Summary:</b> 07-APR-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G06678	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 4700
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4700
<b>API Well Number:</b> 177054081700	<b>Drilling Operator:</b> ENERGEN RESOURCES MAQ INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 138
<b>Public Info Code:</b> Y 04-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 250	Date of Summary: 27-NOV-1984	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7470
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 6995
API Well Number: 177054066600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 142
Public Info Code: Y 27-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5360 / 5146	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6440 / 6063	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7070 / 6632	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 250	Date of Summary: 18-APR-1988	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14050
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 13324
API Well Number: 177054077500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 28-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12600 /12001	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-1994

End Date: 31-DEC-1999

Area Block: VR 250	Date of Summary: 17-OCT-1983	First Sample Examined: 0
Lease Number: G05031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15200
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 13115
API Well Number: 177054082200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 04-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /10470	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12500 /10913	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-1994

End Date: 31-DEC-1999

Area Block: VR 250	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G05031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15376
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 12956
API Well Number: 177054082300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 04-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10540 / 9247	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12430 /10915	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-1994

End Date: 31-DEC-1999

Area Block: VR 251	Date of Summary: 03-NOV-1987	First Sample Examined: 0
Lease Number: G02873	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13820
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 13408
API Well Number: 177054075400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 06-SEP-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8200 / 8187	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11900 /11679	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-1994

End Date: 31-DEC-1999

Area Block: VR 252	Date of Summary: 25-FEB-1985	First Sample Examined: 0
Lease Number: G05431	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13409
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 13401
API Well Number: 177064054700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 12-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5713 / 5713	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6214 / 6214	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9250 / 9250	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10562 / 10561	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11170 / 11169	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 252	<b>Date of Summary:</b> 31-JAN-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05431	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16141
<b>Well Name:</b> F002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15200
<b>API Well Number:</b> 177064055400	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 150
<b>Public Info Code:</b> Y 30-AUG-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9630 / 9389	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10920 /10644	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11900 /11591	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 252	<b>Date of Summary:</b> 05-NOV-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05431	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14264
<b>Well Name:</b> F003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13286
<b>API Well Number:</b> 177064055600	<b>Drilling Operator:</b> TENNECO OIL COMPANY	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 140
<b>Public Info Code:</b> Y 02-NOV-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11350 /10549	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12050 /11196	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-1994

End Date: 31-DEC-1999

Area Block: VR 257	Date of Summary: 11-JUL-1988	First Sample Examined: 0
Lease Number: G08671	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4898
API Well Number: 177064061200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 154
Public Info Code: Y 23-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2726 / 2724	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3716 / 3714	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 257	Date of Summary: 22-FEB-1990	First Sample Examined: 0
Lease Number: G08671	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5311
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4100
API Well Number: 177064062900	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 26-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2832 / 2711	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4625 / 3689	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 266	Date of Summary: 18-SEP-1989	First Sample Examined: 4030
Lease Number: G08672	Source of Paleo: OPERATOR	Borehole MD: 11323
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10231
API Well Number: 177064062400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4030 - 9790	Water Depth: 165
Public Info Code: Y 26-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4030	DEF AT first sample examined	DEF IN 2
5290 / 5289	DEF AT - - - - -	DEF AT 3
6160 / 6126	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9730 / 8989	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9760 / 9013	DEF AT - - - - -	DEF AT 4
9790 / 9037	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 266	Date of Summary: 18-SEP-1989	First Sample Examined: 9600
Lease Number: G08672	Source of Paleo: OPERATOR	Borehole MD: 11323
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10231
API Well Number: 177064062400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 9600 - 11320	Water Depth: 165
Public Info Code: Y 26-MAY-1999	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 8885	DEF AT first sample examined	DEF AT 4
10000 / 9204	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11320 /10231	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 266	Date of Summary: 09-MAR-1992	First Sample Examined: 0
Lease Number: G08672	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10305
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9379
API Well Number: 177064066300	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 26-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 5916	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8710 / 7870	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 266	Date of Summary: 25-JAN-1993	First Sample Examined: 0
Lease Number: G08672	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10820
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9425
API Well Number: 177064067300	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 26-MAY-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4753	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6300 / 5717	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8900 / 7829	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 272	Date of Summary: 17-JAN-1996	First Sample Examined: 0
Lease Number: G13887	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177064077500	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 30-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	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-1994

End Date: 31-DEC-1999

Area Block: VR 274	Date of Summary: 25-JAN-1990	First Sample Examined: 0
Lease Number: G04213	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10941
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8439
API Well Number: 177064060500	Drilling Operator: KOCH EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 27-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8354 / 6851	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9090 / 7284	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 274	Date of Summary: 12-JAN-1990	First Sample Examined: 0
Lease Number: G15200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11007
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11007
API Well Number: 177064060200	Drilling Operator: KOCH EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 06-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5970 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10435 /	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-1994

End Date: 31-DEC-1999

Area Block: VR 274	Date of Summary: 06-FEB-1997	First Sample Examined: 8000
Lease Number: G15200	Source of Paleo: OPERATOR	Borehole MD: 11007
Well Name: B001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11007
API Well Number: 177064060200	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 8000 - 11132	Water Depth: 183
Public Info Code: Y 06-JAN-1998	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 AT 1
8001 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
8280 /	POS AT unconformity	DEF AT 1
8790 /	POS AT unconformity	POS AT 1
8880 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9060 /	DEF AT faunal change (no faunal increase)	POS AT 1
11070 /	DEF AT unconformity	DEF AT 3
11100 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11101 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 281	Date of Summary: 14-MAY-1994	First Sample Examined: 8580
Lease Number: G10680	Source of Paleo: OPERATOR	Borehole MD: 14534
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14534
API Well Number: 177064070700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 8580 - 11534	Water Depth: 168
Public Info Code: Y 16-JUL-1994	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>
8580 / 8580	DEF AT first sample examined	POS AT 3
9330 / 9330	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 3
9840 / 9840	DEF AT local marker foram increase	DEF AT 3
10020 /10020	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
10200 /10199	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
10350 /10349	DEF AT local marker foram increase	DEF IN 3
11010 /11009	DEF AT local marker foram increase	DEF AT 3
11700 /11699	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
11790 /11789	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 3
12150 /12149	DEF AT local marker foram increase	DEF AT 4
12420 /12419	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
13320 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
13530 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
13680 /	DEF AT local marker foram increase	DEF AT 4
13890 /	DEF AT local marker foram increase	DEF AT 4
14100 /	DEF AT local marker foram increase	DEF AT 4
14370 /	DEF AT local marker foram increase	DEF AT 4
15134 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 284	<b>Date of Summary:</b> 13-MAR-1989	<b>First Sample Examined:</b> 7020
<b>Lease Number:</b> G09508	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11164
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 11164
<b>API Well Number:</b> 177064062100	<b>Drilling Operator:</b> HALL-HOUSTON OIL COMPANY	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7020 - 11130	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 07-APR-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 /	DEF AT first sample examined	DEF IN 3
7140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
8220 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
9060 /	DEF AT - - - - -	DEF AT 4
11130 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 289	Date of Summary: 11-APR-1986	First Sample Examined: 0
Lease Number: G04213	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8395
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7812
API Well Number: 177064058300	Drilling Operator: KOCH EXPLORATION COMPANY	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 16-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5145 / 4811	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6615 / 6162	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6759 / 6296	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 289	<b>Date of Summary:</b> 16-DEC-1987	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04213	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9772
<b>Well Name:</b> A003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5380
<b>API Well Number:</b> 177064058400	<b>Drilling Operator:</b> KOCH EXPLORATION COMPANY	<b>Rkb Elevation:</b> 129
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 187
<b>Public Info Code:</b> Y 16-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8785 / 4750	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 299	Date of Summary: 14-MAY-1998	First Sample Examined: 0
Lease Number: G13890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8021
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8021
API Well Number: 177064080900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 27-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7060 / 7060	DEF IN Lower Pleistocene	DEF AT
7300 / 7300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7780 / 7780	DEF AT local marker planktic foram increase	DEF AT
8130 /	DEF AT local marker floral increase	DEF AT
9840 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9990 /	DEF AT gypsum	DEF AT
10170 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 299	<b>Date of Summary:</b> 07-MAY-1998	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G13890	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9084
<b>Well Name:</b> 002	<b>Paleo Done By:</b> THOMAS REILLY	<b>Borehole TVD:</b> 8790
<b>API Well Number:</b> 177064080901	<b>Drilling Operator:</b> SEAGULL ENERGY E&P INC	<b>Rkb Elevation:</b> 82
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7000 - 10724	<b>Water Depth:</b> 194
<b>Public Info Code:</b> Y 27-OCT-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:** Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6884	DEF AT first sample examined	DEF AT 2
7001 / 6885	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7060 / 6938	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7300 / 7152	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7600 / 7420	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7690 / 7500	DEF AT - - - - -	DEF AT 4
7780 / 7580	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
9570 /	POS IN Upper (Late) Miocene	DEF AT 6
9840 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
9990 /	DEF AT salt	DEF AT 6
9991 /	DEF AT gypsum	DEF AT 6
10170 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 6
10470 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 6
10723 /	DEF AT salt	DEF AT 6
10724 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 299	Date of Summary: 14-MAY-1998	First Sample Examined: 0
Lease Number: G13890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10724
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10420
API Well Number: 177064080902	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 27-OCT-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
7060 / 6938	DEF IN Lower Pleistocene	DEF AT
7300 / 7152	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7780 / 7580	DEF AT local marker planktic foram increase	DEF AT
8130 / 7888	DEF AT local marker floral increase	DEF AT
9840 / 9544	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9990 / 9693	DEF AT gypsum	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 310	<b>Date of Summary:</b> 31-JUL-1979	<b>First Sample Examined:</b> 6250
<b>Lease Number:</b> G03400	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 8746
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 6946
<b>API Well Number:</b> 177064036400	<b>Drilling Operator:</b> TRANSCO EXPLORATION COMPANY	<b>Rkb Elevation:</b> 111
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6250 - 8710	<b>Water Depth:</b> 205
<b>Public Info Code:</b> Y 04-DEC-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 5070	DEF AT first sample examined	DEF AT 2
6460 / 5217	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7720 / 6148	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8710 / 7012	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 16-MAR-1981	First Sample Examined: 0
Lease Number: G03400	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9916
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9916
API Well Number: 177064023800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5240	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5770 / 5770	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8420 / 8419	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 16-FEB-1979	First Sample Examined: 5000
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8435
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7822
API Well Number: 177064034400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8390	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4486	DEF AT first sample examined	DEF AT 2
5930 / 5340	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6200 / 5602	DEF AT sample gap top	POS AT 3
6559 / 5955	DEF AT sample gap bottom	DEF AT 3
6560 / 5956	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8390 / 7778	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 23-JAN-1979	First Sample Examined: 3930
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8550
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7518
API Well Number: 177064034900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 3930 - 8520	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3440	DEF AT first sample examined	DEF AT 2
5430 / 4584	DEF AT faunal change (no faunal increase)	DEF AT 3
6420 / 5428	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7020 / 5998	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8520 / 7488	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 07-MAR-1979	First Sample Examined: 5000
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 7986
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7502
API Well Number: 177064035100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7986	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4521	DEF AT first sample examined	DEF AT 2
5840 / 5359	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6259 / 5778	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6260 / 5779	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7986 / 7503	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 31-JUL-1979	First Sample Examined: 3100
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7489
API Well Number: 177064037400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 3100 - 7990	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 2811	DEF AT first sample examined	DEF AT 2
6040 / 5530	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6429 / 5919	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6430 / 5920	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7990 / 7479	DEF AT last sample examined	DEF AT 3



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End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 23-JAN-1979	First Sample Examined: 5000
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 7630
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7499
API Well Number: 177064034200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7580	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4884	DEF AT first sample examined	DEF AT 1
5330 / 5206	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5869 / 5740	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
5870 / 5741	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7580 / 7449	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 24-MAY-1979	First Sample Examined: 2970
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7797
API Well Number: 177064036300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 2970 - 8000	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2970 / 2827	DEF AT first sample examined	DEF AT 2
5430 / 5220	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6149 / 5939	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6150 / 5940	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8000 / 7789	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 18-JUN-1979	First Sample Examined: 3370
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8444
Well Name: A013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6502
API Well Number: 177064035601	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 3370 - 8180	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 2963	DEF AT first sample examined	DEF AT 2
5510 / 4454	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8180 / 6310	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 03-AUG-1979	First Sample Examined: 2650
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 7180
Well Name: A014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6641
API Well Number: 177064037000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 2650 - 7180	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2650 / 2514	DEF AT first sample examined	DEF AT 2
5220 / 4698	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6210 / 5673	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7180 / 6641	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 16-MAY-1979	First Sample Examined: 3180
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8316
Well Name: A015	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6500
API Well Number: 177064035600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 3180 - 8310	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 2822	DEF AT first sample examined	DEF AT 2
5490 / 4481	DEF AT - - - - -	DEF AT 3
7020 / 5569	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8040 / 6300	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
8310 / 6498	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 14-AUG-1979	First Sample Examined: 2520
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 6896
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6826
API Well Number: 177064038100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 2520 - 6870	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 / 2512	DEF AT first sample examined	DEF AT 2
4260 / 4222	DEF AT - - - - -	DEF AT 3
5220 / 5167	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5610 / 5551	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6029 / 5965	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6030 / 5966	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6870 / 6800	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 04-OCT-1979	First Sample Examined: 2960
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 7320
Well Name: A018	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6591
API Well Number: 177064037800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 2960 - 7320	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2833	DEF AT first sample examined	DEF AT 2
5060 / 4584	DEF AT - - - - -	DEF AT 3
5390 / 4858	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6560 / 5863	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7320 / 6591	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 28-MAR-1980	First Sample Examined: 2540
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 6852
Well Name: A019	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6500
API Well Number: 177064037801	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 2540 - 6852	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2540 / 2469	DEF AT first sample examined	DEF AT 2
5010 / 4762	DEF AT - - - - -	DEF AT 3
5460 / 5188	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6089 / 5784	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6090 / 5785	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6852 / 6500	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 24-MAY-1979	First Sample Examined: 3300
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 9447
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7937
API Well Number: 177064036000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3300 - 9390	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3026	DEF AT first sample examined	DEF AT 2
6030 / 5136	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7590 / 6396	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9390 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 03-MAY-1979	First Sample Examined: 3090
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8776
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8168
API Well Number: 177064035800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3090 - 8776	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 3090	DEF AT first sample examined	DEF AT 2
6180 / 5876	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7110 / 6661	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8776 / 8168	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 26-FEB-1980	First Sample Examined: 4970
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8930
Well Name: B007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8500
API Well Number: 177064037700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4970 - 8900	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4771	DEF AT first sample examined	DEF AT 2
5840 / 5576	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6110 / 5825	DEF AT sample gap top	POS AT 3
6740 / 6421	DEF AT sample gap bottom	DEF AT 3
7010 / 6677	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7130 / 6791	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
8900 / 8480	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 04-JUN-1979	First Sample Examined: 3000
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8395
Well Name: B008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8301
API Well Number: 177064036500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8394	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2999	DEF AT first sample examined	DEF AT 2
6120 / 6056	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6690 / 6613	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8394 / 8299	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 03-AUG-1979	First Sample Examined: 3160
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8822
Well Name: B009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8373
API Well Number: 177064037500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3160 - 8820	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 003

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3160 / 3029	DEF AT first sample examined	DEF IN 2
6610 / 6257	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7000 / 6628	DEF AT poor sample interval top	DEF AT 3
8000 / 7595	DEF AT poor sample interval bottom	DEF AT 3
8820 / 8375	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 28-APR-1980	First Sample Examined: 5000
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8464
Well Name: B010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8266
API Well Number: 177064037900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8480	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4861	DEF AT first sample examined	DEF AT 2
6080 / 5897	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6769 / 6569	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6770 / 6570	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8390 / 8186	DEF AT -----	DEF AT 4
8480 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 28-APR-1980	First Sample Examined: 5000
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8283
Well Name: B011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7994
API Well Number: 177064038300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8300	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4812	DEF AT first sample examined	DEF AT 2
6260 / 5997	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7069 / 6797	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7070 / 6798	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8300 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 05-SEP-1979	First Sample Examined: 5490
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8482
Well Name: B012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8204
API Well Number: 177064037701	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5490 - 8490	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 / 5252	DEF AT first sample examined	DEF AT 2
6360 / 6093	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6930 / 6658	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7140 / 6867	DEF AT - - - - -	DEF AT 2
8490 /	DEF AT last sample examined	DEF AT 2



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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 310	Date of Summary: 28-APR-1980	First Sample Examined: 5300
Lease Number: G03400	Source of Paleo: OPERATOR	Borehole MD: 8373
Well Name: B013	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8091
API Well Number: 177064037901	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5300 - 8360	Water Depth: 205
Public Info Code: Y 04-DEC-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5140	DEF AT first sample examined	DEF AT 2
5690 / 5491	DEF AT sample gap top	POS AT 2
6070 / 5832	DEF AT sample gap bottom	DEF AT 2
6130 / 5887	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6909 / 6634	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6910 / 6635	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8360 / 8078	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 315	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G04215	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9368
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177064053100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 24-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6019 / 5574	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7220 / 6626	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8878 / 8086	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 30-MAY-1978	First Sample Examined: 2775
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 8869
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8865
API Well Number: 177064004100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2775 - 7960	Water Depth: 216
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2775 /	DEF AT first sample examined	DEF AT
2776 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6245 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7830 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7960 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 23-OCT-1974	First Sample Examined: 3110
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 8461
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8460
API Well Number: 177064004500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3110 - 8000	Water Depth: 212
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3110 /	DEF AT first sample examined	DEF AT
3875 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5910 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7988 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8000 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 01-FEB-1978	First Sample Examined: 3000
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 8623
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8621
API Well Number: 177064005100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8623	Water Depth: 210
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
4440 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6280 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
7605 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8180 /	DEF AT local marker benthic foram increase	DEF AT
8430 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8623 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 30-MAY-1977	First Sample Examined: 3730
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 7167
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7166
API Well Number: 177064004900	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3730 - 7167	Water Depth: 220
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3730 /	DEF AT first sample examined	DEF AT
3731 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5935 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7167 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 30-MAY-1975	First Sample Examined: 1000
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 8626
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8626
API Well Number: 177064015600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8600	Water Depth: 216
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1330 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2590 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6320 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
8000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8180 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8240 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
8360 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8390 /	DEF AT local marker deep water fauna	DEF AT 4
8510 /	DEF AT Cyclammia cancellata (local marker)	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-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 11-MAY-1977	First Sample Examined: 3130
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 7686
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7686
API Well Number: 177064023900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3130 - 7660	Water Depth: 216
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 /	DEF AT first sample examined	DEF IN 3
3131 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4000 /	DEF AT local marker foram increase	DEF IN 3
4060 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
5440 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
5650 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7210 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7390 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
7660 /	DEF AT last sample examined	DEF IN 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 05-SEP-1978	First Sample Examined: 3120
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 8574
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5869
API Well Number: 177064032600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3120 - 8580	Water Depth: 213
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 2729	DEF AT first sample examined	DEF IN 3
3240 / 2798	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6360 / 4618	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
7110 / 5065	DEF AT sample gap top	POS IN 3
7710 / 5400	DEF AT sample gap bottom	DEF IN 3
8580 /	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 325	Date of Summary: 06-OCT-1978	First Sample Examined: 3970
Lease Number: G02089	Source of Paleo: OPERATOR	Borehole MD: 8275
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7601
API Well Number: 177064033400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3970 - 8280	Water Depth: 213
Public Info Code: Y 12-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3970	DEF AT first sample examined	DEF IN 3
5020 / 5016	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
5770 / 5725	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6420 / 6283	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
7350 / 6973	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 3
7500 / 7073	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8280 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 349	Date of Summary: 15-AUG-1994	First Sample Examined: 3560
Lease Number: G11898	Source of Paleo: OPERATOR	Borehole MD: 16146
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16137
API Well Number: 177064071000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3560 - 16146	Water Depth: 237
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
3560 / 3560	DEF AT first sample examined	DEF AT 3
3561 / 3561	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4760 / 4760	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6380 / 6380	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6710 / 6710	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
7040 / 7039	DEF AT - - - - -	DEF AT 4
8450 / 8449	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8690 / 8689	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9620 / 9618	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9650 / 9648	DEF AT salt	POS AT 4
11270 /11268	POS AT Upper Oligocene (Chattian) Globigerina sellii	POS AT 4
12110 /12106	DEF AT base of salt	DEF AT 4
12710 /12705	DEF AT - - - - -	DEF IN 5
14090 /14084	DEF AT - - - - -	DEF AT 6
14110 /14104	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
14430 /14423	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
15320 /15313	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
16146 /16137	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 351	Date of Summary: 15-JUN-1994	First Sample Examined: 0
Lease Number: G10685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14614
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14607
API Well Number: 177064071300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 248
Public Info Code: Y 16-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9120 / 9119	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9480 / 9479	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10950 /10949	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12810 /12807	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 359	Date of Summary: 01-MAY-1984	First Sample Examined: 4580
Lease Number: G05446	Source of Paleo: OPERATOR	Borehole MD: 13421
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13421
API Well Number: 177064054100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 4580 - 9500	Water Depth: 275
Public Info Code: Y 03-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4580 /	DEF AT first sample examined	DEF AT 3
4581 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6140 /	DEF AT - - - - -	DEF AT 4
7310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7940 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9140 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 359	<b>Date of Summary:</b> 01-MAY-1984	<b>First Sample Examined:</b> 7150
<b>Lease Number:</b> G05446	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13421
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 13421
<b>API Well Number:</b> 177064054100	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 7150 - 13421	<b>Water Depth:</b> 275
<b>Public Info Code:</b> Y 03-MAY-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 /	DEF AT first sample examined	DEF AT 4
7360 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8020 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9130 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10270 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13280 /	DEF AT -----	DEF AT 6
13421 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 359	Date of Summary: 03-JAN-1991	First Sample Examined: 4500
Lease Number: G05446	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12729
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12729
API Well Number: 177064060600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4500 - 12735	Water Depth: 270
Public Info Code: Y 20-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10880 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> VR 359	<b>Date of Summary:</b> 13-JUL-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05446	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12565
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12351
<b>API Well Number:</b> 177064075300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 116
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 05-JUL-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11200 /10992	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11900 /11687	POS IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
12404 /12190	POS IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 377  
Lease Number: G13604  
Well Name: 001  
API Well Number: 177064068000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 31-AUG-1997

Date of Summary: 15-MAR-1993  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: BP AMERICA PRODUCTION COMPANY  
Sample Range: 5980 - 14000  
Ecozone Eq MMS:

First Sample Examined: 5980  
Borehole MD: 14000  
Borehole TVD: 14000  
Rkb Elevation: 103  
Water Depth: 312  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5974	DEF AT first sample examined	DEF AT
6130 / 6124	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6370 / 6364	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7180 / 7174	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9700 / 9690	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
9760 / 9750	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11020 /11009	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
12400 /12388	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
14000 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 412  
 Lease Number: G06685  
 Well Name: 001  
 API Well Number: 177064057800  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 06-FEB-1997

Date of Summary: 29-MAR-1988  
 Source of Paleo: OPERATOR  
 Paleo Done By: OPERATOR  
 Drilling Operator: EXXONMOBIL OIL CORPORATION  
 Sample Range: 1600 - 10120  
 Ecozone Eq MMS: Y

First Sample Examined: 1600  
 Borehole MD: 10496  
 Borehole TVD: 10144  
 Rkb Elevation: 82  
 Water Depth: 471  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT first sample examined	DEF AT 3
3580 / 3580	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
5710 / 5710	DEF AT -----	DEF AT 4
6730 / 6720	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6820 / 6807	DEF AT -----	DEF AT 4
9760 / 9480	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9970 / 9670	DEF AT -----	DEF AT 5
10120 / 9806	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 412	Date of Summary: 28-MAY-1987	First Sample Examined: 1720
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 11700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11700
API Well Number: 177064059500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1720 - 10210	Water Depth: 512
Public Info Code: Y 13-JUN-1997	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1600 /	DEF AT first sample examined	DEF AT 3
2710 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
3150 /	DEF AT -----	DEF AT 3
3720 /	DEF AT -----	DEF IN 3
4110 /	DEF AT -----	DEF AT 3
4660 /	DEF AT -----	DEF IN 3
4690 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4720 /	DEF AT -----	DEF AT 3
6340 /	DEF AT -----	DEF IN 3
6610 /	DEF AT -----	DEF AT 4
8200 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8500 /	DEF AT -----	DEF AT 5
8710 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
8770 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9400 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9580 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10210 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 412	Date of Summary: 29-MAR-1988	First Sample Examined: 4570
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 13725
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12421
API Well Number: 177064059501	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4570 - 6790	Water Depth: 512
Public Info Code: Y 31-JUL-1997	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4570 / 4570	DEF AT first sample examined	DEF AT
4571 / 4571	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6789 / 6531	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6790 / 6532	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 412	Date of Summary: 29-MAR-1988	First Sample Examined: 5800
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 13725
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12421
API Well Number: 177064059501	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 5800 - 13720	Water Depth: 512
Public Info Code: Y 31-JUL-1997	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 3 report

MD / TVD	Paleo Top Description	Ecozone
5800 / 5729	DEF AT first sample examined	DEF AT 3
8020 / 7562	DEF AT -----	DEF IN 3
8200 / 7716	DEF AT -----	DEF AT 4
10840 /10017	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11080 /10226	DEF AT -----	DEF AT 4
12370 /11349	DEF AT -----	DEF AT 5
12970 /11872	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
13639 /12454	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13720 /12524	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 412	Date of Summary: 29-JUN-1989	First Sample Examined: 3000
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 5356
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5356
API Well Number: 177064062600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 3000 - 5370	Water Depth: 468
Public Info Code: Y 04-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF IN 3
3960 / 3960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5190 / 5189	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5370 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: VR 412	Date of Summary: 27-JAN-1992	First Sample Examined: 0
Lease Number: G06685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5356
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5356
API Well Number: 177064062600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 468
Public Info Code: Y 04-JUL-1999	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>
3450 / 3450	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3960 / 3960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5189 / 5188	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5190 / 5189	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-1994

End Date: 31-DEC-1999

Area Block: VR 412	Date of Summary: 10-NOV-1999	First Sample Examined: 0
Lease Number: G08678	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10650
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8362
API Well Number: 177064063100	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 468
Public Info Code: Y 11-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3625	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5642 / 4639	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994  
End Date: 31-DEC-1999

<b>Area Block:</b> WC 18	<b>Date of Summary:</b> 16-JAN-1998	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G14300	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15077
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15062
<b>API Well Number:</b> 177004097400	<b>Drilling Operator:</b> IP PETROLEUM COMPANY INC	<b>Rkb Elevation:</b> 94
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 26
<b>Public Info Code:</b> Y 30-JUN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 6250	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8260 / 8260	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9135 / 9135	DEF AT Lower Miocene (Aquitania) Siphonina davis	DEF AT
9730 / 9729	POS AT Lower Miocene (Aquitania) Planulina palmerae	DEF AT
10425 / 10424	POS IN Lower Miocene (Aquitania) Planulina palmerae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 21	Date of Summary: 13-DEC-1995	First Sample Examined: 0
Lease Number: G01352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10711
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10711
API Well Number: 177002002800	Drilling Operator: MIDCON OFFSHORE INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 16-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9487 /	DEF IN deepwater facies Planulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 21	Date of Summary: 04-MAR-1978	First Sample Examined: 0
Lease Number: G01352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11972
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11917
API Well Number: 177004021500	Drilling Operator: GENERAL AMERICAN OIL COMPANY	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 16-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9420 / 9377	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
11891 / 11838	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 24	Date of Summary: 31-OCT-1991	First Sample Examined: 0
Lease Number: G12751	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12117
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12114
API Well Number: 177004084500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9779 / 9778	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10032 /10030	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
10731 /10729	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 33	Date of Summary: 30-JAN-1990	First Sample Examined: 8000
Lease Number: G10540	Source of Paleo: OPERATOR	Borehole MD: 13907
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12520
API Well Number: 177004079400	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 8000 - 13110	Water Depth: 27
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report, 11780=Liebusella sp

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7654	DEF AT first sample examined	DEF IN 2
8450 / 8019	DEF AT Middle Miocene (Langhian) Amphistegina "B"	POS AT 3
11000 /10100	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11780 /10744	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12750 /11558	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
13110 /11858	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 33	<b>Date of Summary:</b> 30-JAN-1990	<b>First Sample Examined:</b> 12180
<b>Lease Number:</b> G10540	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13907
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12520
<b>API Well Number:</b> 177004079400	<b>Drilling Operator:</b> COCKRELL OIL CORPORATION	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12180 - 13907	<b>Water Depth:</b> 27
<b>Public Info Code:</b> Y 30-APR-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12180 /11075	DEF AT first sample examined	DEF AT 3
12720 /11533	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
13907 /12513	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 33	Date of Summary: 12-NOV-1991	First Sample Examined: 0
Lease Number: G10540	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11190
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11190
API Well Number: 177004084700	Drilling Operator: LINDER OIL COMPANY, A PARTNERSHIP	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 8429	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10310 /10309	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 40	Date of Summary: 04-MAR-1991	First Sample Examined: 3100
Lease Number: 00224	Source of Paleo: OPERATOR	Borehole MD: 11105
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10996
API Well Number: 177004083500	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3100 - 11100	Water Depth: 40
Public Info Code: Y 01-JAN-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT first sample examined	DEF IN 1
3250 / 3250	DEF AT - - - - -	DEF AT 2
3730 / 3730	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7150 / 7125	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9610 / 9508	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
11100 / 10996	DEF AT last sample examined	DEF AT 2



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 40	<b>Date of Summary:</b> 04-MAR-1991	<b>First Sample Examined:</b> 3100
<b>Lease Number:</b> 00224	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11105
<b>Well Name:</b> 006	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10996
<b>API Well Number:</b> 177004083500	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 3100 - 11080	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 01-JAN-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT first sample examined	DEF AT
7510 / 7462	POS IN Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
11080 /10976	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 40  
 Lease Number: 00224  
 Well Name: 006  
 API Well Number: 177004083501  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 01-JAN-1995

Date of Summary: 04-MAR-1991  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: UNION TEXAS PETROLEUM CORP  
 Sample Range: 5700 - 11020  
 Ecozone Eq MMS: Y

First Sample Examined: 5700  
 Borehole MD: 11069  
 Borehole TVD: 11069  
 Rkb Elevation: 95  
 Water Depth: 40  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5700	DEF AT first sample examined	DEF IN 2
9420 / 9418	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 2
11020 /11018	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 40	Date of Summary: 17-JUN-1966	First Sample Examined: 6920
Lease Number: 00224	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14300
API Well Number: 177000011900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 6920 - 10910	Water Depth: 34
Public Info Code: Y 01-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6920 /	DEF AT first sample examined	DEF AT
6921 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9030 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9100 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT
10910 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 40	Date of Summary: 17-JUN-1966	First Sample Examined: 9030
Lease Number: 00224	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14005
API Well Number: 177000011600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 2	Sample Range: 9030 - 14010	Water Depth: 34
Public Info Code: Y 01-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
9030 /	DEF AT first sample examined	DEF AT
9031 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11000 /	DEF AT poor sample interval top	DEF AT
13680 /	DEF AT Lower Miocene (Aquitania) Siphonina davis	DEF AT
14000 /	DEF AT poor sample interval bottom	DEF AT
14010 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 42  
Lease Number: G14301  
Well Name: 001  
API Well Number: 177004101300  
Paleo Report Num: 1 of 1  
Public Info Code: Y 31-MAY-1999

Date of Summary: 24-NOV-1998  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: BARRETT RESOURCES CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14000  
Borehole TVD: 14000  
Rkb Elevation: 94  
Water Depth: 30  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9060 / 9059	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9720 / 9719	DEF AT - - - - -	DEF AT 3
9870 / 9869	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10890 / 10889	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 54	<b>Date of Summary:</b> 01-SEP-1999	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G14304	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16550
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15068
<b>API Well Number:</b> 177004095500	<b>Drilling Operator:</b> BURLINGTON RESOURCES OFFSHORE INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 33
<b>Public Info Code:</b> Y 23-JUN-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15045 /13879	DEF IN deepwater facies Planulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 69	Date of Summary: 22-AUG-1991	First Sample Examined: 0
Lease Number: G11760	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14600
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14600
API Well Number: 177004083100	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8653 / 8652	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11212 /11211	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12200 /12199	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 71	<b>Date of Summary:</b> 14-FEB-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00244	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 14830
<b>Well Name:</b> 026	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14615
<b>API Well Number:</b> 177004067600	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 97
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 27-NOV-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12688 /12473	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 71	Date of Summary: 12-MAY-1986	First Sample Examined: 0
Lease Number: 00244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11538
Well Name: 028	Paleo Done By: OPERATOR	Borehole TVD: 11353
API Well Number: 177004071000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 28-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10488 /10339	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 72	Date of Summary: 21-MAY-1970	First Sample Examined: 0
Lease Number: 00245	Source of Paleo: OPERATOR	Borehole MD: 14427
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14427
API Well Number: 177002002400	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 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
8130 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 72	Date of Summary: 21-MAY-1970	First Sample Examined: 0
Lease Number: 00245	Source of Paleo: OPERATOR	Borehole MD: 12386
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11420
API Well Number: 177002003500	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 / 7996	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9540 / 8595	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11450 / 10504	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 72	Date of Summary: 11-JUN-1990	First Sample Examined: 0
Lease Number: 00245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14830
Well Name: H001	Paleo Done By: OPERATOR	Borehole TVD: 14830
API Well Number: 177004045700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 01-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
13700 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT
14770 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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End Date: 31-DEC-1999

<b>Area Block:</b> WC 97	<b>Date of Summary:</b> 13-FEB-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G11763	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13628
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13200
<b>API Well Number:</b> 177004090400	<b>Drilling Operator:</b> GULFSTAR ENERGY INC	<b>Rkb Elevation:</b> 75
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 41
<b>Public Info Code:</b> Y 26-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8640 / 8239	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12050 / 11624	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 100	Date of Summary: 02-MAY-1989	First Sample Examined: 7000
Lease Number: G06569	Source of Paleo: OPERATOR	Borehole MD: 13240
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13234
API Well Number: 177004077000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 7000 - 13240	Water Depth: 45
Public Info Code: Y 18-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	DEF IN 2
7060 / 7060	DEF AT local marker benthic foram increase	DEF AT 3
7270 / 7270	DEF AT local marker foram decrease	DEF AT 3
7300 / 7300	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7600 / 7600	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8020 / 8019	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
9040 / 9039	DEF AT local marker foram increase	DEF AT 3
9370 / 9369	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11380 /11378	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11470 /11468	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13150 /13144	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13180 /13174	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
13240 /13234	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 100	<b>Date of Summary:</b> 31-JUL-1989	<b>First Sample Examined:</b> 7000
<b>Lease Number:</b> G06569	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13344
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 12990
<b>API Well Number:</b> 177004078100	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 81
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7000 - 13344	<b>Water Depth:</b> 44
<b>Public Info Code:</b> Y 18-SEP-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6952	DEF AT first sample examined	DEF IN 2
7120 / 7064	DEF AT - - - - -	DEF AT 3
7570 / 7489	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9400 / 9208	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11590 / 11272	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11650 / 11330	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13270 / 12914	DEF AT - - - - -	DEF AT 4
13344 / 12986	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 101	Date of Summary: 12-JUN-1970	First Sample Examined: 4983
Lease Number: 00246	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16516
Well Name: C001	Paleo Done By: LEE LATTA	Borehole TVD: 16516
API Well Number: 177000014900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 36
Paleo Report Num: 1 of 2	Sample Range: 4983 - 16452	Water Depth: 40
Public Info Code: Y 21-MAR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4983 /	DEF AT first sample examined	POS AT 2
4984 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	POS AT 2
5013 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5279 /	DEF AT local marker foram decrease	DEF AT 2
5450 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
5903 /	POS IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5963 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6200 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
6590 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 2
6919 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
6979 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7244 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
7929 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
8501 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 3
8769 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
9039 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11254 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
11255 /	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11525 /	DEF AT local marker benthic foram increase	DEF AT 3
11795 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13220 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13557 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 101	<b>Date of Summary:</b> 12-JUN-1970	<b>First Sample Examined:</b> 4983
<b>Lease Number:</b> 00246	<b>Source of Paleo:</b> MINERALS MANAGEMENT SERVICE	<b>Borehole MD:</b> 16516
<b>Well Name:</b> C001	<b>Paleo Done By:</b> LEE LATTA	<b>Borehole TVD:</b> 16516
<b>API Well Number:</b> 177000014900	<b>Drilling Operator:</b> SUPERIOR OIL COMPANY	<b>Rkb Elevation:</b> 36
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4983 - 16452	<b>Water Depth:</b> 40
<b>Public Info Code:</b> Y 21-MAR-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13558 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
16452 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 101	Date of Summary: 17-OCT-1985	First Sample Examined: 0
Lease Number: 00246	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: L001	Paleo Done By: OPERATOR	Borehole TVD: 12100
API Well Number: 177004055000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 21-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9600 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 101	<b>Date of Summary:</b> 18-MAR-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> 00246	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13476
<b>Well Name:</b> L002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 13186
<b>API Well Number:</b> 177004066000	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 45
<b>Public Info Code:</b> Y 21-MAR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8796 / 8795	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 108  
 Lease Number: G12759  
 Well Name: 001  
 API Well Number: 177004085300  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 30-APR-1996

Date of Summary: 28-AUG-1992  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: ODECO DRILLING INC  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 14417  
 Borehole TVD: 14416  
 Rkb Elevation: 97  
 Water Depth: 43  
 Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7481 / 7481	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7761 / 7761	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8757 / 8756	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9466 / 9465	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9528 / 9527	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10442 / 10441	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12316 / 12315	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
12949 / 12948	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14159 / 14158	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 109	Date of Summary: 14-FEB-1990	First Sample Examined: 9010
Lease Number: G07601	Source of Paleo: OPERATOR	Borehole MD: 14265
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14262
API Well Number: 177004078500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4530 - 14265	Water Depth: 40
Public Info Code: Y 06-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 /	DEF AT first sample examined	DEF AT 1
9200 /	DEF AT -----	DEF AT 2
9500 /	DEF AT -----	DEF AT 1
9690 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
11130 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
12900 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
13890 /	DEF AT -----	DEF AT 2
13950 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
14050 /	DEF AT -----	DEF AT 1
14265 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 109	Date of Summary: 16-DEC-1992	First Sample Examined: 0
Lease Number: G07601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15570
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15008
API Well Number: 177004072000	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 06-FEB-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11870 /11467	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14115 /13595	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 109	Date of Summary: 15-JUN-1995	First Sample Examined: 0
Lease Number: G07601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13715
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12375
API Well Number: 177004079600	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 06-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12550 /11297	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12950 /11662	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 109	Date of Summary: 25-JUN-1993	First Sample Examined: 0
Lease Number: G07601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13490
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12479
API Well Number: 177004084601	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 06-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12710 /11699	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12790 /11779	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 115	<b>Date of Summary:</b> 19-DEC-1975	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02828	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 15000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15000
<b>API Well Number:</b> 177004015600	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 80
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 38
<b>Public Info Code:</b> Y 11-MAR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10760 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11160 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 115  
Lease Number: G02828  
Well Name: 003  
API Well Number: 177004084000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 11-MAR-1995

Date of Summary: 18-SEP-1991  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ODECO OIL & GAS COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 10461  
Borehole TVD: 10461  
Rkb Elevation: 98  
Water Depth: 36  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4487 / 4487	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5142 / 5142	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6400 / 6400	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7600 / 7599	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8470 / 8469	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8650 / 8649	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10130 / 10129	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 116	<b>Date of Summary:</b> 17-DEC-1980	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02829	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 13000
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12998
<b>API Well Number:</b> 177004037400	<b>Drilling Operator:</b> ODECO OIL & GAS COMPANY	<b>Rkb Elevation:</b> 60
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 36
<b>Public Info Code:</b> Y 27-NOV-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8440 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8530 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11140 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11950 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 116	Date of Summary: 11-JAN-1990	First Sample Examined: 0
Lease Number: G02829	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11715
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11290
API Well Number: 177004078800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 27-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10571 /10202	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11580 /11162	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11715 /11293	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 132	Date of Summary: 07-MAR-1995	First Sample Examined: 0
Lease Number: G04754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10156
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10156
API Well Number: 177004053500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4505 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4950 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5340 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6390 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9360 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9540 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 132	Date of Summary: 12-AUG-1982	First Sample Examined: 4830
Lease Number: G04754	Source of Paleo: OPERATOR	Borehole MD: 11692
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11292
API Well Number: 177004055800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 4830 - 11692	Water Depth: 39
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4530	DEF AT first sample examined	DEF AT 2
4831 / 4531	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5340 / 5003	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6960 / 6565	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8520 / 8122	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8670 / 8272	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9270 / 8871	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10080 / 9681	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
10690 / 10291	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11140 / 10741	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11692 / 11292	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 132	Date of Summary: 20-MAY-1983	First Sample Examined: 0
Lease Number: G04754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10599
API Well Number: 177004056901	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4800 / 4634	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
5130 / 4934	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6030 / 5761	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6870 / 6543	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7020 / 6682	DEF AT - - - - -	DEF AT 3
7620 / 7236	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8550 / 8077	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9180 / 8639	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10520 / 9865	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
10581 / 9921	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 132	Date of Summary: 18-JAN-1983	First Sample Examined: 0
Lease Number: G04754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11398
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10407
API Well Number: 177004057000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 10-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
4830 / 4807	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
5340 / 5253	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6960 / 6604	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8520 / 7895	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8670 / 8019	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9270 / 8530	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10080 / 9232	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10690 / 9762	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11140 / 10168	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 132	<b>Date of Summary:</b> 14-SEP-1983	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04754	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12100
<b>Well Name:</b> 006	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10306
<b>API Well Number:</b> 177004059200	<b>Drilling Operator:</b> KERR-MCGEE CORPORATION	<b>Rkb Elevation:</b> 122
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 37
<b>Public Info Code:</b> Y 10-JAN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6021	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8890 / 7681	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9760 / 8527	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10210 / 8975	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10480 / 9244	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 135	Date of Summary: 05-SEP-1995	First Sample Examined: 8010
Lease Number: G11766	Source of Paleo: OPERATOR	Borehole MD: 15019
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15016
API Well Number: 177004091300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 8010 - 15019	Water Depth: 42
Public Info Code: Y 29-DEC-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 8010	DEF AT first sample examined	DEF AT 2
8100 / 8100	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
8310 / 8310	DEF AT faunal change (no faunal increase)	DEF AT 3
8790 / 8789	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
9360 / 9359	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11040 /11039	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
12030 /12029	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12600 /12599	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
15019 /15016	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 142  
 Lease Number: G13560  
 Well Name: A001  
 API Well Number: 177004086400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 31-JUL-1999

Date of Summary: 12-NOV-1997  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: MIDGARD ENERGY COMPANY  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 10505  
 Borehole TVD: 10505  
 Rkb Elevation: 96  
 Water Depth: 46  
 Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	POS AT Upper (Late) Miocene	DEF AT
5995 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7618 /	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
8050 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9305 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9848 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 143	Date of Summary: 27-DEC-1985	First Sample Examined: 1030
Lease Number: G06572	Source of Paleo: OPERATOR	Borehole MD: 18500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18429
API Well Number: 177004069000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1030 - 18500	Water Depth: 46
Public Info Code: Y 06-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF AT 1
5050 / 5050	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5680 / 5679	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5920 / 5919	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
6670 / 6669	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7899 / 7898	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
7900 / 7899	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8080 / 8079	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
8110 / 8109	DEF AT - - - - -	DEF AT 4
8500 / 8499	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
8800 / 8799	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
9550 / 9548	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
9610 / 9608	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
9935 / 9932	DEF AT - - - - -	DEF AT 3
10298 /10295	DEF AT foram flood	DEF AT 3
10299 /10296	DEF AT Eggerella 3 (local marker)	DEF AT 3
10300 /10297	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
10450 /10447	DEF AT - - - - -	DEF AT 4
10540 /10537	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10630 /10627	DEF AT - - - - -	DEF AT 2
11110 /11106	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
15250 /15244	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 143	<b>Date of Summary:</b> 27-DEC-1985	<b>First Sample Examined:</b> 1030
<b>Lease Number:</b> G06572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18500
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18429
<b>API Well Number:</b> 177004069000	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 1030 - 18500	<b>Water Depth:</b> 46
<b>Public Info Code:</b> Y 06-SEP-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15730 /15724	DEF AT cement	POS AT 3
15790 /15784	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
16780 /16767	DEF AT -----	DEF IN 3
17050 /17035	DEF AT -----	DEF AT 3
17410 /17392	DEF AT -----	DEF IN 3
17770 /17745	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 3
18040 /18004	DEF AT -----	DEF AT 4
18500 /18429	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 143	Date of Summary: 01-APR-1986	First Sample Examined: 5020
Lease Number: G06572	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8997
API Well Number: 177004070800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 5020 - 8740	Water Depth: 44
Public Info Code: Y 27-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
5020 / 5020	DEF AT first sample examined	DEF AT
5021 / 5021	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5560 / 5559	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5740 / 5739	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
7450 / 7449	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7510 / 7509	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7630 / 7629	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
7899 / 7898	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7900 / 7899	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8739 / 8737	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8740 / 8738	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 143	<b>Date of Summary:</b> 01-APR-1986	<b>First Sample Examined:</b> 6300
<b>Lease Number:</b> G06572	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9137
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9000
<b>API Well Number:</b> 177004070801	<b>Drilling Operator:</b> SOHIO ALASKA PETROLEUM COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6300 - 7970	<b>Water Depth:</b> 44
<b>Public Info Code:</b> Y 08-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6300	DEF AT first sample examined	DEF AT
6301 / 6301	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
6950 / 6941	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7760 / 7698	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7819 / 7753	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
7820 / 7754	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7910 / 7838	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7969 / 7894	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7970 / 7895	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 145	Date of Summary: 18-SEP-1984	First Sample Examined: 6200
Lease Number: G01995	Source of Paleo: OPERATOR	Borehole MD: 11505
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11505
API Well Number: 177004017300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 6200 - 11850	Water Depth: 38
Public Info Code: Y 23-MAY-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 /	DEF AT first sample examined	DEF AT
6201 /	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
6380 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6680 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7100 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7400 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8250 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8660 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11850 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11880 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 146	Date of Summary: 03-APR-1992	First Sample Examined: 0
Lease Number: G01996	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12100
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 11019
API Well Number: 177004074900	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 28-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 5010	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5460 / 5460	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6330 / 6330	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7380 / 7370	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7740 / 7706	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8850 / 8617	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10260 / 9668	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 161	Date of Summary: 01-MAY-1996	First Sample Examined: 5030
Lease Number: G12774	Source of Paleo: OPERATOR	Borehole MD: 15225
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 15225
API Well Number: 177014028900	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5030 - 15225	Water Depth: 43
Public Info Code: Y 14-JUN-1996	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT first sample examined	DEF AT 1
5120 / 5120	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
5180 / 5180	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5210 / 5210	DEF AT sample gap top	POS AT 1
5300 / 5300	DEF AT sample gap bottom	DEF AT 1
5390 / 5390	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5840 / 5840	DEF AT Arenaceous fauna (local marker)	DEF AT 1
6080 / 6080	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6170 / 6170	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6650 / 6650	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
6890 / 6890	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7010 / 7010	DEF AT faunal change (no faunal increase)	DEF AT 1
7098 / 7098	POS AT unconformity	DEF AT 1
7099 / 7099	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
7100 / 7100	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7370 / 7370	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 1
7790 / 7790	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
7970 / 7970	DEF AT limestone	DEF AT 1
8120 / 8120	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 1
8179 / 8179	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
8180 / 8180	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 1
8330 / 8329	DEF AT local marker benthic foram increase	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 161	<b>Date of Summary:</b> 01-MAY-1996	<b>First Sample Examined:</b> 5030
<b>Lease Number:</b> G12774	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15225
<b>Well Name:</b> 001	<b>Paleo Done By:</b> APPLIED BIOSTRATIGRAPHIX	<b>Borehole TVD:</b> 15225
<b>API Well Number:</b> 177014028900	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5030 - 15225	<b>Water Depth:</b> 43
<b>Public Info Code:</b> Y 14-JUN-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8479 / 8478	POS AT unconformity	DEF AT 2
8480 / 8479	DEF AT local marker foram decrease	DEF AT 2
8570 / 8569	DEF AT Eggerella sp. (local marker)	DEF AT 2
8750 / 8749	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
8870 / 8869	DEF AT limestone	DEF AT 1
9170 / 9169	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9560 / 9559	DEF AT faunal change (no faunal increase)	DEF AT 2
9800 / 9799	DEF AT faunal change (no faunal increase)	DEF AT 1
10670 /10669	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 1
10730 /10729	DEF AT faunal change (no faunal increase)	DEF AT 2
10760 /10759	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
10940 /10939	DEF AT faunal change (no faunal increase)	DEF AT 1
11120 /11119	DEF AT faunal change (no faunal increase)	DEF AT 2
11480 /11479	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
11540 /11539	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 1
11960 /11959	DEF AT faunal change (no faunal increase)	DEF AT 2
12560 /12559	DEF AT cement	POS AT 2
12590 /12589	DEF AT local marker planktic foram increase	DEF AT 2
13220 /13219	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
13340 /13339	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 2
13460 /13459	DEF IN local marker benthic foram increase	DEF AT 2
13490 /13489	DEF AT Eggerella sp. (local marker)	DEF AT 2
13550 /13549	DEF AT local marker benthic foram increase	DEF AT 3
14630 /14628	DEF AT local marker planktic foram increase	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 161	<b>Date of Summary:</b> 01-MAY-1996	<b>First Sample Examined:</b> 5030
<b>Lease Number:</b> G12774	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 15225
<b>Well Name:</b> 001	<b>Paleo Done By:</b> APPLIED BIOSTRATIGRAPHIX	<b>Borehole TVD:</b> 15225
<b>API Well Number:</b> 177014028900	<b>Drilling Operator:</b> ANADARKO E&P COMPANY LP	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 5030 - 15225	<b>Water Depth:</b> 43
<b>Public Info Code:</b> Y 14-JUN-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14660 /14658	DEF AT Eggerella sp. (local marker)	DEF AT 4
15225 /15222	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 163	Date of Summary: 09-FEB-1995	First Sample Examined: 0
Lease Number: G05299	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11771
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11667
API Well Number: 177014017500	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 20-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 / 7247	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 167	Date of Summary: 01-FEB-1989	First Sample Examined: 15015
Lease Number: G09400	Source of Paleo: OPERATOR	Borehole MD: 16911
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16890
API Well Number: 177004070200	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 15015 - 16911	Water Depth: 48
Public Info Code: Y 13-FEB-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15015 /	DEF AT first sample examined	DEF IN 2
16250 /	DEF AT - - - - -	DEF AT 3
16280 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
16911 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 168  
 Lease Number: G05283  
 Well Name: A001  
 API Well Number: 177004063600  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 11-APR-1994

Date of Summary: 21-JUN-1984  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: BP AMERICA PRODUCTION COMPANY  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 16082  
 Borehole TVD: 14898  
 Rkb Elevation: 75  
 Water Depth: 40  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 9238	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11100 /10785	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11800 /11377	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
15500 /14383	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 175	Date of Summary: 01-DEC-1998	First Sample Examined: 0
Lease Number: G15061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8735
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8594
API Well Number: 177004101000	Drilling Operator: CIECO ENERGY VENTURES LLC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 11-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6726 / 6695	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7572 / 7494	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8150 / 8041	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT



*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 177	Date of Summary: 05-AUG-1997	First Sample Examined: 6350
Lease Number: G01471	Source of Paleo: OPERATOR	Borehole MD: 18625
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 18609
API Well Number: 177004096300	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 6350 - 18620	Water Depth: 53
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
6350 / 6347	DEF AT first sample examined	DEF AT 2
6351 / 6348	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6980 / 6977	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7070 / 7067	DEF AT -----	DEF AT 3
7730 / 7727	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7880 / 7877	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
8660 / 8657	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9170 / 9167	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9500 / 9497	DEF AT -----	POS AT 4
9740 / 9737	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
11120 /11116	DEF AT -----	DEF AT 3
11630 /11626	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
12110 /12106	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
12500 /12495	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
14270 /14264	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
16430 /16421	DEF AT -----	DEF AT 2
17600 /17589	DEF AT -----	DEF AT 3
17990 /17977	DEF AT -----	DEF AT 4
18620 /18604	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 178  
 Lease Number: G05286  
 Well Name: A001  
 API Well Number: 177004071900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 07-NOV-1996

Date of Summary: 11-JUN-1998  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: DIAMOND SHAMROCK OFFSHORE PARTNERS  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 11478  
 Borehole TVD: 11478  
 Rkb Elevation: 87  
 Water Depth: 48  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9315 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 178	<b>Date of Summary:</b> 22-APR-1986	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05286	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11972
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11099
<b>API Well Number:</b> 177004072200	<b>Drilling Operator:</b> MIDGARD ENERGY COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 49
<b>Public Info Code:</b> Y 08-MAY-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 / 8099	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9990 / 9312	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10410 / 9688	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 178	Date of Summary: 29-MAR-1996	First Sample Examined: 0
Lease Number: G15061	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14510
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 13537
API Well Number: 177004092700	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 147
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 11-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9350 / 8760	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12135 / 11242	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 186	Date of Summary: 09-JUL-1993	First Sample Examined: 0
Lease Number: G10553	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177004083700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 31-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
8398 / 8398	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
9039 / 9039	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10466 /10466	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
11837 /11836	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12220 /12217	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
12941 /12937	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 187	Date of Summary: 08-DEC-1989	First Sample Examined: 0
Lease Number: G05290	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12897
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12887
API Well Number: 177004073300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 22-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9960 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11540 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
11850 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12400 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 187	Date of Summary: 20-DEC-1989	First Sample Examined: 0
Lease Number: G05290	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12350
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12343
API Well Number: 177004074700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 22-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5643 / 5642	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7153 / 7152	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
7586 / 7584	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9450 / 9446	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
9512 / 9508	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9977 / 9973	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 190	Date of Summary: 11-JAN-1999	First Sample Examined: 0
Lease Number: G19707	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9350
API Well Number: 177004101800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 23-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5630 / 5630	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6888 / 6888	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7906 / 7906	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
8445 / 8445	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
9111 / 9111	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 191	Date of Summary: 10-JAN-1994	First Sample Examined: 5700
Lease Number: G11769	Source of Paleo: OPERATOR	Borehole MD: 11747
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11747
API Well Number: 177004088500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5700 - 11747	Water Depth: 55
Public Info Code: Y 30-JUN-1995	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5700 / 5700	DEF AT first sample examined	DEF AT 2
6570 / 6569	DEF AT - - - - -	DEF AT 3
6630 / 6629	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7320 / 7319	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7890 / 7889	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8400 / 8398	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9090 / 9086	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9810 / 9800	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10050 /10037	DEF AT - - - - -	DEF AT 4
10290 /10276	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
11280 /11265	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11747 /11732	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 195	Date of Summary: 30-SEP-1994	First Sample Examined: 0
Lease Number: G10554	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17105
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15962
API Well Number: 177004089300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 25-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8214 / 8214	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
10284 /10272	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13719 /13186	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14210 /13606	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
15014 /14326	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 196  
Lease Number: G05292  
Well Name: 001  
API Well Number: 177004066400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 25-JAN-1995

Date of Summary: 21-MAR-1985  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TEXACO INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 17100  
Borehole TVD: 17088  
Rkb Elevation: 90  
Water Depth: 57  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9999	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
10930 /10929	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11770 /11769	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14110 /14106	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
15190 /15185	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
16030 /16022	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 196  
Lease Number: G05292  
Well Name: A002  
API Well Number: 177004069500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 14-JUL-1998

Date of Summary: 14-JUL-1988  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TEXAS, INC.  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14598  
Borehole TVD: 14588  
Rkb Elevation: 82  
Water Depth: 57  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9865 / 9864	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
11980 /11976	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12400 /12395	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 196	Date of Summary: 14-FEB-1989	First Sample Examined: 0
Lease Number: G05292	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12415
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11590
API Well Number: 177004076200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 21-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 8343	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
9990 / 9312	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10260 / 9561	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
10980 /10240	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 09-MAY-1984	<b>First Sample Examined:</b> 5010
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14035
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14035
<b>API Well Number:</b> 177004064800	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 345 - 13830	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 20-MAY-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 /	DEF AT first sample examined	DEF AT 1
5011 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5250 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5400 /	DEF AT sample gap top	POS AT 2
7500 /	DEF AT sample gap bottom	DEF AT 2
7740 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7920 /	DEF AT - - - - -	DEF AT 2
8040 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 2
8790 /	DEF AT local marker planktic foram increase	DEF AT 2
9090 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
9180 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9420 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10110 /	POS AT - - - - -	POS AT 2
10619 /	DEF AT local marker foram increase	DEF AT 3
10620 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10890 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11580 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11730 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12420 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12810 /	DEF AT local marker foram decrease	POS AT 2
13110 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
13326 /	DEF AT - - - - -	DEF AT 3

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Start Date: 01-JAN-1994  
 End Date: 31-DEC-1999

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 09-MAY-1984	<b>First Sample Examined:</b> 5010
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14035
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14035
<b>API Well Number:</b> 177004064800	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 345 - 13830	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 20-MAY-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13440 /	DEF AT local marker foram increase	DEF AT 3
13846 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 205	<b>Date of Summary:</b> 23-MAY-1984	<b>First Sample Examined:</b> 12750
<b>Lease Number:</b> G02832	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14035
<b>Well Name:</b> 005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 14035
<b>API Well Number:</b> 177004064800	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 12750 - 14035	<b>Water Depth:</b> 57
<b>Public Info Code:</b> Y 20-MAY-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12750 /	DEF AT first sample examined	DEF AT 3
12751 /	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
13080 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
13500 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13830 /	DEF AT local marker foram decrease	DEF AT 3
13950 /	DEF AT local marker foram increase	DEF AT 3
14035 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 211	Date of Summary: 13-SEP-1995	First Sample Examined: 0
Lease Number: G11771	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13895
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13895
API Well Number: 177004091800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 27-NOV-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6656	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6900 / 6896	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7620 / 7613	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8670 / 8661	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10290 /10280	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11010 /11000	DEF AT Arenaceous fauna (local marker)	DEF AT
11790 /11780	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12360 /12350	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13260 /13249	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 212	Date of Summary: 27-APR-1990	First Sample Examined: 1000
Lease Number: G04758	Source of Paleo: OPERATOR	Borehole MD: 4150
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 3987
API Well Number: 177004080400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1000 - 4190	Water Depth: 54
Public Info Code: Y 14-JUN-1997	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
3940 / 3798	DEF IN Pleistocene	DEF AT 1
4190 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 213	Date of Summary: 25-FEB-1993	First Sample Examined: 0
Lease Number: G12768	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7190
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7190
API Well Number: 177004086500	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 30-APR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 5440	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7010 / 7009	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 229	Date of Summary: 18-JUN-1993	First Sample Examined: 0
Lease Number: G00902	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8800
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 8800
API Well Number: 177004069900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 23-AUG-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7120 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7660 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7990 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 230  
Lease Number: G10560  
Well Name: A001  
API Well Number: 177004085200  
Paleo Report Num: 1 of 1  
Public Info Code: Y 19-JAN-1996

Date of Summary: 23-OCT-1992  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: SENECA RESOURCES CORPORATION  
Sample Range: 5600 - 10645  
Ecozone Eq MMS:

First Sample Examined: 5600  
Borehole MD: 10435  
Borehole TVD: 9842  
Rkb Elevation: 91  
Water Depth: 63  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5346	DEF AT first sample examined	DEF AT 3
5870 / 5588	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6230 / 5918	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7820 / 7393	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9320 / 8780	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9740 / 9181	DEF AT - - - - -	DEF AT 4
10520 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10645 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 230	Date of Summary: 30-JUL-1992	First Sample Examined: 5010
Lease Number: G10560	Source of Paleo: OPERATOR	Borehole MD: 10665
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9645
API Well Number: 177004085400	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5010 - 10665	Water Depth: 63
Public Info Code: Y 19-JAN-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4676	DEF AT first sample examined	DEF AT 2
5280 / 4902	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5520 / 5101	DEF AT - - - - -	DEF AT 3
5880 / 5399	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7510 / 6829	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9010 / 8174	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9460 / 8574	DEF AT - - - - -	DEF AT 4
10360 / 9376	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10665 / 9645	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 230  
Lease Number: G10560  
Well Name: A003  
API Well Number: 177004085800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 19-JAN-1996

Date of Summary: 24-AUG-1992  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: SENECA RESOURCES CORPORATION  
Sample Range: 5600 - 10645  
Ecozone Eq MMS: Y

First Sample Examined: 5600  
Borehole MD: 10645  
Borehole TVD: 9611  
Rkb Elevation: 91  
Water Depth: 63  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5073	DEF AT first sample examined	DEF AT 3
5870 / 5300	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6230 / 5601	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7820 / 6949	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9320 / 8308	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9740 / 8712	DEF AT - - - - -	DEF AT 4
10520 / 9486	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10645 / 9611	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 239	Date of Summary: 11-AUG-1993	First Sample Examined: 0
Lease Number: G11776	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6600
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6600
API Well Number: 177004087500	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 74
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5324 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 240	Date of Summary: 23-OCT-1990	First Sample Examined: 0
Lease Number: G08626	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11350
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9885
API Well Number: 177004074301	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 02-APR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8220 / 6995	DEF AT Cyclammina sp. (local marker)	DEF AT
9300 / 7973	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11010 / 9572	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 241	<b>Date of Summary:</b> 08-MAR-1990	<b>First Sample Examined:</b> 7700
<b>Lease Number:</b> G10561	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10141
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9897
<b>API Well Number:</b> 177004080801	<b>Drilling Operator:</b> ATLANTIC RICHFIELD COMPANY	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 7700 - 10110	<b>Water Depth:</b> 65
<b>Public Info Code:</b> Y 12-FEB-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7770 / 7620	DEF AT first sample examined	DEF AT
7800 / 7649	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8370 / 8196	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8910 / 8716	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
9060 / 8858	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9510 / 9286	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
9810 / 9575	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10080 / 9841	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
10110 / 9870	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 277	Date of Summary: 29-AUG-1986	First Sample Examined: 6000
Lease Number: G04761	Source of Paleo: OPERATOR	Borehole MD: 12942
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12500
API Well Number: 177004071300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 6000 - 10110	Water Depth: 85
Public Info Code: Y 13-SEP-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5998	DEF AT first sample examined	DEF IN 2
6240 / 6238	POS AT - - - - -	POS AT 3
6420 / 6418	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6990 / 6987	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9840 / 9675	DEF AT - - - - -	DEF AT 4
10110 / 9908	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 277	<b>Date of Summary:</b> 29-AUG-1986	<b>First Sample Examined:</b> 6800
<b>Lease Number:</b> G04761	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9980
<b>Well Name:</b> 002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 9700
<b>API Well Number:</b> 177004071301	<b>Drilling Operator:</b> PLACID OIL COMPANY	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 6800 - 9980	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 23-SEP-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 6800	DEF AT first sample examined	DEF AT 4
6801 / 6801	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6980 / 6979	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8660 / 8523	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9530 / 9300	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9980 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 286	<b>Date of Summary:</b> 28-JUL-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10567	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12509
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12509
<b>API Well Number:</b> 177004089500	<b>Drilling Operator:</b> EL PASO PRODUCTION GOM INC	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 115
<b>Public Info Code:</b> Y 27-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5580 / 5580	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6540 / 6540	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8730 / 8730	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
10140 /10140	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 290	Date of Summary: 15-SEP-1986	First Sample Examined: 0
Lease Number: G04818	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9623
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9600
API Well Number: 177014017800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 16-SEP-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4880 / 4850	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5720 / 5686	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6590 / 6555	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7340 / 7305	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8090 / 8054	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8630 / 8593	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 291	Date of Summary: 25-JAN-1984	First Sample Examined: 10730
Lease Number: G04397	Source of Paleo: OPERATOR	Borehole MD: 15020
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15020
API Well Number: 177014012900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10730 - 15020	Water Depth: 52
Public Info Code: Y 11-JAN-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10730 /	DEF AT first sample examined	DEF AT
11150 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11600 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12050 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
15020 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 291	Date of Summary: 10-MAR-1986	First Sample Examined: 0
Lease Number: G04397	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177014017100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 04-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10590 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11490 /	DEF AT local marker benthic foram increase	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 292	Date of Summary: 14-FEB-1990	First Sample Examined: 10010
Lease Number: G04397	Source of Paleo: OPERATOR	Borehole MD: 11672
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11424
API Well Number: 177014021800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 8000 - 11672	Water Depth: 53
Public Info Code: Y 02-JUL-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 9825	DEF AT first sample examined	POS AT 2
10100 / 9914	DEF AT - - - - -	DEF AT 2
10250 /10061	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
10670 /10476	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
11630 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
11672 /	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 292  
Lease Number: G04397  
Well Name: 005  
API Well Number: 177014021801  
Paleo Report Num: 1 of 1  
Public Info Code: Y 01-AUG-1999

Date of Summary: 14-FEB-1990  
Source of Paleo: OPERATOR  
Paleo Done By: OPERATOR  
Drilling Operator: CHEVRON USA INC  
Sample Range: 9240 - 11650  
Ecozone Eq MMS: Y

First Sample Examined: 9900  
Borehole MD: 11650  
Borehole TVD: 11446  
Rkb Elevation: 99  
Water Depth: 53  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9712	DEF AT first sample examined	DEF AT 2
10310 /10116	DEF AT -----	DEF AT 3
10320 /10126	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10350 /10155	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
10460 /10264	DEF AT -----	DEF AT 2
10620 /10422	DEF AT -----	DEF AT 3
10710 /10511	DEF AT -----	DEF AT 2
10860 /10660	DEF AT -----	DEF AT 1
11220 /11018	DEF AT -----	DEF AT 2
11650 /11447	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 292	Date of Summary: 15-FEB-1989	First Sample Examined: 0
Lease Number: G06581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177014021500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 15-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8449 / 8448	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 293	Date of Summary: 15-MAR-1985	First Sample Examined: 0
Lease Number: G04398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14529
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12298
API Well Number: 177014016100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 28-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8433 / 8432	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8983 / 8982	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9433 / 9432	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10833 /10832	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
14383 /14382	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 333	<b>Date of Summary:</b> 01-SEP-1977	<b>First Sample Examined:</b> 4100
<b>Lease Number:</b> G03277	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 9332
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9332
<b>API Well Number:</b> 177014001300	<b>Drilling Operator:</b> GULF OIL CORPORATION	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4100 - 9320	<b>Water Depth:</b> 70
<b>Public Info Code:</b> Y 31-MAR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT first sample examined	DEF AT 3
4550 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4670 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7190 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7970 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9130 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9320 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 343	Date of Summary: 16-NOV-1994	First Sample Examined: 0
Lease Number: G02838	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8813
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7676
API Well Number: 177014013300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 02-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7880 / 7048	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 368	<b>Date of Summary:</b> 18-JUL-1989	<b>First Sample Examined:</b> 9300
<b>Lease Number:</b> G05315	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12035
<b>Well Name:</b> 003	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 10173
<b>API Well Number:</b> 177014022000	<b>Drilling Operator:</b> CENTURY OFFSHORE MANAGEMENT	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 9300 - 11970	<b>Water Depth:</b> 74
<b>Public Info Code:</b> Y 02-AUG-1999	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 8244	DEF AT first sample examined	DEF IN 4
9600 / 8467	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 4
11100 / 9584	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 4
11970 /10133	DEF AT last sample examined	DEF IN 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 368	Date of Summary: 24-OCT-1996	First Sample Examined: 0
Lease Number: G05315	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9484
API Well Number: 177014019000	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 07-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9110 / 8170	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10400 / 8996	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 379	Date of Summary: 29-AUG-1983	First Sample Examined: 0
Lease Number: G05016	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10840
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7800
API Well Number: 177014012700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 30-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4763	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 379	Date of Summary: 22-FEB-1988	First Sample Examined: 0
Lease Number: G05016	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7700
API Well Number: 177014019800	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 30-MAR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7432 / 7432	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 392	Date of Summary: 08-OCT-1984	First Sample Examined: 0
Lease Number: G05316	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9923
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8927
API Well Number: 177014015400	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 28-JUN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4868	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5480 / 5022	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7010 / 6340	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 405	Date of Summary: 06-MAY-1993	First Sample Examined: 0
Lease Number: G03280	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8857
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8857
API Well Number: 177014026100	Drilling Operator: ENRON CORP	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 01-AUG-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5937	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7760 / 7649	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 406	Date of Summary: 30-AUG-1999	First Sample Examined: 0
Lease Number: G11789	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8664
API Well Number: 177014023800	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 11-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6800 / 5376	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7500 / 5856	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9900 / 7594	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 406	Date of Summary: 19-JUL-1999	First Sample Examined: 0
Lease Number: G11789	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11512
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8703
API Well Number: 177014025600	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 11-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11264 / 8557	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 409	Date of Summary: 02-MAR-1989	First Sample Examined: 0
Lease Number: G03282	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8243
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7250
API Well Number: 177014021400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 31-JAN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6050 / 5472	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 418	<b>Date of Summary:</b> 16-FEB-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G14332	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8000
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7671
<b>API Well Number:</b> 177014028300	<b>Drilling Operator:</b> EP OPERATING LIMITED PARTNER	<b>Rkb Elevation:</b> 76
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 85
<b>Public Info Code:</b> Y 30-APR-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5757 / 5636	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 421	<b>Date of Summary:</b> 04-DEC-1985	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05322	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9935
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9935
<b>API Well Number:</b> 177014017200	<b>Drilling Operator:</b> MOBIL OIL EXPLORATION & PRODUC	<b>Rkb Elevation:</b> 98
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 100
<b>Public Info Code:</b> Y 01-DEC-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
7330 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8530 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8740 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
9370 /	POS AT Middle Miocene	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 425	Date of Summary: 04-OCT-1983	First Sample Examined: 4360
Lease Number: G11796	Source of Paleo: OPERATOR	Borehole MD: 7360
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6447
API Well Number: 177014013101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4360 - 8910	Water Depth: 102
Public Info Code: Y 27-DEC-1997	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4360 / 3619	DEF AT first sample examined	DEF IN 2
6670 / 5757	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7810 /	DEF AT -----	DEF AT 3
8440 /	DEF AT -----	DEF AT 4
8910 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 426	Date of Summary: 17-NOV-1986	First Sample Examined: 0
Lease Number: G02845	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10300
API Well Number: 177014017900	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 18-NOV-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2140 / 2140	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4855 / 4855	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8420 / 8418	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 433	Date of Summary: 03-FEB-1992	First Sample Examined: 0
Lease Number: G05324	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7670
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7670
API Well Number: 177014020500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 113
Public Info Code: Y 17-DEC-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6708 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7599 /	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-1994

End Date: 31-DEC-1999

Area Block: WC 435	Date of Summary: 02-OCT-1990	First Sample Examined: 3000
Lease Number: G11798	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 177014024000	Drilling Operator: FIRST ENERGY CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7000	Water Depth: 103
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF IN 1
3810 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 2
4410 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 2
4560 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 2
6360 /	DEF AT pyrite	POS AT 2
6420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
6540 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6570 /	DEF AT local marker foram decrease	DEF AT 3
7000 /	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-1994

End Date: 31-DEC-1999

Area Block: WC 435	Date of Summary: 06-NOV-1998	First Sample Examined: 0
Lease Number: G17797	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12596
API Well Number: 177014030500	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 21-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /11995	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 436	Date of Summary: 05-JUL-1977	First Sample Examined: 4944
Lease Number: G02540	Source of Paleo: OPERATOR	Borehole MD: 10641
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9525
API Well Number: 177014002500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 4944 - 10641	Water Depth: 116
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4944 / 4492	DEF AT first sample examined	DEF IN 2
6440 / 5734	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7940 / 7056	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10520 / 9402	DEF AT - - - - -	DEF AT 5
10597 / 9472	DEF AT pyrite	DEF AT 4
10641 / 9511	DEF AT last sample examined	DEF AT 5

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 436  
Lease Number: G02540  
Well Name: A001  
API Well Number: 177014002500  
Paleo Report Num: 2 of 2  
Public Info Code: Y 30-APR-1995

Date of Summary: 03-NOV-1977  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: JOHN CARSTENS  
Drilling Operator: FOUR STAR OIL & GAS COMPANY  
Sample Range: 4944 - 10610  
Ecozone Eq MMS: Y

First Sample Examined: 4944  
Borehole MD: 10641  
Borehole TVD: 9525  
Rkb Elevation: 99  
Water Depth: 116  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4944 / 4492	DEF AT first sample examined	DEF AT 2
4945 / 4493	DEF IN local marker foram decrease	DEF AT 2
6440 / 5734	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6710 / 5970	DEF AT shell fragments	DEF AT 3
6980 / 6207	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
7970 / 7083	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9140 / 8140	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9320 / 8306	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9410 / 8389	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
9440 / 8417	DEF AT Eggerella sp. (local marker)	DEF AT 4
10010 / 8938	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
10100 / 9020	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
10610 / 9483	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 436	<b>Date of Summary:</b> 01-JUN-1990	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02540	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 9862
<b>Well Name:</b> A014	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6950
<b>API Well Number:</b> 177014023100	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 99
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 116
<b>Public Info Code:</b> Y 30-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7690 / 5630	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 437	Date of Summary: 02-NOV-1974	First Sample Examined: 5390
Lease Number: G02540	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9655
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9655
API Well Number: 177014000200	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5390 - 9655	Water Depth: 105
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS: N	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
5390 /	DEF AT first sample examined	DEF AT
5810 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6620 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7040 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
7190 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
7220 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
7400 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
8130 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
8190 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8340 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
8870 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT
8900 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
9440 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
9650 /	DEF AT Arenaceous fauna (local marker)	DEF AT
9655 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 442	Date of Summary: 03-FEB-1992	First Sample Examined: 0
Lease Number: G12792	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5898
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4883
API Well Number: 177014025400	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 31-JUL-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 4610	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 457	Date of Summary: 02-MAR-1995	First Sample Examined: 0
Lease Number: G05331	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7800
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 7800
API Well Number: 177024094300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 28-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6694 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 457	Date of Summary: 15-DEC-1988	First Sample Examined: 0
Lease Number: G05331	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8752
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7995
API Well Number: 177024094801	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 28-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6954 / 6894	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7825 / 7494	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-1994

End Date: 31-DEC-1999

Area Block: WC 458	Date of Summary: 24-MAY-1984	First Sample Examined: 0
Lease Number: G05332	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9905
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8865
API Well Number: 177024079900	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 28-JUN-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 5911	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7210 / 6570	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9370 / 8222	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 458	<b>Date of Summary:</b> 29-AUG-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05332	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11910
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9389
<b>API Well Number:</b> 177024080100	<b>Drilling Operator:</b> TEXACO INC	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 134
<b>Public Info Code:</b> Y 28-JUN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 6697	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9780 / 8420	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
10890 / 9165	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 458  
 Lease Number: G05332  
 Well Name: 003  
 API Well Number: 177024091400  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 28-JUN-1996

Date of Summary: 14-OCT-1987  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: FMP OPERATING COMPANY A LIMIT  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 10323  
 Borehole TVD: 9236  
 Rkb Elevation: 100  
 Water Depth: 130  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6340 / 6301	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9370 / 8559	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 458	<b>Date of Summary:</b> 24-JAN-1989	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05332	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 7475
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7475
<b>API Well Number:</b> 177024092000	<b>Drilling Operator:</b> FMP OPERATING COMPANY A LIMIT	<b>Rkb Elevation:</b> 79
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 121
<b>Public Info Code:</b> Y 28-JUN-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6260 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7000 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 459	Date of Summary: 31-MAY-1989	First Sample Examined: 2700
Lease Number: G03383	Source of Paleo: OPERATOR	Borehole MD: 9075
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9075
API Well Number: 177024096400	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2700 - 9040	Water Depth: 125
Public Info Code: Y 25-SEP-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 /	DEF AT first sample examined	DEF AT 1
6710 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7010 /	POS AT local marker foram increase	DEF AT 1
7850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
8630 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
8720 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9040 /	DEF AT last sample examined	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 470  
Lease Number: G12794  
Well Name: 001  
API Well Number: 177024105300  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-APR-1996

Date of Summary: 18-AUG-1993  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: ENI PETROLEUM CO INC  
Sample Range: 4000 - 10780  
Ecozone Eq MMS: Y

First Sample Examined: 4000  
Borehole MD: 10790  
Borehole TVD: 10790  
Rkb Elevation: 90  
Water Depth: 123  
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
4360 / 4360	DEF AT - - - - -	DEF AT 2
5260 / 5260	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7690 / 7690	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8710 / 8710	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
8890 / 8890	DEF AT - - - - -	DEF AT 5
9010 / 9010	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10330 /10330	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
10750 /10750	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10780 /10780	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 477	<b>Date of Summary:</b> 12-APR-1993	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12798	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 10820
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 9478
<b>API Well Number:</b> 177024104100	<b>Drilling Operator:</b> CENTURY OFFSHORE MANAGEMENT	<b>Rkb Elevation:</b> 77
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 132
<b>Public Info Code:</b> Y 26-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5314 / 4805	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7110 / 6319	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 478	Date of Summary: 27-OCT-1982	First Sample Examined: 1000
Lease Number: G03969	Source of Paleo: OPERATOR	Borehole MD: 8731
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8731
API Well Number: 177024073100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8710	Water Depth: 120
Public Info Code: Y 29-FEB-1996	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1510 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3820 /	DEF AT - - - - -	DEF AT 3
3850 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4540 /	DEF AT local marker benthic foram increase	DEF AT 3
4630 /	DEF AT - - - - -	DEF AT 2
5769 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5770 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8530 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8710 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 478  
Lease Number: G03969  
Well Name: A001  
API Well Number: 177024071800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 29-FEB-1996

Date of Summary: 31-MAR-1992  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: ANTON FRIEDMANN  
Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC  
Sample Range: 1000 - 8680  
Ecozone Eq MMS: Y

First Sample Examined: 1000  
Borehole MD: 9282  
Borehole TVD: 9282  
Rkb Elevation: 92  
Water Depth: 120  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	POS AT 1
1030 /	DEF AT local marker benthic foram increase	DEF IN 1
1300 /	DEF AT local marker foram decrease	DEF AT 1
1510 /	DEF AT local marker benthic foram increase	DEF IN 1
1570 /	DEF AT local marker foram decrease	DEF AT 1
3850 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3940 /	DEF AT local marker foram decrease	DEF IN 1
5170 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5830 /	DEF AT local marker benthic foram increase	DEF AT 2
5980 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6340 /	DEF AT local marker foram increase	DEF AT 3
6790 /	DEF AT local marker foram decrease	DEF AT 3
8530 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8560 /	DEF AT local marker foram decrease	DEF IN 3
8590 /	POS AT local marker benthic foram increase	DEF IN 3
8680 /	DEF AT last sample examined	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 478	<b>Date of Summary:</b> 11-SEP-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03969	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 6264
<b>Well Name:</b> A004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 5529
<b>API Well Number:</b> 177024077700	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 123
<b>Public Info Code:</b> Y 29-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1450 / 1450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 478	<b>Date of Summary:</b> 11-SEP-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G03969	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5000
<b>Well Name:</b> A005	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4309
<b>API Well Number:</b> 177024079700	<b>Drilling Operator:</b> DOMINION EXPLORATION & PRODUCTION INC	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 125
<b>Public Info Code:</b> Y 29-FEB-1996	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1450 / 1447	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 480	Date of Summary: 13-MAR-1998	First Sample Examined: 0
Lease Number: G13845	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12118
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8160
API Well Number: 177024118900	Drilling Operator: PETSEC ENERGY INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6355 / 4723	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7398 / 5338	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 482  
Lease Number: G13569  
Well Name: 001  
API Well Number: 177024104400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUN-1997

Date of Summary: 01-JUN-1993  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: APACHE CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 10290  
Borehole TVD: 10290  
Rkb Elevation: 91  
Water Depth: 144  
Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 / 4520	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5840 / 5840	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8360 / 8360	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 488  
Lease Number: G13847  
Well Name: 001  
API Well Number: 177024106700  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-JUN-1998

Date of Summary: 08-AUG-1994  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: APACHE CORPORATION  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 10140  
Borehole TVD: 6790  
Rkb Elevation: 94  
Water Depth: 138  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 4224	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7860 / 5379	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9380 / 6317	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9410 / 6336	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 489	Date of Summary: 04-SEP-1990	First Sample Examined: 0
Lease Number: G10591	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177024099100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 30-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7240 /	POS AT unconformity	DEF AT
7440 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 493	Date of Summary: 27-APR-1982	First Sample Examined: 0
Lease Number: G03518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7388
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 6904
API Well Number: 177024046701	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 21-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1573 / 1573	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2935 / 2935	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4107 / 4102	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6282 / 5982	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 493	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: G03518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7378
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 6270
API Well Number: 177024070600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 21-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5085 / 4398	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 493	Date of Summary: 12-JUL-1984	First Sample Examined: 0
Lease Number: G03518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6449
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 6183
API Well Number: 177024081200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 21-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4587 / 4479	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 495	Date of Summary: 19-JUL-1995	First Sample Examined: 3000
Lease Number: G11804	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 8300
API Well Number: 177024108900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8300	Water Depth: 142
Public Info Code: Y 10-OCT-1995	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 IN 2
4260 / 4260	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5160 / 5160	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6060 / 6060	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
8100 / 8099	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
8250 / 8249	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8300 / 8299	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 497	Date of Summary: 21-MAY-1997	First Sample Examined: 4770
Lease Number: G16198	Source of Paleo: OPERATOR	Borehole MD: 10420
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7562
API Well Number: 177024115300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 4770 - 8010	Water Depth: 162
Public Info Code: Y 01-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4767	DEF AT first sample examined	DEF AT 2
5190 / 5168	DEF AT - - - - -	POS AT 3
5250 / 5222	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
7230 / 6237	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
8010 / 6529	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 497	Date of Summary: 21-MAY-1997	First Sample Examined: 5010
Lease Number: G16198	Source of Paleo: OPERATOR	Borehole MD: 10420
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7562
API Well Number: 177024115300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 5010 - 10420	Water Depth: 162
Public Info Code: Y 01-JUL-1999	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4999	DEF AT first sample examined	DEF AT 2
5160 / 5140	DEF AT - - - - -	POS AT 3
5340 / 5301	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
6300 / 5909	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
10420 / 7562	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 498	Date of Summary: 11-APR-1980	First Sample Examined: 950
Lease Number: G03521	Source of Paleo: OPERATOR	Borehole MD: 5990
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4419
API Well Number: 177024058700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 950 - 5960	Water Depth: 155
Public Info Code: Y 21-DEC-1994	Ecozone Eq MMS:	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 2
1550 / 1522	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1850 / 1751	DEF AT -----	DEF AT 2
4980 / 3773	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5130 / 3873	DEF AT -----	DEF AT 2
5960 / 4400	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 499	Date of Summary: 01-MAR-1978	First Sample Examined: 400
Lease Number: G03519	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8301
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7167
API Well Number: 177024044600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 400 - 8290	Water Depth: 155
Public Info Code: Y 21-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
400 / 400	DEF AT first sample examined	POS AT 2
790 / 790	DEF AT local marker benthic foram increase	DEF AT 2
1000 / 1000	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 2
1090 / 1090	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1360 / 1359	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3970 / 3579	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4060 / 3654	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
4990 / 4416	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5290 / 4662	DEF AT pyrite	DEF AT 2
5830 / 5105	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6130 / 5352	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7360 / 6380	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
7420 / 6430	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8290 / 7158	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 503	Date of Summary: 08-JUL-1996	First Sample Examined: 0
Lease Number: G14339	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7745
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7608
API Well Number: 177024112000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 22-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 / 4405	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5490 / 5450	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6750 / 6660	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 504	Date of Summary: 06-NOV-1998	First Sample Examined: 0
Lease Number: G13848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17941
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 13479
API Well Number: 177024120601	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 19-APR-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4410 / 4388	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9490 / 7875	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12700 /10044	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13300 /10438	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
14900 /11489	DEF AT Upper (Late) Miocene	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 504	Date of Summary: 08-JUN-1998	First Sample Examined: 0
Lease Number: G14339	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10361
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 7236
API Well Number: 177024119800	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMENT	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 22-SEP-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5385 / 4446	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9380 / 6792	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 505	Date of Summary: 29-NOV-1990	First Sample Examined: 0
Lease Number: G11805	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12748
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10333
API Well Number: 177024100100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 132
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 / 3660	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3661 / 3661	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4140 / 4140	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5970 / 5892	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11580 / 9584	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 508	Date of Summary: 16-SEP-1998	First Sample Examined: 0
Lease Number: G17806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13143
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13106
API Well Number: 177024120801	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 158
Public Info Code: Y 28-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5250 / 5250	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 7200	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 509	Date of Summary: 07-NOV-1977	First Sample Examined: 0
Lease Number: G03523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9540
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5884
API Well Number: 177024044800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 153
Public Info Code: Y 07-FEB-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1726	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5479 / 3721	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 510	Date of Summary: 03-NOV-1982	First Sample Examined: 4720
Lease Number: G03766	Source of Paleo: OPERATOR	Borehole MD: 8700
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4078
API Well Number: 177024073500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4720 - 5935	Water Depth: 163
Public Info Code: Y 24-FEB-1996	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted, samples lost below 5935

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4720 / 2604	DEF AT first sample examined	DEF AT 2
5900 / 2991	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 517	Date of Summary: 29-NOV-1990	First Sample Examined: 0
Lease Number: G11809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12538
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10555
API Well Number: 177024100500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 30-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4200 / 4200	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8580 / 7697	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 518  
Lease Number: G04405  
Well Name: 001  
API Well Number: 177024069400  
Paleo Report Num: 1 of 1  
Public Info Code: Y 28-APR-1994

Date of Summary: 21-MAY-1985  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: ELF AQUITAINE INC  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 8915  
Borehole TVD: 7617  
Rkb Elevation: 81  
Water Depth: 176  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 / 5052	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7420 / 6399	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 518	Date of Summary: 28-JAN-1989	First Sample Examined: 0
Lease Number: G04407	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10408
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6978
API Well Number: 177024088901	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 28-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 4542	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9526 / 6521	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 535	Date of Summary: 30-JAN-1990	First Sample Examined: 3090
Lease Number: G10595	Source of Paleo: OPERATOR	Borehole MD: 8208
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6488
API Well Number: 177024098100	Drilling Operator: COHO RESOURCES INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3090 - 8220	Water Depth: 180
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 2769	DEF AT first sample examined	DEF AT 2
4500 / 3669	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4650 / 3763	DEF AT faunal change (no faunal increase)	DEF AT 2
6150 / 4815	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7260 / 5708	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-1994

End Date: 31-DEC-1999

Area Block: WC 536	Date of Summary: 01-AUG-1990	First Sample Examined: 6000
Lease Number: G04773	Source of Paleo: OPERATOR	Borehole MD: 9382
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8330
API Well Number: 177024097300	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9383	Water Depth: 185
Public Info Code: Y 10-DEC-1999	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
6330 / 6286	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7680 / 7250	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9383 /	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 538	Date of Summary: 29-OCT-1984	First Sample Examined: 468
Lease Number: G02552	Source of Paleo: OPERATOR	Borehole MD: 10665
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10665
API Well Number: 177024076300	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 468 - 10620	Water Depth: 177
Public Info Code: Y 12-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
468 /	DEF AT first sample examined	DEF AT 1
840 /	DEF AT -----	DEF AT 2
1920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3690 /	DEF AT cement	DEF AT
3780 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3930 /	DEF AT -----	DEF AT 2
7020 /	DEF AT -----	DEF AT 3
8010 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8190 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8290 /	DEF AT poor sample interval top	DEF AT
10079 /	DEF AT poor sample interval bottom	DEF AT
10080 /	DEF AT -----	DEF AT 4
10590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	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-1994

End Date: 31-DEC-1999

Area Block: WC 540  
Lease Number: G02553  
Well Name: 001  
API Well Number: 177024025800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 22-MAY-1994

Date of Summary: 22-JUN-1978  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: MARATHON PETROLEUM COMPANY  
Sample Range: 1060 - 9890  
Ecozone Eq MMS: Y

First Sample Examined: 1060  
Borehole MD: 8240  
Borehole TVD: 8240  
Rkb Elevation: 96  
Water Depth: 184  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 /	DEF AT first sample examined	DEF IN 2
1750 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3920 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7640 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8240 /	DEF AT - - - - -	DEF AT 4
8480 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9890 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 22-JUN-1978	First Sample Examined: 1000
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 9077
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9077
API Well Number: 177024026400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9057	Water Depth: 183
Public Info Code: Y 22-MAY-1994	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 2
1840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
4030 /	DEF AT -----	DEF AT 3
5740 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7270 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7510 /	POS AT -----	POS AT 4
7570 /	DEF AT -----	DEF AT 3
9010 /	DEF AT -----	DEF AT 4
9056 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9057 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 09-MAR-1978	First Sample Examined: 3200
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 10160
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8663
API Well Number: 177024045000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3200 - 9560	Water Depth: 184
Public Info Code: Y 22-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 2974	DEF AT first sample examined	DEF IN 3
4160 / 3713	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7040 / 6017	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7670 / 6542	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9560 / 8156	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 540	<b>Date of Summary:</b> 09-MAR-1978	<b>First Sample Examined:</b> 9560
<b>Lease Number:</b> G02553	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 10160
<b>Well Name:</b> A001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8663
<b>API Well Number:</b> 177024045000	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 101
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 9560 - 10550	<b>Water Depth:</b> 184
<b>Public Info Code:</b> Y 22-MAY-1994	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9560 / 8156	DEF AT first sample examined	DEF IN 3
10340 /	DEF AT - - - - -	DEF AT 4
10550 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 08-MAY-1978	First Sample Examined: 3680
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 11217
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8093
API Well Number: 177024046200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3680 - 11210	Water Depth: 184
Public Info Code: Y 22-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3680 / 3058	DEF AT first sample examined	DEF IN 2
4040 / 3314	DEF AT - - - - -	DEF AT 3
4880 / 3860	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10220 / 7303	DEF AT poor sample interval top	POS AT 3
10579 / 7587	DEF AT poor sample interval bottom	DEF AT 3
10580 / 7588	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11210 / 8097	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 15-JUN-1978	First Sample Examined: 3200
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 11273
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9301
API Well Number: 177024048800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3200 - 11270	Water Depth: 184
Public Info Code: Y 22-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3039	DEF AT first sample examined	DEF IN 3
4130 / 3801	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
11270 / 9326	DEF AT last sample examined	DEF IN 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 13-JUL-1978	First Sample Examined: 3910
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 9070
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7182
API Well Number: 177024049000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3910 - 9070	Water Depth: 184
Public Info Code: Y 22-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3350	DEF AT first sample examined	DEF AT 3
3911 / 3350	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4420 / 3714	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7360 / 5874	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8650 / 6876	DEF AT - - - - -	DEF AT 4
9070 / 7183	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540  
 Lease Number: G02553  
 Well Name: A005  
 API Well Number: 177024049900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 22-MAY-1994

Date of Summary: 16-AUG-1978  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: MARATHON PETROLEUM COMPANY  
 Sample Range: 3970 - 9802  
 Ecozone Eq MMS: Y

First Sample Examined: 3970  
 Borehole MD: 9802  
 Borehole TVD: 7500  
 Rkb Elevation: 101  
 Water Depth: 184  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3025	DEF AT first sample examined	POS AT 3
4660 / 3427	DEF AT - - - - -	DEF AT 3
4930 / 3589	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9802 / 7473	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 08-NOV-1978	First Sample Examined: 3280
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 11217
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9875
API Well Number: 177024050600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3280 - 11210	Water Depth: 184
Public Info Code: Y 22-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3280 / 3054	DEF AT first sample examined	DEF AT 3
3281 / 3055	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4250 / 3872	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8450 / 7514	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9170 / 8151	DEF AT - - - - -	DEF AT 4
11210 / 9871	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540	Date of Summary: 21-NOV-1978	First Sample Examined: 3660
Lease Number: G02553	Source of Paleo: OPERATOR	Borehole MD: 9680
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7239
API Well Number: 177024050900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3660 - 9680	Water Depth: 184
Public Info Code: Y 22-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 / 3017	DEF AT first sample examined	DEF AT 2
3661 / 3017	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4050 / 3287	DEF AT - - - - -	DEF AT 3
4500 / 3585	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7860 / 5890	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9680 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 540  
 Lease Number: G02553  
 Well Name: A008  
 API Well Number: 177024052500  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 22-MAY-1994

Date of Summary: 11-JAN-1979  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: MARATHON PETROLEUM COMPANY  
 Sample Range: 3010 - 8710  
 Ecozone Eq MMS: Y

First Sample Examined: 3010  
 Borehole MD: 8710  
 Borehole TVD: 8033  
 Rkb Elevation: 101  
 Water Depth: 184  
 Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 / 3009	DEF AT first sample examined	DEF AT 3
3011 / 3010	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3730 / 3729	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4960 / 4955	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5770 / 5705	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5950 / 5864	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8710 / 8033	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 554	Date of Summary: 03-AUG-1987	First Sample Examined: 0
Lease Number: G07629	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10941
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10941
API Well Number: 177024091200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 29-JUL-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1850 / 1848	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6160 / 6158	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9619 / 9615	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 554	Date of Summary: 05-DEC-1989	First Sample Examined: 4500
Lease Number: G07629	Source of Paleo: OPERATOR	Borehole MD: 14295
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14291
API Well Number: 177024097200	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 61
Paleo Report Num: 1 of 2	Sample Range: 4500 - 14280	Water Depth: 194
Public Info Code: Y 28-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT 2
4501 / 4501	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5490 / 5490	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6030 / 6030	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6090 / 6090	DEF AT - - - - -	DEF AT 3
6330 / 6330	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10980 /10978	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
11010 /11008	DEF AT Cyclammina sp. (local marker)	DEF AT 4
13890 /13887	DEF AT anhydrite	DEF AT 4
14280 /14276	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 554	<b>Date of Summary:</b> 05-DEC-1989	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G07629	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14295
<b>Well Name:</b> A002	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 14291
<b>API Well Number:</b> 177024097200	<b>Drilling Operator:</b> UNION TEXAS PETROLEUM CORP	<b>Rkb Elevation:</b> 61
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4500 - 14280	<b>Water Depth:</b> 194
<b>Public Info Code:</b> Y 28-DEC-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT
4680 / 4680	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6210 / 6210	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10980 /10978	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14130 /14126	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14280 /14276	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 554	Date of Summary: 24-SEP-1990	First Sample Examined: 12800
Lease Number: G10598	Source of Paleo: OPERATOR	Borehole MD: 17823
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14998
API Well Number: 177024099601	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 12800 - 17823	Water Depth: 194
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 /12433	DEF AT first sample examined	DEF IN 4
12801 /12434	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
17823 /15001	DEF AT last sample examined	DEF IN 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 554	Date of Summary: 24-SEP-1990	First Sample Examined: 12800
Lease Number: G10598	Source of Paleo: OPERATOR	Borehole MD: 17823
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14998
API Well Number: 177024099601	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 12800 - 17823	Water Depth: 194
Public Info Code: Y 30-JUN-1994	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 /12433	DEF AT first sample examined	DEF AT
17823 /15001	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 556	<b>Date of Summary:</b> 25-SEP-1984	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05346	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 5791
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 4441
<b>API Well Number:</b> 177024084400	<b>Drilling Operator:</b> TXP OPERATING COMPANY	<b>Rkb Elevation:</b> 96
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 170
<b>Public Info Code:</b> Y 22-SEP-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1660 / 1650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 556	Date of Summary: 20-SEP-1985	First Sample Examined: 0
Lease Number: G05346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15444
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13292
API Well Number: 177024084300	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 07-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1780 / 1779	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7510 / 6669	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11940 /10433	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 556	Date of Summary: 29-AUG-1985	First Sample Examined: 0
Lease Number: G05346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14044
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11600
API Well Number: 177024085900	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 172
Public Info Code: Y 01-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1720 / 1719	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3520 / 3374	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7620 / 6604	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
12350 / 10225	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 556	Date of Summary: 29-AUG-1985	First Sample Examined: 0
Lease Number: G05346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17019
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 13803
API Well Number: 177024086000	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 13-APR-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1860 / 1814	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3780 / 3345	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7980 / 6548	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
12840 /10443	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 557	Date of Summary: 17-JAN-1986	First Sample Examined: 9010
Lease Number: G05347	Source of Paleo: OPERATOR	Borehole MD: 15004
Well Name: C002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14514
API Well Number: 177024087500	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 9010 - 14950	Water Depth: 200
Public Info Code: Y 28-JAN-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 9007	DEF AT first sample examined	DEF AT 2
9340 / 9327	DEF AT faunal change (no faunal increase)	DEF AT 4
9790 / 9757	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10150 /10089	DEF AT sample gap top	POS AT 4
10720 /10610	DEF AT sample gap bottom	DEF AT 4
11480 /11308	DEF AT faunal change (no faunal increase)	DEF AT 3
14950 /14473	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 557	Date of Summary: 19-NOV-1986	First Sample Examined: 8500
Lease Number: G05347	Source of Paleo: OPERATOR	Borehole MD: 14119
Well Name: C003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13375
API Well Number: 177024087900	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 8500 - 14110	Water Depth: 200
Public Info Code: Y 01-DEC-1996	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8240	DEF AT first sample examined	DEF AT 2
9670 / 9223	DEF AT faunal change (no faunal increase)	DEF AT 3
10270 / 9738	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
12010 /11317	DEF AT faunal change (no faunal increase)	DEF AT 3
13660 /12922	DEF AT faunal change (no faunal increase)	DEF AT 3
14110 /13372	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 557	Date of Summary: 14-OCT-1986	First Sample Examined: 0
Lease Number: G06651	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15245
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 14088
API Well Number: 177024090100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 14-OCT-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6410 / 6001	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9740 / 9024	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10790 /10008	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 557	Date of Summary: 17-MAY-1985	First Sample Examined: 5040
Lease Number: G21058	Source of Paleo: OPERATOR	Borehole MD: 16360
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16000
API Well Number: 177024086500	Drilling Operator: BELNORTH PETROLEUM CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5040 - 16320	Water Depth: 200
Public Info Code: Y 08-JUN-1995	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 / 5040	DEF AT first sample examined	DEF AT 1
6060 / 6060	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6480 / 6480	DEF AT -----	DEF AT 2
9780 / 9780	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11490 /11435	DEF AT -----	DEF AT 3
13770 /13553	DEF AT sample gap top	POS AT 3
14309 /14067	DEF AT sample gap bottom	DEF AT 3
14310 /14068	DEF AT -----	DEF AT 2
16230 /15879	DEF AT -----	DEF AT 5
16290 /15935	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
16320 /15964	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 557	Date of Summary: 09-SEP-1987	First Sample Examined: 0
Lease Number: G21058	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15568
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 15304
API Well Number: 177024087901	Drilling Operator: ENRON CORP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 13-JUN-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13978 /13800	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
15480 /15220	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 563	Date of Summary: 30-JAN-1978	First Sample Examined: 3650
Lease Number: G03284	Source of Paleo: OPERATOR	Borehole MD: 8785
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8750
API Well Number: 177024044900	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3650 - 8780	Water Depth: 190
Public Info Code: Y 29-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 / 3649	DEF AT first sample examined	DEF IN 3
4520 / 4519	DEF AT sample gap top	POS IN 3
5269 / 5268	DEF AT sample gap bottom	DEF IN 3
5270 / 5269	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
5420 / 5419	POS AT - - - - -	POS AT 4
6260 / 6259	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 4
6320 / 6319	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 4
6950 / 6949	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	POS AT 4
8210 / 8208	DEF AT local marker foram increase	POS AT 4
8510 / 8508	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 4
8780 / 8778	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 563	Date of Summary: 16-MAR-1978	First Sample Examined: 4240
Lease Number: G03284	Source of Paleo: OPERATOR	Borehole MD: 11539
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8471
API Well Number: 177024047100	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4240 - 11530	Water Depth: 192
Public Info Code: Y 29-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4240 / 3655	DEF AT first sample examined	DEF IN 2
5110 / 4177	DEF AT - - - - -	DEF AT 3
8770 / 6543	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
9070 / 6755	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9160 / 6819	DEF AT - - - - -	DEF AT 4
9190 / 6841	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9730 / 7229	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
9760 / 7251	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9820 / 7295	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11530 / 8489	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 563	Date of Summary: 26-MAY-1978	First Sample Examined: 4770
Lease Number: G03284	Source of Paleo: OPERATOR	Borehole MD: 9640
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6905
API Well Number: 177024048400	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4770 - 9640	Water Depth: 192
Public Info Code: Y 29-AUG-1996	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 3636	DEF AT first sample examined	DEF IN 2
6320 / 4640	DEF AT -----	DEF AT 3
7430 / 5358	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7520 / 5420	POS AT -----	DEF AT 4
9140 / 6540	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9320 / 6670	DEF AT -----	DEF AT 4
9640 / 6902	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 566	Date of Summary: 21-DEC-1983	First Sample Examined: 4060
Lease Number: G05348	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11068
API Well Number: 177024078600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4060 - 9580	Water Depth: 190
Public Info Code: Y 10-JAN-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4060 / 4052	DEF AT first sample examined	DEF AT 2
5410 / 5268	DEF AT -----	DEF AT 4
5500 / 5345	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5620 / 5448	DEF AT -----	DEF AT 3
6340 / 6068	DEF AT -----	DEF AT 2
8260 / 7708	DEF AT -----	DEF AT 3
8290 / 7733	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8830 / 8187	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8860 / 8213	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8950 / 8289	DEF AT -----	DEF AT 4
9250 / 8543	DEF AT cement	POS AT 4
9400 / 8666	DEF AT -----	DEF AT 4
9580 / 8809	DEF AT last sample examined	DEF AT 4

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

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 566	<b>Date of Summary:</b> 21-DEC-1983	<b>First Sample Examined:</b> 8710
<b>Lease Number:</b> G05348	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12300
<b>Well Name:</b> 001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11068
<b>API Well Number:</b> 177024078600	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 8710 - 12300	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 10-JAN-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8710 / 8086	DEF AT first sample examined	POS AT 4
8711 / 8087	DEF AT cement	POS AT 4
9040 / 8365	DEF AT -----	DEF AT 4
9100 / 8416	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9225 / 8522	DEF AT cement	POS AT 4
9460 / 8714	DEF AT -----	DEF AT 4
9760 / 8952	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9880 / 9047	DEF AT -----	DEF AT 3
10539 / 9583	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10540 / 9584	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10778 / 9779	DEF AT Bathysiphon fauna	DEF AT 5
10779 / 9780	DEF AT Lower Pliocene (Zanclian) Globigerina druyi / nepenthes "B"	DEF AT 5
10780 / 9780	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10960 / 9929	DEF AT -----	DEF AT 6
11949 /10763	POS IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
11950 /10764	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
11951 /10765	DEF IN deepwater facies Harang	DEF AT 6
12300 /11068	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 566	Date of Summary: 09-APR-1984	First Sample Examined: 3960
Lease Number: G05348	Source of Paleo: OPERATOR	Borehole MD: 11550
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10000
API Well Number: 177024082400	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3960 - 10170	Water Depth: 190
Public Info Code: Y 04-MAY-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3960 / 3959	DEF AT first sample examined	DEF AT 2
5010 / 4998	DEF AT poor sample interval top	POS AT 2
5730 / 5667	DEF AT poor sample interval bottom	DEF AT 3
6180 / 6034	DEF AT -----	DEF AT 2
8520 / 7717	DEF AT -----	DEF AT 3
8790 / 7912	DEF AT -----	DEF AT 4
8820 / 7933	DEF AT local marker benthic foram increase	DEF AT 4
9120 / 8142	DEF AT -----	DEF AT 3
9330 / 8284	DEF AT -----	DEF AT 2
10170 / 8854	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 566	Date of Summary: 30-APR-1984	First Sample Examined: 4110
Lease Number: G05348	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8600
API Well Number: 177024081800	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4110 - 9390	Water Depth: 190
Public Info Code: Y 26-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 4110	DEF AT first sample examined	DEF AT 2
5580 / 5491	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6060 / 5873	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6180 / 5967	DEF AT -----	DEF AT 2
8190 / 7469	DEF AT -----	DEF AT 3
8490 / 7698	DEF AT -----	DEF AT 4
8520 / 7721	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8640 / 7814	DEF AT -----	DEF IN 2
9390 / 8396	DEF AT last sample examined	DEF IN 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570	Date of Summary: 12-NOV-1984	First Sample Examined: 4030
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 12280
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10859
API Well Number: 177024084900	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4030 - 12250	Water Depth: 190
Public Info Code: Y 25-NOV-1994	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 2
4031 / 4031	DEF AT cement	DEF AT 2
5330 / 5297	DEF AT -----	DEF AT 3
5950 / 5826	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7090 / 6723	DEF AT -----	DEF AT 2
10510 / 9420	DEF AT -----	DEF AT 4
10600 / 9491	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11260 / 10028	DEF AT -----	DEF AT 3
12250 / 10839	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570	Date of Summary: 12-NOV-1984	First Sample Examined: 4100
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 10720
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10393
API Well Number: 177024084901	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 4100 - 10720	Water Depth: 190
Public Info Code: Y 08-DEC-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 4100	DEF AT first sample examined	DEF AT 2
5870 / 5801	DEF AT -----	DEF AT 3
6080 / 5999	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7040 / 6908	DEF AT -----	DEF AT 2
9290 / 9030	DEF AT -----	DEF AT 4
9470 / 9200	DEF AT Cyclammia sp. (local marker)	DEF AT 4
10010 / 9712	DEF AT -----	DEF AT 3
10720 / 10392	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570  
Lease Number: G05188  
Well Name: A005  
API Well Number: 177024083800  
Paleo Report Num: 1 of 1  
Public Info Code: Y 07-SEP-1994

Date of Summary: 08-AUG-1984  
Source of Paleo: OPERATOR  
Paleo Done By: CROSBIE-MACOMBER  
Drilling Operator: MARK PRODUCING INC  
Sample Range: 5200 - 9953  
Ecozone Eq MMS:

First Sample Examined: 5200  
Borehole MD: 10000  
Borehole TVD: 9549  
Rkb Elevation: 90  
Water Depth: 190  
Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 5189	DEF AT first sample examined	DEF AT 2
5912 / 5864	DEF AT -----	DEF AT 4
6779 / 6671	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6958 / 6835	DEF AT -----	DEF AT 2
8670 / 8351	DEF AT -----	DEF AT 3
9070 / 8707	DEF AT sample gap top	POS AT 3
9144 / 8773	DEF AT sample gap bottom	DEF AT 4
9145 / 8774	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9430 / 9032	DEF AT -----	DEF AT 3
9953 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570	Date of Summary: 28-AUG-1984	First Sample Examined: 5000
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 9993
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9732
API Well Number: 177024084200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9947	Water Depth: 190
Public Info Code: Y 24-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4998	DEF AT first sample examined	DEF AT 2
6050 / 6014	DEF AT -----	DEF AT 3
6355 / 6303	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6824 / 6749	DEF AT -----	DEF AT 2
8391 / 8241	DEF AT -----	DEF AT 3
8825 / 8647	DEF AT Cyclammia sp. (local marker)	DEF AT 4
9132 / 8936	DEF AT sample gap top	POS AT 4
9319 / 9110	DEF AT sample gap bottom	DEF AT 3
9947 / 9689	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570	Date of Summary: 21-DEC-1984	First Sample Examined: 4090
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 9586
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9345
API Well Number: 177024084601	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4090 - 9580	Water Depth: 190
Public Info Code: Y 25-JAN-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 4087	DEF AT first sample examined	DEF AT 2
5780 / 5734	DEF AT -----	DEF AT 4
6480 / 6401	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6640 / 6553	DEF AT -----	DEF AT 3
7190 / 7077	DEF AT -----	DEF AT 2
8934 / 8732	DEF AT -----	DEF AT 4
9367 / 9138	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9580 / 9339	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570	Date of Summary: 21-JAN-1985	First Sample Examined: 7410
Lease Number: G05188	Source of Paleo: OPERATOR	Borehole MD: 9750
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9353
API Well Number: 177024084602	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7410 - 9718	Water Depth: 190
Public Info Code: Y 05-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7410 / 7286	DEF AT first sample examined	DEF AT 2
8310 / 8095	DEF AT -----	DEF AT 3
8520 / 8278	DEF AT -----	DEF AT 2
8850 / 8567	DEF AT -----	DEF AT 4
9503 / 9137	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9718 / 9325	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 570	<b>Date of Summary:</b> 13-MAR-1985	<b>First Sample Examined:</b> 4250
<b>Lease Number:</b> G05188	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13051
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11515
<b>API Well Number:</b> 177024086200	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4250 - 11580	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 21-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 4030	DEF AT first sample examined	DEF AT 2
5750 / 5334	DEF AT sample gap top	POS AT 2
6150 / 5698	DEF AT sample gap bottom	DEF AT 2
6330 / 5854	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7500 / 6905	DEF AT -----	DEF AT 2
9120 / 8308	DEF AT -----	DEF AT 3
9420 / 8564	DEF AT -----	DEF AT 4
9540 / 8666	DEF AT -----	DEF AT 3
10260 / 9275	DEF AT -----	DEF AT 4
10350 / 9352	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10590 / 9557	DEF AT -----	DEF AT 3
11160 /10036	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11430 /10258	DEF AT -----	DEF AT 5
11520 /10332	DEF AT local marker deep water fauna	DEF AT 6
11580 /10381	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 570	<b>Date of Summary:</b> 08-APR-1985	<b>First Sample Examined:</b> 10594
<b>Lease Number:</b> G05188	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 13051
<b>Well Name:</b> A009	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 11515
<b>API Well Number:</b> 177024086200	<b>Drilling Operator:</b> MARK PRODUCING INC	<b>Rkb Elevation:</b> 90
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 10594 - 13020	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 21-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10594 / 9560	DEF AT first sample examined	DEF AT 3
11190 /10061	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11550 /10357	DEF AT local marker deep water fauna	DEF AT 6
11580 /10381	DEF AT salt	DEF AT 6
11581 /10382	DEF AT gypsum	DEF AT 6
13020 /11588	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 570	Date of Summary: 21-DEC-1984	First Sample Examined: 5334
Lease Number: G05348	Source of Paleo: OPERATOR	Borehole MD: 11110
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9497
API Well Number: 177024084500	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 5334 - 11100	Water Depth: 190
Public Info Code: Y 28-DEC-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5334 / 4756	DEF AT first sample examined	DEF AT 2
6568 / 5764	DEF AT -----	DEF AT 3
7000 / 6122	DEF AT -----	DEF AT 4
7124 / 6226	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7610 / 6636	DEF AT -----	DEF AT 2
9370 / 8095	DEF AT -----	DEF AT 4
9820 / 8460	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11100 / 9509	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 575	<b>Date of Summary:</b> 22-APR-1987	<b>First Sample Examined:</b> 4830
<b>Lease Number:</b> G04844	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 7765
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 6169
<b>API Well Number:</b> 177024089900	<b>Drilling Operator:</b> CHEVRON USA INC	<b>Rkb Elevation:</b> 95
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4830 - 7770	<b>Water Depth:</b> 190
<b>Public Info Code:</b> Y 27-AUG-1996	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4017	DEF AT first sample examined	DEF AT 1
5970 / 4840	DEF AT -----	DEF AT 3
6000 / 4862	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7200 / 5761	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-1994

End Date: 31-DEC-1999

Area Block: WC 588	Date of Summary: 12-APR-1994	First Sample Examined: 3100
Lease Number: G13570	Source of Paleo: OPERATOR	Borehole MD: 8740
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 8740
API Well Number: 177024106100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3100 - 8740	Water Depth: 212
Public Info Code: Y 31-AUG-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT first sample examined	DEF AT
3101 / 3101	DEF AT cement	DEF AT
3460 / 3460	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4990 / 4990	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5830 / 5830	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8590 / 8589	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8680 / 8679	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8740 / 8739	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 593	<b>Date of Summary:</b> 18-DEC-1989	<b>First Sample Examined:</b> 3480
<b>Lease Number:</b> G02023	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12995
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12096
<b>API Well Number:</b> 177024093700	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3480 - 12300	<b>Water Depth:</b> 235
<b>Public Info Code:</b> Y 12-OCT-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3480	DEF AT first sample examined	DEF IN 2
3690 / 3689	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4590 / 4570	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4650 / 4627	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
5610 / 5521	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6330 / 6191	DEF AT -----	DEF AT 2
6960 / 6780	DEF AT -----	DEF AT 3
7560 / 7341	DEF AT -----	DEF AT 2
8190 / 7924	DEF AT -----	DEF IN 2
9390 / 9022	DEF AT -----	DEF AT 3
9600 / 9213	DEF AT -----	DEF AT 2
10950 /10386	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
11430 /10798	DEF AT -----	DEF AT 2
12300 /11540	DEF AT last sample examined	DEF AT 2

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 593	<b>Date of Summary:</b> 15-JAN-1989	<b>First Sample Examined:</b> 11850
<b>Lease Number:</b> G02023	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 12858
<b>Well Name:</b> A009	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 12112
<b>API Well Number:</b> 177024093701	<b>Drilling Operator:</b> UNION OIL COMPANY OF CALIFORNIA	<b>Rkb Elevation:</b> 117
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 11850 - 12995	<b>Water Depth:</b> 241
<b>Public Info Code:</b> Y 02-DEC-1998	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11850 /11159	DEF AT first sample examined	DEF AT
11851 /11160	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12995 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 596	Date of Summary: 12-NOV-1990	First Sample Examined: 0
Lease Number: G11815	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8100
API Well Number: 177024100800	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 261
Public Info Code: Y 31-MAY-1995	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2435 / 2435	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4865 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5565 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 604	Date of Summary: 02-DEC-1996	First Sample Examined: 0
Lease Number: G10601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7240
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5469
API Well Number: 177024098000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 20-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6278 / 5077	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 604	Date of Summary: 03-DEC-1996	First Sample Examined: 0
Lease Number: G10601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7576
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6796
API Well Number: 177024098401	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 20-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 / 3465	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 604	Date of Summary: 30-JAN-1990	First Sample Examined: 0
Lease Number: G10601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11447
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10190
API Well Number: 177024097700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 20-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5200 / 4461	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7935 / 6715	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10457 / 9209	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 605	Date of Summary: 04-FEB-1999	First Sample Examined: 0
Lease Number: G02231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10932
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9850
API Well Number: 177024122400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 / 6049	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
8010 / 7539	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
8970 / 8277	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9540 / 8733	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10590 / 9579	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
10680 / 9651	DEF AT Eggerella 3 (local marker)	DEF AT
10920 / 9841	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 605	Date of Summary: 04-FEB-1999	First Sample Examined: 0
Lease Number: G02231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10932
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9850
API Well Number: 177024122400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 07-JUL-1999	Ecozone Eq MMS:	Paleo ID: 002

**Remark:** Calcareous nannofossil report, 9300=Reticulofenestra minuta dominant, 10650=Discoaster spp increase

MD / TVD	Paleo Top Description	Ecozone
5649 / 5637	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
7470 / 7144	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7860 / 7430	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8640 / 8015	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8940 / 8253	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9300 / 8540	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
9810 / 8951	DEF AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
10650 / 9627	DEF AT Lower Pliocene (Zanclian) Discoaster variabilis	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 607	Date of Summary: 13-AUG-1990	First Sample Examined: 0
Lease Number: G10602	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7350
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7350
API Well Number: 177024097400	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 09-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7058 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 607	<b>Date of Summary:</b> 09-FEB-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10602	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 8432
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 7978
<b>API Well Number:</b> 177024097600	<b>Drilling Operator:</b> HALL-HOUSTON OIL COMPANY	<b>Rkb Elevation:</b> 105
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 297
<b>Public Info Code:</b> Y 09-OCT-1999	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7341 / 6971	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 607	Date of Summary: 07-SEP-1990	First Sample Examined: 0
Lease Number: G10602	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7575
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7353
API Well Number: 177024099500	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 09-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7224 / 7019	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 607	Date of Summary: 01-JUL-1997	First Sample Examined: 0
Lease Number: G10602	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10145
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177024114700	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 150
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 09-OCT-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9070 / 8064	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9430 / 8374	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 613	Date of Summary: 23-FEB-1984	First Sample Examined: 3070
Lease Number: G03286	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9700
API Well Number: 177024079600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3070 - 9700	Water Depth: 300
Public Info Code: Y 21-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 /	DEF AT first sample examined	DEF IN 3
3400 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7660 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	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-1994

End Date: 31-DEC-1999

Area Block: WC 618	Date of Summary: 03-AUG-1988	First Sample Examined: 0
Lease Number: G04200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9350
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8466
API Well Number: 177024093000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 320
Public Info Code: Y 13-JUL-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7702	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-1994

End Date: 31-DEC-1999

Area Block: WC 619  
Lease Number: G02233  
Well Name: 001  
API Well Number: 177024038000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 11-FEB-1995

Date of Summary: 03-OCT-1978  
Source of Paleo: MINERALS MANAGEMENT SERVICE  
Paleo Done By: JIM COOKE  
Drilling Operator: SHELL OFFSHORE INC  
Sample Range: 1305 - 12000  
Ecozone Eq MMS: Y

First Sample Examined: 1305  
Borehole MD: 12000  
Borehole TVD: 12000  
Rkb Elevation: 88  
Water Depth: 320  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1305 /	DEF AT first sample examined	DEF IN 3
1306 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
1800 /	DEF AT - - - - -	DEF AT 4
3600 /	POS AT local marker deep water fauna	DEF AT 4
4005 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5805 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5850 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
6975 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
8810 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9620 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9800 /	DEF AT local marker planktic foram increase	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 619	<b>Date of Summary:</b> 21-JAN-2002	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G02233	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11190
<b>Well Name:</b> B001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11190
<b>API Well Number:</b> 177024049100	<b>Drilling Operator:</b> LOUISIANA LAND AND EXPLORATION COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 319
<b>Public Info Code:</b> Y 11-FEB-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1690 / 1690	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3820 / 3820	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8690 / 8689	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10116 / 10114	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WC 620	<b>Date of Summary:</b> 05-JUL-1988	<b>First Sample Examined:</b> 1400
<b>Lease Number:</b> G02234	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 11104
<b>Well Name:</b> A018	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 8929
<b>API Well Number:</b> 177024092800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 1400 - 5510	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 07-MAY-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1399	DEF AT first sample examined	DEF IN 3
3050 / 2916	DEF AT -----	DEF AT 4
4610 / 3969	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4640 / 3991	DEF AT -----	DEF AT 3
5510 / 4607	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 620  
 Lease Number: G02234  
 Well Name: A018  
 API Well Number: 177024092800  
 Paleo Report Num: 2 of 3  
 Public Info Code: Y 07-MAY-1998

Date of Summary: 05-JUL-1988  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: MARATHON PETROLEUM COMPANY  
 Sample Range: 5390 - 11663  
 Ecozone Eq MMS: Y

First Sample Examined: 5390  
 Borehole MD: 11104  
 Borehole TVD: 8929  
 Rkb Elevation: 100  
 Water Depth: 303  
 Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 4521	DEF AT first sample examined	DEF IN 3
8150 / 6486	DEF AT sample gap top	POS IN 3
8420 / 6682	DEF AT sample gap bottom	DEF IN 3
10341 / 8207	DEF AT -----	DEF AT 4
11663 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 620	Date of Summary: 05-JUL-1988	First Sample Examined: 11020
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 11104
Well Name: A018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8929
API Well Number: 177024092800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 3 of 3	Sample Range: 11020 - 14440	Water Depth: 303
Public Info Code: Y 07-MAY-1998	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Redrill 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11020 / 8847	DEF AT first sample examined	DEF AT 4
12130 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
13240 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
13330 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
14440 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 628	Date of Summary: 08-OCT-1984	First Sample Examined: 1030
Lease Number: G05357	Source of Paleo: OPERATOR	Borehole MD: 10823
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9842
API Well Number: 177024085100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1030 - 10823	Water Depth: 320
Public Info Code: Y 15-AUG-1994	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
1240 / 1240	DEF AT -----	DEF AT 3
1300 / 1300	DEF AT -----	DEF AT 4
1570 / 1570	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2680 / 2667	DEF AT -----	DEF AT 4
3370 / 3250	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8230 / 7295	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
8290 / 7352	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9880 / 8901	DEF AT -----	DEF AT 5
9940 / 8961	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
10823 / 9842	DEF AT last sample examined	DEF AT 5



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 635	Date of Summary: 23-JAN-1996	First Sample Examined: 0
Lease Number: G12811	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10510
API Well Number: 177024109900	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 378
Public Info Code: Y 28-FEB-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4860 / 4607	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9060 / 7199	DEF AT Upper Miocene (Messinian) Textularia tatumii	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 635	Date of Summary: 07-JUL-1997	First Sample Examined: 6770
Lease Number: G15121	Source of Paleo: OPERATOR	Borehole MD: 18083
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13917
API Well Number: 177024114000	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 6770 - 13210	Water Depth: 378
Public Info Code: Y 11-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:** Original hole report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6770 / 5327	DEF AT first sample examined	DEF AT
6771 / 5327	DEF AT drilling material	DEF AT
6980 / 5476	DEF AT - - - - -	DEF AT 2
7070 / 5539	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
13100 / 9546	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
13210 / 9620	DEF AT last sample examined	POS AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 635	Date of Summary: 07-JUL-1997	First Sample Examined: 13210
Lease Number: G15121	Source of Paleo: OPERATOR	Borehole MD: 18083
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13917
API Well Number: 177024114000	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 13210 - 18083	Water Depth: 378
Public Info Code: Y 11-JUN-1999	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:** Sidetrack 1 report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13210 / 9620	DEF AT first sample examined	DEF AT 3
13360 / 9718	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
14280 /10366	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
15540 /11485	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
17340 /13194	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
17400 /13252	DEF AT -----	POS AT 4
18083 /13917	DEF AT last sample examined	POS AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 642	Date of Summary: 24-APR-1984	First Sample Examined: 0
Lease Number: G02240	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8326
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6546
API Well Number: 177024080900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 410
Public Info Code: Y 23-APR-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 / 3951	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WC 648  
Lease Number: G04268  
Well Name: 003  
API Well Number: 177024092500  
Paleo Report Num: 1 of 1  
Public Info Code: Y 19-FEB-1998

Date of Summary: 01-FEB-1988  
Source of Paleo: OPERATOR  
Paleo Done By: PALEO-DATA, INC.  
Drilling Operator: SUN OIL COMPANY  
Sample Range: 2000 - 9151  
Ecozone Eq MMS: Y

First Sample Examined: 2000  
Borehole MD: 9158  
Borehole TVD: 9000  
Rkb Elevation: 91  
Water Depth: 440  
Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	POS AT 4
2180 / 2180	DEF AT -----	DEF AT 4
2240 / 2240	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3620 / 3620	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4340 / 4340	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6050 / 6017	DEF AT -----	DEF AT 5
6200 / 6160	DEF AT -----	DEF AT 4
8960 / 8810	DEF AT -----	DEF AT 5
9151 / 8993	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 18	<b>Date of Summary:</b> 15-NOV-1984	<b>First Sample Examined:</b> 11000
<b>Lease Number:</b> G05669	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16095
<b>Well Name:</b> 005	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16095
<b>API Well Number:</b> 177194035000	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 85
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 11000 - 16095	<b>Water Depth:</b> 52
<b>Public Info Code:</b> Y 10-JAN-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /10999	DEF AT first sample examined	DEF IN 3
11150 /11149	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11420 /11419	DEF AT Eggerella sp. (local marker)	DEF AT 4
11510 /11509	DEF AT Eggerella 3 (local marker)	DEF AT 4
12800 /12799	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
13370 /13368	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
13910 /13908	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
15320 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
16095 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 18	Date of Summary: 16-MAR-1984	First Sample Examined: 4500
Lease Number: G05669	Source of Paleo: OPERATOR	Borehole MD: 19300
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19151
API Well Number: 177194030100	Drilling Operator: SAMEBAN OIL CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 4500 - 19320	Water Depth: 50
Public Info Code: Y 12-MAR-1994	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF IN 2
9690 / 9688	DEF AT -----	DEF AT 3
11310 /11307	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11370 /11367	DEF AT -----	DEF AT 4
13620 /13617	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
16260 /16253	DEF AT local marker benthic foram increase	DEF AT 4
18960 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
19110 /	DEF AT -----	DEF AT 6
19320 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 18	Date of Summary: 07-JUL-1987	First Sample Examined: 13020
Lease Number: G05669	Source of Paleo: OPERATOR	Borehole MD: 17262
Well Name: D001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17262
API Well Number: 177194043800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 13020 - 17250	Water Depth: 50
Public Info Code: Y 10-JUL-1997	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13020 /13018	DEF AT first sample examined	DEF AT 4
13021 /13019	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13950 /13948	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
16380 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
16920 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
17250 /	DEF AT last sample examined	DEF AT 4



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 20	Date of Summary: 11-SEP-1990	First Sample Examined: 0
Lease Number: G07789	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16849
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16790
API Well Number: 177194050900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 12-JUN-1998	Ecozone Eq MMS:	Paleo ID: 001

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1390 / 1390	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3250 / 3250	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3400 / 3400	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4870 / 4870	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9130 / 9129	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11500 /11495	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT
13300 /13266	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
16150 /16095	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 20  
 Lease Number: G07789  
 Well Name: 004  
 API Well Number: 177194056900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 12-JUN-1998

Date of Summary: 14-DEC-1993  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: NEWFIELD EXPLORATION COMPANY  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 16815  
 Borehole TVD: 16796  
 Rkb Elevation: 86  
 Water Depth: 42  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13092 /13089	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
16453 /16438	DEF AT salt	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 33	Date of Summary: 11-MAY-1988	First Sample Examined: 9330
Lease Number: G05670	Source of Paleo: OPERATOR	Borehole MD: 16563
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16550
API Well Number: 177194046300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 9330 - 13950	Water Depth: 53
Public Info Code: Y 02-SEP-1995	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
9330 / 9322	DEF AT first sample examined	DEF IN 2
9570 / 9562	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 2
9990 / 9982	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
10500 /10492	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 2
11070 /11062	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF IN 2
11430 /11422	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
11610 /11602	DEF AT Eggerella sp. (local marker)	DEF AT 4
11730 /11722	DEF AT Eggerella sp. (local marker)	DEF AT 4
11880 /11871	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
12330 /12321	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
13590 /13581	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
13770 /13761	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
13950 /13941	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-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 33	<b>Date of Summary:</b> 11-MAY-1988	<b>First Sample Examined:</b> 13950
<b>Lease Number:</b> G05670	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16563
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16550
<b>API Well Number:</b> 177194046300	<b>Drilling Operator:</b> SAMEDAN OIL CORPORATION	<b>Rkb Elevation:</b> 92
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 13950 - 16530	<b>Water Depth:</b> 53
<b>Public Info Code:</b> Y 02-SEP-1995	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 003

**Remark:** Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13950 /13941	DEF AT first sample examined	DEF AT 4
15120 /15109	DEF AT sample gap top	DEF AT 4
15510 /15499	DEF AT sample gap bottom	DEF AT 4
16290 /16278	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
16530 /16517	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 34  
Lease Number: G03414  
Well Name: 008  
API Well Number: 177194033000  
Paleo Report Num: 1 of 1  
Public Info Code: Y 30-SEP-1994

Date of Summary: 25-OCT-1984  
Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
Paleo Done By: OPERATOR  
Drilling Operator: TXP OPERATING COMPANY  
Sample Range: 0 - 0  
Ecozone Eq MMS:

First Sample Examined: 0  
Borehole MD: 14000  
Borehole TVD: 13997  
Rkb Elevation: 96  
Water Depth: 66  
Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4421 / 4421	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
8005 / 8004	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9180 / 9179	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11430 /11429	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11760 /11759	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
13215 /13213	POS AT deepwater facies Listerella fauna	DEF AT
13600 /13598	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 46	Date of Summary: 14-DEC-1994	First Sample Examined: 0
Lease Number: G14562	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4000
API Well Number: 177194059700	Drilling Operator: GENERAL ATLANTIC RESOURCES INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 30-JUN-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3025 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 49	<b>Date of Summary:</b> 16-JUN-1994	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G10877	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11350
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11350
<b>API Well Number:</b> 177194058400	<b>Drilling Operator:</b> TATHAM OFFSHORE INC	<b>Rkb Elevation:</b> 100
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 34
<b>Public Info Code:</b> Y 30-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 6720	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7650 / 7649	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8370 / 8369	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9000 / 8999	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9720 / 9719	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 50	Date of Summary: 11-DEC-1984	First Sample Examined: 0
Lease Number: G05050	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177194034900	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 26-NOV-1994	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9005 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 59	Date of Summary: 21-JUL-1995	First Sample Examined: 0
Lease Number: G12063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16961
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16800
API Well Number: 177194060700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 26-JUL-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5757 / 5757	POS IN Pleistocene	DEF AT
9724 / 9724	POS AT Upper (Late) Miocene	DEF AT
12312 /12312	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13424 /13423	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
13732 /13731	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 63	Date of Summary: 21-DEC-1984	First Sample Examined: 1000
Lease Number: G02933	Source of Paleo: OPERATOR	Borehole MD: 12268
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11806
API Well Number: 177194035100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12250	Water Depth: 137
Public Info Code: Y 14-DEC-1994	Ecozone Eq MMS: Y	Paleo ID: 001

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
2020 / 2007	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3460 / 3315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3580 / 3419	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3820 / 3627	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5320 / 4953	DEF AT shell fragments	DEF AT 2
5350 / 4979	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7780 / 7319	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8260 / 7799	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
10870 /10408	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12250 /11788	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 73	Date of Summary: 06-MAR-1985	First Sample Examined: 0
Lease Number: G01083	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10100
Well Name: D032	Paleo Done By: OPERATOR	Borehole TVD: 9519
API Well Number: 177194035600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 04-FEB-1995	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 3924	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 76	<b>Date of Summary:</b> 01-JUN-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04242	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 19264
<b>Well Name:</b> 003	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 18615
<b>API Well Number:</b> 177194045000	<b>Drilling Operator:</b> TEXACO EXPLORATION AND PROD	<b>Rkb Elevation:</b> 88
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 187
<b>Public Info Code:</b> Y 19-JUN-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10130 /10129	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT
10680 /10679	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13360 /13359	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14969 /14967	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
17940 /17937	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 76	<b>Date of Summary:</b> 22-MAR-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G04242	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 12715
<b>Well Name:</b> 004	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 10904
<b>API Well Number:</b> 177194060200	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 110
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 180
<b>Public Info Code:</b> Y 19-JUN-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11610 /10118	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 79	Date of Summary: 14-FEB-1989	First Sample Examined: 0
Lease Number: G01449	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 20152
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 19947
API Well Number: 177194038300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 12-MAR-1996	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14110 /13922	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
15830 /15641	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
19400 /19200	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 28-SEP-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01874	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 18825
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17886
<b>API Well Number:</b> 177194035900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 1 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 106
<b>Public Info Code:</b> Y 31-AUG-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10480 /10064	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 79	Date of Summary: 28-SEP-1988	First Sample Examined: 0
Lease Number: G01874	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18825
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 17886
API Well Number: 177194035900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 4	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 31-AUG-1995	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13830 /13136	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 28-SEP-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01874	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 18825
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17886
<b>API Well Number:</b> 177194035900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 3 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 106
<b>Public Info Code:</b> Y 31-AUG-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13840 /13145	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
16960 /16066	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 79	<b>Date of Summary:</b> 28-SEP-1988	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G01874	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 18825
<b>Well Name:</b> F001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17886
<b>API Well Number:</b> 177194035900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 102
<b>Paleo Report Num:</b> 4 of 4	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 106
<b>Public Info Code:</b> Y 31-AUG-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

**Remark:** Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16930 /16037	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 80	Date of Summary: 25-SEP-1989	First Sample Examined: 4000
Lease Number: G01874	Source of Paleo: OPERATOR	Borehole MD: 16155
Well Name: D037	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15133
API Well Number: 177194048300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 2	Sample Range: 4000 - 14738	Water Depth: 102
Public Info Code: Y 21-OCT-1999	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
4000 / 3996	DEF AT first sample examined	DEF IN 1
4360 / 4344	DEF AT - - - - -	DEF AT 2
5050 / 4973	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
5950 / 5782	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7600 / 7287	DEF AT - - - - -	DEF AT 3
7900 / 7560	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9050 / 8603	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10220 / 9661	DEF AT - - - - -	DEF AT 4
10310 / 9743	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13190 / 12423	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14738 / 13836	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 80	Date of Summary: 25-SEP-1989	First Sample Examined: 13720
Lease Number: G01874	Source of Paleo: OPERATOR	Borehole MD: 16155
Well Name: D037	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15133
API Well Number: 177194048300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 13720 - 16155	Water Depth: 102
Public Info Code: Y 21-OCT-1999	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>
13720 /12910	DEF AT first sample examined	DEF AT 4
16155 /15133	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 86	Date of Summary: 31-JAN-1984	First Sample Examined: 1020
Lease Number: G04243	Source of Paleo: OPERATOR	Borehole MD: 13690
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13180
API Well Number: 177194027000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1020 - 13690	Water Depth: 192
Public Info Code: Y 25-FEB-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

MD / TVD	Paleo Top Description	Ecozone
1020 / 1020	DEF AT first sample examined	DEF IN 3
2900 / 2787	DEF AT -----	DEF AT 4
3020 / 2895	DEF AT -----	DEF AT 5
3090 / 2958	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5130 / 4780	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5340 / 4967	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6030 / 5579	DEF AT -----	DEF AT 4
6330 / 5850	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6480 / 5990	DEF AT -----	DEF AT 3
9780 / 9271	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10200 / 9691	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12810 / 12300	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13690 / 13180	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 86	Date of Summary: 02-JUL-1984	First Sample Examined: 4280
Lease Number: G04243	Source of Paleo: OPERATOR	Borehole MD: 15220
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9992
API Well Number: 177194032500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 4280 - 15220	Water Depth: 143
Public Info Code: Y 04-JUL-1994	Ecozone Eq MMS: Y	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4280 / 3192	DEF AT first sample examined	DEF AT 3
4370 / 3243	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4970 / 3584	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7460 / 5079	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
12850 / 8475	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
13090 / 8629	DEF AT - - - - -	DEF AT 4
13570 / 8938	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
15220 / 9993	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 86	Date of Summary: 14-JAN-1991	First Sample Examined: 0
Lease Number: G04243	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11417
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9110
API Well Number: 177194050000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 21-DEC-1999	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3974 / 3900	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5874 / 5323	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8406 / 7039	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 86  
 Lease Number: G04895  
 Well Name: A010  
 API Well Number: 177194031700  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 19-APR-1994

Date of Summary: 10-APR-1984  
 Source of Paleo: OPERATOR  
 Paleo Done By: PALEO-DATA, INC.  
 Drilling Operator: MARATHON PETROLEUM COMPANY  
 Sample Range: 9590 - 14600  
 Ecozone Eq MMS: Y

First Sample Examined: 9590  
 Borehole MD: 14600  
 Borehole TVD: 8460  
 Rkb Elevation: 108  
 Water Depth: 143  
 Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9590 / 6003	DEF AT first sample examined	DEF AT 3
11540 / 7002	DEF AT sample gap top	POS AT 3
11720 / 7107	DEF AT sample gap bottom	DEF AT 3
13160 / 7853	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
14600 / 8460	DEF AT last sample examined	DEF AT 3



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 86	Date of Summary: 07-MAY-1984	First Sample Examined: 3870
Lease Number: G04895	Source of Paleo: OPERATOR	Borehole MD: 6504
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5554
API Well Number: 177194032300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 3870 - 6505	Water Depth: 143
Public Info Code: Y 24-MAY-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3306	DEF AT first sample examined	DEF AT 4
3871 / 3307	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3940 / 3358	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4240 / 3586	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4930 / 4145	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6190 / 5258	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6505 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 86	Date of Summary: 04-SEP-1984	First Sample Examined: 10420
Lease Number: G04895	Source of Paleo: OPERATOR	Borehole MD: 13661
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13223
API Well Number: 177194033400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 10420 - 13660	Water Depth: 143
Public Info Code: Y 27-SEP-1994	Ecozone Eq MMS: Y	Paleo ID: 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10420 /10108	DEF AT first sample examined	DEF IN 4
10421 /10109	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
11380 /11036	DEF AT - - - - -	DEF AT 4
13660 /13222	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 88	Date of Summary: 13-DEC-1989	First Sample Examined: 9000
Lease Number: G10882	Source of Paleo: OPERATOR	Borehole MD: 15617
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14805
API Well Number: 177194049700	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 9000 - 15570	Water Depth: 216
Public Info Code: Y 01-DEC-1999	Ecozone Eq MMS: Y	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8971	DEF AT first sample examined	DEF AT 1
9001 / 8972	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
9540 / 9468	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10109 / 9962	DEF AT Cyclammina sp. (local marker)	DEF AT 2
10110 / 9963	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
10620 /10402	DEF AT local marker foram increase	DEF AT 2
11160 /10868	DEF AT local marker foram increase	DEF AT 2
12990 /12464	DEF AT Eggerella sp. (local marker)	DEF AT 2
13140 /12597	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
13470 /12888	DEF AT faunal change (no faunal increase)	DEF AT 2
13740 /13127	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
14070 /13421	DEF AT faunal change (no faunal increase)	DEF AT 2
14370 /13688	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
15570 /14762	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 89	Date of Summary: 20-JAN-1988	First Sample Examined: 13000
Lease Number: G01088	Source of Paleo: OPERATOR	Borehole MD: 20500
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 20426
API Well Number: 177194043400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 13000 - 20500	Water Depth: 199
Public Info Code: Y 02-OCT-1997	Ecozone Eq MMS: Y	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 3
14500 /14497	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
19300 /19290	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
20500 /20488	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 97	Date of Summary: 04-DEC-1991	First Sample Examined: 0
Lease Number: G07793	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5630
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5005
API Well Number: 177194053200	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 02-MAR-1998	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3472 / 3191	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4890 / 4367	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5229 / 4657	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 97	Date of Summary: 08-APR-1987	First Sample Examined: 1300
Lease Number: G08457	Source of Paleo: OPERATOR	Borehole MD: 10325
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9112
API Well Number: 177194041700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1300 - 10325	Water Depth: 156
Public Info Code: Y 06-DEC-1996	Ecozone Eq MMS: Y	Paleo ID: 002

## 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 Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1570 / 1570	DEF AT - - - - -	DEF AT 4
2470 / 2470	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3370 / 3370	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4300 / 4300	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5980 / 5932	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
6820 / 6545	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
9880 / 8756	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 1
10325 / 9098	DEF AT last sample examined	DEF IN 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 97	Date of Summary: 28-JAN-1988	First Sample Examined: 0
Lease Number: G08457	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8999
API Well Number: 177194045800	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 171
Public Info Code: Y 31-JAN-1998	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 / 2750	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4320 / 4320	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5790 / 5790	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6120 / 6120	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7080 / 7079	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8970 / 8969	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 103	Date of Summary: 27-MAR-1985	First Sample Examined: 2300
Lease Number: 00840	Source of Paleo: OPERATOR	Borehole MD: 14259
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11803
API Well Number: 177194036600	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 2300 - 14280	Water Depth: 240
Public Info Code: Y 04-APR-1995	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
2300 / 2300	DEF AT first sample examined	DEF AT 5
3000 / 3000	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3320 / 3319	DEF AT -----	DEF AT 2
4440 / 4382	DEF AT sample gap top	POS AT 2
4559 / 4489	DEF AT sample gap bottom	DEF AT 4
4560 / 4490	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
4690 / 4606	DEF AT -----	DEF AT 3
7480 / 6848	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8918 / 7925	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8919 / 7925	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8920 / 7926	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9130 / 8088	DEF AT -----	DEF AT 3
12820 /10761	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
13158 /11007	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13159 /11008	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13160 /11009	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
14280 /	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 103	<b>Date of Summary:</b> 27-MAR-1985	<b>First Sample Examined:</b> 3140
<b>Lease Number:</b> 00840	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 14067
<b>Well Name:</b> 004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 10233
<b>API Well Number:</b> 177194036601	<b>Drilling Operator:</b> MCMORAN OIL & GAS CO	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 3140 - 14050	<b>Water Depth:</b> 240
<b>Public Info Code:</b> Y 20-APR-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 / 3140	DEF AT first sample examined	DEF AT
3141 / 3141	DEF AT cement	DEF AT
4010 / 3968	DEF AT faunal change (no faunal increase)	DEF AT 2
4610 / 4441	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
4820 / 4585	DEF AT faunal change (no faunal increase)	DEF AT 3
8630 / 6726	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
10040 / 7611	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10250 / 7745	DEF AT faunal change (no faunal increase)	DEF AT 3
12730 / 9379	DEF AT faunal change (no faunal increase)	DEF AT 4
12910 / 9491	DEF AT faunal change (no faunal increase)	DEF AT 3
14050 / 10221	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 104	Date of Summary: 28-AUG-1984	First Sample Examined: 1000
Lease Number: 00841	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7000
API Well Number: 177194033900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7000	Water Depth: 246
Public Info Code: Y 16-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1480 /	DEF AT -----	DEF AT 3
1660 /	DEF AT -----	DEF AT 2
2290 /	DEF AT -----	DEF AT 4
2770 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3040 /	DEF AT -----	DEF AT 3
3610 /	DEF AT -----	DEF AT 4
4689 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4690 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
4960 /	DEF AT -----	DEF AT 3
6580 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	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-1994

End Date: 31-DEC-1999

Area Block: WD 105	Date of Summary: 28-AUG-1984	First Sample Examined: 1070
Lease Number: 00842	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7000
API Well Number: 177194033600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1070 - 7010	Water Depth: 247
Public Info Code: Y 04-SEP-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1070 /	DEF AT first sample examined	DEF AT 2
1400 /	DEF AT -----	DEF AT 3
1580 /	DEF AT -----	DEF AT 2
2480 /	DEF AT sample gap top	POS AT 2
3080 /	DEF AT sample gap bottom	DEF AT 4
3110 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3290 /	DEF AT -----	DEF AT 3
4090 /	DEF AT -----	DEF AT 5
4119 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
4120 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4540 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4629 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4630 /	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 4
5020 /	DEF AT -----	DEF AT 3
6140 /	DEF AT -----	DEF AT 2
6530 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7010 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 105	Date of Summary: 22-OCT-1984	First Sample Examined: 950
Lease Number: 00842	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8316
API Well Number: 177194034000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 950 - 10005	Water Depth: 234
Public Info Code: Y 05-OCT-1994	Ecozone Eq MMS:	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 2
1310 / 1310	DEF AT -----	DEF AT 3
1550 / 1550	DEF AT -----	DEF AT 2
2060 / 2059	DEF AT -----	DEF AT 4
2690 / 2643	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4429 / 3983	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
4430 / 3983	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5030 / 4434	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5270 / 4624	DEF AT -----	DEF AT 3
7850 / 6647	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
9915 / 8253	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
10005 /	DEF AT last sample examined	DEF AT 3

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 105	Date of Summary: 02-NOV-1984	First Sample Examined: 1940
Lease Number: 00842	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10510
API Well Number: 177194034001	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1940 - 13000	Water Depth: 234
Public Info Code: Y 07-NOV-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

MD / TVD	Paleo Top Description	Ecozone
1940 / 1940	DEF AT first sample examined	DEF AT 4
2570 / 2567	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3759 / 3706	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
3760 / 3707	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4659 / 4436	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4660 / 4437	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
4840 / 4572	DEF AT - - - - -	DEF AT 3
7839 / 6815	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
7840 / 6815	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10600 / 8705	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
11588 / 9422	DEF AT Cyclamina sp. (local marker)	DEF AT 4
11589 / 9423	DEF AT Eggerella sp. (local marker)	DEF AT 4
11590 / 9423	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12010 / 9734	DEF AT local marker benthic foram increase	DEF AT 4
13000 / 10510	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 109	Date of Summary: 05-SEP-1985	First Sample Examined: 0
Lease Number: G02941	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13375
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11352
API Well Number: 177194022101	Drilling Operator: TEXACO INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 05-SEP-1995	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9970 / 8748	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11770 /10144	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13170 /11198	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 109	Date of Summary: 06-AUG-1984	First Sample Examined: 0
Lease Number: G02941	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13050
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 11725
API Well Number: 177194033200	Drilling Operator: TEXACO INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 24-AUG-1994	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9960 / 8749	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11446 /10032	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 112	<b>Date of Summary:</b> 14-OCT-1994	<b>First Sample Examined:</b> 4700
<b>Lease Number:</b> G15646	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16579
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16011
<b>API Well Number:</b> 177204013700	<b>Drilling Operator:</b> MURPHY EXPLORATION & PRODUCTIO	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4700 - 16570	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 30-JUN-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4700	DEF AT first sample examined	DEF AT 3
5030 / 5030	DEF IN Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 4
5060 / 5060	DEF AT Upper Pliocene (Gelasian) <i>Cristellaria "S"</i>	DEF AT 5
5180 / 5180	DEF AT Upper Pliocene (Gelasian) <i>Bolivina imporcata / "P"</i>	DEF AT 5
5209 / 5209	DEF AT Upper Pliocene (Piacenzian) <i>Globorotalia multicamerata</i>	DEF AT 5
5210 / 5210	DEF AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF AT 5
5300 / 5300	DEF AT local marker foram decrease	DEF AT 3
8520 / 8518	DEF AT Upper Pliocene (Piacenzian) <i>Valvulina "H" / Alvarezina sinuata</i>	DEF AT 3
9030 / 9027	POS AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 3
9090 / 9087	DEF AT local marker foram decrease	DEF AT 3
9510 / 9505	DEF AT Lower Pliocene (Zanclian) <i>Globigerinoides mitra</i>	DEF AT 3
9660 / 9654	DEF AT <i>Cyclammia</i> sp. (local marker)	DEF AT 3
9750 / 9744	DEF AT <i>Cyclammia cancellata</i> (local marker)	DEF AT 4
9810 / 9804	DEF AT <i>Eggerella 3</i> (local marker)	DEF AT 4
10070 /10063	DEF AT local marker foram increase	DEF AT 4
10100 /10092	DEF AT local marker foram decrease	DEF AT 4
10430 /10420	DEF AT <i>Cyclammia cancellata</i> (local marker)	DEF AT 4
13520 /13153	DEF AT Upper Miocene (Messinian) <i>Textularia tatumi</i>	DEF AT 4
15040 /14507	DEF AT <i>Eggerella</i> sp. (local marker)	DEF AT 4
15940 /15378	DEF AT Upper Miocene (Messinian) <i>Bolivina denticulata</i>	DEF AT 4
16180 /15614	DEF AT Upper Miocene (Messinian) <i>Siphogenerina lamellata</i> (acme)	DEF AT 4
16360 /15794	DEF AT <i>Cyclammia cancellata</i> (local marker)	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 112	<b>Date of Summary:</b> 14-OCT-1994	<b>First Sample Examined:</b> 4700
<b>Lease Number:</b> G15646	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16579
<b>Well Name:</b> 001	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 16011
<b>API Well Number:</b> 177204013700	<b>Drilling Operator:</b> MURPHY EXPLORATION & PRODUCTIO	<b>Rkb Elevation:</b> 91
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 4700 - 16570	<b>Water Depth:</b> 260
<b>Public Info Code:</b> Y 30-JUN-1998	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16570 /16003	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 129  
 Lease Number: G12070  
 Well Name: 001  
 API Well Number: 177204013900  
 Paleo Report Num: 1 of 1  
 Public Info Code: Y 20-NOV-1995

Date of Summary: 02-OCT-1995  
 Source of Paleo: COMPLETION REPORT (WELL SUMMARY)  
 Paleo Done By: OPERATOR  
 Drilling Operator: VASTAR RESOURCES INC.  
 Sample Range: 0 - 0  
 Ecozone Eq MMS:

First Sample Examined: 0  
 Borehole MD: 15629  
 Borehole TVD: 15604  
 Rkb Elevation: 104  
 Water Depth: 345  
 Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7840 / 7839	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8020 / 8019	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13120 /13103	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
14200 /14178	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 140	Date of Summary: 20-JUN-1988	First Sample Examined: 0
Lease Number: G05682	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16570
API Well Number: 177204012100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 305
Public Info Code: Y 23-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
11220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13528 /	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-1994  
 End Date: 31-DEC-1999

Area Block: WD 140	Date of Summary: 25-OCT-1992	First Sample Examined: 6510
Lease Number: G05682	Source of Paleo: OPERATOR	Borehole MD: 16570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16570
API Well Number: 177204012100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 4500 - 16410	Water Depth: 305
Public Info Code: Y 23-OCT-1997	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 /	DEF AT first sample examined	DEF AT 3
6900 /	DEF AT -----	DEF AT 1
6960 /	DEF AT -----	DEF AT 3
6990 /	DEF AT -----	DEF AT 1
7680 /	DEF AT -----	DEF AT 3
8010 /	DEF AT -----	DEF AT 2
8430 /	DEF AT -----	DEF AT 0
8610 /	DEF AT -----	DEF AT 4
8700 /	DEF AT -----	DEF AT 3
8790 /	DEF AT -----	DEF AT 2
8970 /	DEF AT -----	DEF AT 4
9060 /	DEF AT -----	DEF AT 1
9330 /	DEF AT -----	DEF AT 2
9540 /	DEF AT -----	DEF AT 1
11040 /	DEF AT -----	DEF AT 4
11220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11340 /	DEF AT -----	DEF AT 2
11610 /	DEF AT -----	DEF AT 3
11910 /	DEF AT -----	DEF AT 0
12180 /	DEF AT -----	DEF AT 4
12270 /	DEF AT -----	DEF AT 3
12930 /	DEF AT -----	DEF AT 1

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 140	<b>Date of Summary:</b> 25-OCT-1992	<b>First Sample Examined:</b> 6510
<b>Lease Number:</b> G05682	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16570
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16570
<b>API Well Number:</b> 177204012100	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 103
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4500 - 16410	<b>Water Depth:</b> 305
<b>Public Info Code:</b> Y 23-OCT-1997	<b>Ecozone Eq MMS:</b> Y	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13200 /	DEF AT -----	DEF AT 4
13830 /	DEF AT -----	DEF AT 3
14130 /	DEF AT -----	DEF AT 4
15030 /	DEF AT -----	DEF AT 2
15270 /	DEF AT -----	DEF AT 3
15360 /	DEF AT -----	DEF AT 4
15930 /	DEF AT -----	DEF AT 3
16200 /	DEF AT -----	DEF AT 4
16350 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
16410 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 140	<b>Date of Summary:</b> 23-JUL-1991	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G05682	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 11868
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 11500
<b>API Well Number:</b> 177204012300	<b>Drilling Operator:</b> BP AMERICA PRODUCTION COMPANY	<b>Rkb Elevation:</b> 115
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 303
<b>Public Info Code:</b> Y 23-OCT-1997	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:** In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10863 /10546	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 140	Date of Summary: 18-JUL-1991	First Sample Examined: 0
Lease Number: G05682	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18556
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 18212
API Well Number: 177204012500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 303
Public Info Code: Y 23-OCT-1997	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11233 /11229	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14874 /14803	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 17-JAN-1986	<b>First Sample Examined:</b> 1500
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17723
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15799
<b>API Well Number:</b> 177204010600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 1 of 5	<b>Sample Range:</b> 1500 - 13600	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT 3
2790 / 2790	DEF AT -----	DEF AT 5
4650 / 4650	DEF AT local marker foram increase	DEF AT 5
5430 / 5430	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
6029 / 6029	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
6030 / 6030	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
7380 / 7379	DEF AT -----	DEF AT 4
8100 / 8099	DEF AT -----	DEF AT 5
8130 / 8129	DEF AT glauconite	DEF AT 5
8760 / 8756	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9360 / 9335	DEF AT -----	DEF AT 3
10740 /10525	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11130 /10837	DEF AT local marker foram increase	DEF AT 4
11700 /11284	DEF AT -----	DEF AT 5
12600 /11959	DEF AT -----	DEF AT 4
12900 /12172	DEF AT -----	DEF AT 5
13350 /12493	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
13560 /12654	DEF AT -----	DEF AT 4
13600 /12685	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 10-MAR-1986	First Sample Examined: 10177
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 17723
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15799
API Well Number: 177204010600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 2 of 5	Sample Range: 10177 - 17320	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
10177 /10064	DEF AT first sample examined	POS AT 4
10178 /10064	DEF AT cement	POS AT 4
10750 /10533	DEF AT -----	DEF AT 4
11170 /10868	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
12730 /12052	DEF AT -----	DEF AT 5
13420 /12545	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
13539 /12637	DEF AT -----	DEF AT 4
16210 /14671	DEF AT -----	DEF AT 6
16300 /14739	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
17320 /15491	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 21-APR-1986	<b>First Sample Examined:</b> 4500
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17723
<b>Well Name:</b> 002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15799
<b>API Well Number:</b> 177204010600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 3 of 5	<b>Sample Range:</b> 4500 - 13590	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT
4501 / 4501	POS AT Upper Pleistocene (Ionian) Emiliana huxleyi (base of acme)	DEF AT
4860 / 4860	DEF AT Upper Pleistocene (Ionian) Emiliana huxleyi (base of acme)	DEF AT
6210 / 6209	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7350 / 7349	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8490 / 8488	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9750 / 9693	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
13590 /12677	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 21-APR-1986	First Sample Examined: 10177
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 17723
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15799
API Well Number: 177204010600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 4 of 5	Sample Range: 10177 - 14260	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 005

**Remark:** Calcareous nannofossil report for sidetrack 1, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10177 /10064	DEF AT first sample examined	DEF AT
11230 /10916	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
14260 /13209	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 18-JUN-1986	<b>First Sample Examined:</b> 13320
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17723
<b>Well Name:</b> 002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15799
<b>API Well Number:</b> 177204010600	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 68
<b>Paleo Report Num:</b> 5 of 5	<b>Sample Range:</b> 13320 - 17700	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 006

**Remark:** Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13320 /12471	DEF AT first sample examined	DEF AT 5
13410 /12537	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
13620 /12701	DEF AT -----	DEF AT 4
16230 /14686	DEF AT -----	DEF AT 6
16290 /14731	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
16470 /14865	DEF AT drilling material	DEF AT 6
17700 /15783	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 11-APR-1988	First Sample Examined: 4560
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 19867
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 18199
API Well Number: 177204011800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 4560 - 18510	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4415	DEF AT first sample examined	DEF AT
4561 / 4416	POS AT Upper Pleistocene (Ionian) Pontosphaera indooceanica	DEF AT
5850 / 5584	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
8040 / 7586	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9270 / 8691	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
14070 /12997	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
15030 /13850	DEF AT unconformity	DEF AT
15150 /13957	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
18510 /16952	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 22-APR-1988	<b>First Sample Examined:</b> 4560
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 19867
<b>Well Name:</b> 004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 18199
<b>API Well Number:</b> 177204011800	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 74
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 4560 - 18510	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4415	DEF AT first sample examined	DEF AT 4
5220 / 5013	DEF AT -----	DEF AT 5
5820 / 5557	DEF AT -----	DEF AT 4
6120 / 5829	DEF AT -----	DEF AT 5
6150 / 5857	DEF IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
6660 / 6323	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8220 / 7750	DEF AT -----	DEF AT 3
9270 / 8691	DEF AT -----	DEF AT 5
10230 / 9551	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
10560 / 9845	DEF AT -----	DEF AT 4
11550 /10736	DEF AT -----	DEF AT 5
12000 /11143	DEF AT faunal change (no faunal increase)	DEF AT 3
12570 /11656	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
13020 /12056	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
13410 /12404	DEF AT -----	DEF AT 3
15090 /13903	DEF AT -----	DEF AT 4
15150 /13957	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15450 /14222	DEF AT -----	DEF AT 3
15960 /14673	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
16920 /15525	DEF AT -----	DEF AT 5
17100 /15686	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
17250 /15821	DEF AT -----	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 22-APR-1988	First Sample Examined: 4560
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 19867
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 18199
API Well Number: 177204011800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 4560 - 18510	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18510 /16952	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 24-MAR-1988	<b>First Sample Examined:</b> 17860
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18843
<b>Well Name:</b> 004	<b>Paleo Done By:</b> PALEO-DATA, INC.	<b>Borehole TVD:</b> 17741
<b>API Well Number:</b> 177204011801	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 1 of 3	<b>Sample Range:</b> 17860 - 19867	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17860 /16759	DEF AT first sample examined	DEF AT
17861 /16760	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
19867 /	DEF AT last sample examined	DEF AT



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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 22-APR-1988	First Sample Examined: 16000
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 18843
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17741
API Well Number: 177204011801	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 16000 - 19970	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16000 /14900	DEF AT first sample examined	DEF AT 5
16360 /15260	DEF AT -----	DEF AT 4
17050 /15950	DEF AT -----	DEF AT 6
17080 /15980	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
17230 /16129	DEF AT -----	DEF AT 5
18190 /17088	DEF AT -----	DEF AT 4
18460 /17358	DEF AT -----	DEF AT 5
19540 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
19790 /	DEF AT -----	DEF AT 5
19940 /	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 28-APR-1988	<b>First Sample Examined:</b> 13740
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 18843
<b>Well Name:</b> 004	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 17741
<b>API Well Number:</b> 177204011801	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 72
<b>Paleo Report Num:</b> 3 of 3	<b>Sample Range:</b> 13740 - 18840	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13740 /12700	DEF AT first sample examined	DEF AT 3
14910 /13814	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15180 /14081	DEF AT -----	DEF AT 3
15660 /14560	DEF AT -----	DEF AT 4
15720 /14620	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
16440 /15340	DEF AT -----	DEF AT 6
16530 /15430	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
16740 /15640	DEF AT -----	DEF AT 4
18539 /17437	DEF AT Bathysiphon fauna	DEF AT 5
18540 /17438	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
18750 /17648	DEF AT -----	DEF AT 6
18810 /17708	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 23-OCT-1985	<b>First Sample Examined:</b> 1550
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17865
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 17032
<b>API Well Number:</b> 177204010300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 69
<b>Paleo Report Num:</b> 1 of 5	<b>Sample Range:</b> 1550 - 13568	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1550 / 1550	DEF AT first sample examined	DEF AT 3
2660 / 2660	DEF AT sample gap top	POS AT 3
3019 / 3019	DEF AT sample gap bottom	DEF IN 5
3020 / 3020	POS AT local marker foram increase	DEF IN 5
4050 / 4050	DEF AT -----	DEF AT 6
5370 / 5370	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 5
5970 / 5969	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
7370 / 7368	DEF AT -----	DEF AT 4
8100 / 8092	DEF AT -----	DEF AT 5
8160 / 8150	DEF AT glauconite	DEF AT 5
8819 / 8779	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8820 / 8780	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11430 /11127	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11820 /11483	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
12330 /11949	DEF AT -----	DEF AT 5
13020 /12580	DEF AT -----	DEF AT 4
13568 /13080	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 23-OCT-1985	<b>First Sample Examined:</b> 8405
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17865
<b>Well Name:</b> A001	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 17032
<b>API Well Number:</b> 177204010300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 69
<b>Paleo Report Num:</b> 2 of 5	<b>Sample Range:</b> 8405 - 17100	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 004

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8405 / 8388	DEF AT first sample examined	DEF AT
8406 / 8389	DEF AT cement	DEF AT
8970 / 8918	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
9210 / 9137	DEF AT -----	DEF AT 3
11210 /10927	DEF AT -----	DEF AT 5
11250 /10964	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11670 /11345	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11850 /11510	DEF AT -----	DEF AT 4
13680 /13183	DEF AT -----	DEF AT 3
14070 /13543	DEF AT -----	DEF AT 4
14279 /13738	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5
14280 /13739	DEF AT Eggerella sp. (local marker)	DEF AT 5
14640 /14072	DEF AT -----	DEF AT 4
15330 /14715	DEF AT -----	DEF AT 5
15479 /14856	POS AT unconformity	DEF AT 6
15480 /14856	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
15720 /15080	DEF AT -----	DEF AT 5
16320 /15636	DEF AT -----	DEF AT 4
17100 /16346	DEF AT last sample examined	DEF AT 4

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 23-OCT-1985	First Sample Examined: 15400
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 17865
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17032
API Well Number: 177204010300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 69
Paleo Report Num: 3 of 5	Sample Range: 15400 - 17865	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 006

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15400 /14781	DEF AT first sample examined	DEF AT 5
15401 /14782	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
15490 /14866	DEF AT - - - - -	DEF AT 4
17099 /16345	POS AT gouge	DEF AT 6
17100 /16346	POS IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
17101 /16347	DEF AT Bathysiphon fauna	DEF AT 6
17369 /16580	POS IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 7
17370 /16581	DEF AT gouge	DEF AT 7
17519 /16711	DEF AT gypsum	DEF AT 7
17520 /16712	DEF AT salt	DEF AT 7
17865 /17032	DEF AT last sample examined	DEF AT 7

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 10-MAR-1986	First Sample Examined: 1550
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 17865
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17032
API Well Number: 177204010300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 69
Paleo Report Num: 4 of 5	Sample Range: 1550 - 13560	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1550 / 1550	DEF AT first sample examined	DEF AT
1551 / 1551	DEF IN Upper Pleistocene (Ionian) Emiliana huxleyi (base of acme)	DEF AT
4590 / 4590	DEF AT unconformity	DEF AT
4620 / 4620	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7110 / 7108	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9120 / 9055	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10980 /10719	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11730 /11400	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11740 /11409	DEF AT unconformity	DEF AT
11760 /11428	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13560 /13073	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 10-MAR-1986	<b>First Sample Examined:</b> 8400
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17865
<b>Well Name:</b> A001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 17032
<b>API Well Number:</b> 177204010300	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 69
<b>Paleo Report Num:</b> 5 of 5	<b>Sample Range:</b> 8400 - 17820	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 005

**Remark:** Calcareous nannofossil report for sidetrack 1, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 8384	DEF AT first sample examined	DEF AT
8401 / 8385	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9150 / 9082	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10500 /10291	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11490 /11181	DEF AT unconformity	DEF AT
11520 /11209	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17430 /16633	DEF AT unconformity	DEF AT
17460 /16659	DEF AT Upper Oligocene (Chatian) Dictyococcites bisectus	DEF AT
17820 /16990	DEF AT last sample examined	DEF AT

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 06-OCT-1986	First Sample Examined: 4460
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 16101
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15701
API Well Number: 177204010900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 4460 - 16070	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 / 4433	DEF AT first sample examined	DEF AT 5
5660 / 5578	DEF AT local marker foram increase	DEF AT 5
6229 / 6118	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
6230 / 6119	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7850 / 7651	DEF AT - - - - -	DEF AT 3
8420 / 8192	DEF AT local marker foram increase	DEF AT 4
8690 / 8449	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9530 / 9252	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10760 /10429	DEF AT - - - - -	DEF AT 3
11540 /11177	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11900 /11526	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
12140 /11760	DEF AT sample gap top	POS AT 4
12170 /11789	DEF AT sample gap bottom	DEF AT 3
13310 /12913	DEF AT cement	DEF AT 4
13400 /13002	DEF AT - - - - -	DEF AT 3
14030 /13631	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
14210 /13811	DEF AT - - - - -	DEF AT 3
14840 /14440	DEF AT - - - - -	DEF AT 5
14900 /14500	DEF AT - - - - -	DEF AT 6
14989 /14589	DEF AT Bathysiphon fauna	DEF AT 6
14990 /14590	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
15110 /14710	DEF AT - - - - -	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 06-OCT-1986	<b>First Sample Examined:</b> 4460
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16101
<b>Well Name:</b> A002	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 15701
<b>API Well Number:</b> 177204010900	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 4460 - 16070	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15860 /15460	DEF AT gypsum	DEF AT 6
16070 /15670	DEF AT last sample examined	DEF AT 6

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 03-NOV-1986	First Sample Examined: 4470
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 16101
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 15701
API Well Number: 177204010900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 4470 - 16070	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4442	DEF AT first sample examined	DEF AT
4471 / 4443	POS IN Upper Pleistocene (Ionian) Pontosphaera indooceanica	DEF AT
5540 / 5463	POS AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
7340 / 7169	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
7790 / 7594	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8840 / 8592	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11570 /11206	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11750 /11380	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14870 /14470	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
15290 /14890	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
16010 /15610	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
16070 /15670	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 03-DEC-1986	First Sample Examined: 13410
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 16350
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15761
API Well Number: 177204010901	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 13410 - 17250	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

## Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13410 /13012	DEF AT first sample examined	POS AT 4
13411 /13013	DEF AT cement	POS AT 4
13830 /13427	DEF AT -----	DEF AT 4
14100 /13687	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
15090 /14594	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
15210 /14704	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
15300 /14787	DEF AT -----	DEF AT 5
16860 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
17070 /	DEF AT gypsum	DEF AT 6
17250 /	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 04-MAR-1987	<b>First Sample Examined:</b> 13410
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 16350
<b>Well Name:</b> A002	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 15761
<b>API Well Number:</b> 177204010901	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 70
<b>Paleo Report Num:</b> 2 of 2	<b>Sample Range:</b> 13410 - 17250	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 003

**Remark:** Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13410 /13012	DEF AT first sample examined	DEF AT
13411 /13013	DEF IN Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
16530 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
17250 /	DEF AT last sample examined	DEF AT

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 23-APR-1991	First Sample Examined: 9100
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 16318
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15482
API Well Number: 177204012700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 9100 - 14260	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 9092	DEF AT first sample examined	DEF AT 4
11500 /11181	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11830 /11466	DEF AT -----	DEF AT 4
14260 /13600	DEF AT last sample examined	DEF AT 4

*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 143	<b>Date of Summary:</b> 23-APR-1991	<b>First Sample Examined:</b> 13170
<b>Lease Number:</b> G04475	<b>Source of Paleo:</b> OPERATOR	<b>Borehole MD:</b> 17565
<b>Well Name:</b> A003	<b>Paleo Done By:</b> CROSBIE-MACOMBER	<b>Borehole TVD:</b> 16363
<b>API Well Number:</b> 177204012701	<b>Drilling Operator:</b> MARATHON PETROLEUM COMPANY	<b>Rkb Elevation:</b> 114
<b>Paleo Report Num:</b> 1 of 2	<b>Sample Range:</b> 13170 - 16300	<b>Water Depth:</b> 369
<b>Public Info Code:</b> Y 09-APR-1994	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13170 /12630	DEF AT first sample examined	POS AT 4
13171 /12631	DEF AT cement	POS AT 4
13420 /12843	DEF AT -----	DEF AT 4
14020 /13339	DEF AT drilling material	DEF AT 4
15460 /14540	DEF AT -----	DEF AT 5
15549 /14616	DEF AT Bathysiphon fauna	DEF AT 5
15550 /14616	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15640 /14693	DEF AT -----	DEF AT 4
15790 /14822	DEF AT -----	DEF AT 5
15820 /14847	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
16210 /15185	DEF AT domal material	DEF AT 6
16300 /15263	DEF AT last sample examined	DEF AT 6

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

Area Block: WD 143	Date of Summary: 23-APR-1991	First Sample Examined: 13150
Lease Number: G04475	Source of Paleo: OPERATOR	Borehole MD: 17565
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16363
API Well Number: 177204012701	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 13150 - 17565	Water Depth: 369
Public Info Code: Y 09-APR-1994	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13150 /12612	DEF AT first sample examined	DEF AT 4
13151 /12613	DEF AT cement	DEF AT 4
14500 /13738	DEF AT -----	DEF AT 5
14890 /14062	DEF AT poor sample interval top	DEF AT 4
15729 /14769	DEF AT poor sample interval bottom	DEF AT 4
15730 /14770	DEF AT -----	DEF AT 5
15848 /14872	POS AT unconformity	DEF AT 5
15849 /14872	DEF AT Bathysiphon fauna	DEF AT 5
15850 /14873	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
15851 /14874	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
16209 /15184	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
16210 /15185	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
16390 /15341	DEF AT -----	DEF AT 4
16780 /15680	DEF AT -----	DEF AT 5
17500 /16307	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
17530 /16333	DEF AT last sample examined	DEF AT 5

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*Paleo for Public Release (Date Specific)*

Start Date: 01-JAN-1994

End Date: 31-DEC-1999

<b>Area Block:</b> WD 144	<b>Date of Summary:</b> 18-MAY-1995	<b>First Sample Examined:</b> 0
<b>Lease Number:</b> G12073	<b>Source of Paleo:</b> COMPLETION REPORT (WELL SUMMARY)	<b>Borehole MD:</b> 16067
<b>Well Name:</b> 001	<b>Paleo Done By:</b> OPERATOR	<b>Borehole TVD:</b> 16057
<b>API Well Number:</b> 177204013800	<b>Drilling Operator:</b> LOUISIANA LAND AND EXPLORATION COMPANY	<b>Rkb Elevation:</b> 89
<b>Paleo Report Num:</b> 1 of 1	<b>Sample Range:</b> 0 - 0	<b>Water Depth:</b> 387
<b>Public Info Code:</b> Y 20-NOV-1995	<b>Ecozone Eq MMS:</b>	<b>Paleo ID:</b> 001

**Remark:**

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13250 /13245	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14470 /14463	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14740 /14733	DEF AT Upper Miocene (Messinian) Discoaster quinqueram us	DEF AT
15740 /15731	DEF AT salt	DEF AT