

Report ID: 940001 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN STREET, PO BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/05/1994 Date Received: 01/05/1994
Reporting Official's Name: JOHN B. VRABLE
Title: MANAGER, STDS & QUAL. ASSUR. Phone: 3046238468
Determining Person's Name: JACK ADAMS
Title: ADMINISTRATOR, CODES AND STDS Phone: 3046238410
Date condition Determined to Exist: 12/31/1993
Condition Location: City: BOMONT State: WV

Specific Location: 20" TL-272 1261+40
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
6. Leak that constitutes an emergency (gas, LNG, liquid)
Product in Pipeline: NATURAL GAS
Description of Condition: LEAK WITHIN 300' OF A HOUSE
Discovery Circumstances: WHILE INSTALLING ANODES, EMPLOYEE DISCOVERED
LEAK
Significant Effects on Safety: NONE REPORTED
Corrective Action Taken: PRESSURE REDUCED TO SAFE LEAK REPAIRABLE
PRESSURE.
20" BAND CLAM AND ANODE INSTALLED, NORMAL PRESSURE
RESUMED

Shutdown: NO
Date Action Taken: 12/28/1993
Planned Follow-Up/Corrective Action: NONE REPORTED

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/07/1993 Region: EASTERN
Date Sent To State: 01/07/1993 State/Agency: WV
OPS Representative: ROGER LITTLE
Date: 01/07/1993

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/25/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Use a 20-in band clamp to repair a localized corrosion pitting. This permanent repair was completed on 12/28/1993.

Date Repair Completed: 12/28/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Request for concurrence to close this SRCR.

Prepared by: Phillip Nguyen

Reviewed by: William Gute

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940002 Condition Number(s): 2
Operator Name: TEXACO PIPELINE INCORPORATED OPID: 19226
Street Address: P.O. BOX 600
City: WICHITA FALLS State: TX ZIP: 76307

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 01/18/1994 Date Received: 01/18/1994
Reporting Official's Name: DAVID SEATON
Title: DISTRICT MANAGER Phone: 8177230761
Determining Person's Name: DAVID SEATON
Title: DISTRICT MANAGER Phone: 8177230761
Date condition Determined to Exist: 01/18/1994
Condition Location: City: COTTON COUNTY State: OK

Specific Location: RED RIVER CROSSING, N E CORNER, SW 1/4, NE 1/4, SECTION
14 T5S, R10W, COTTON COUNTY, OKLAHOMA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NOT REPORTED

Description of Condition: THE NORTH TOWER OF THE PIPE LINE RIVER CROSSING
COLLAPSED WHILE BEING REPAIRED. APPROXIMATELY 500
FEET OF THE PIPE LINE IS LAYING ON THE GROUND. THERE
HAS BEEN NO LEAK.

Discovery Circumstances: DISCOVERED DURING REPAIR OPERATIONS.

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PIPE LINE SHUT DOWN AND BLOCK VALVES ON EACH SIDE
OF

THE RIVER WERE CLOSED. DAMAGED SECTION WILL BE
DRAINED. DAMAGED PIPE WILL BE REPLACED. PERMANENT
CROSSING WILL BE INSTALLED AS SOON AS PRACTICAL.

Shutdown: YES

Date Action Taken: 01/18/1994

Planned Follow-Up/Corrective Action: PERMANENT CROSSING WILL BE INSTALLED AS
SOON AS POSSIBLE.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/19/1994 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA

Date: 01/19/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/21/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called David Seaton, Manager of the Wichita Falls District. He reports the Red River board crossing is completed and the line returned to normal operation. SRC is completed.

Action Taken By Operator: Corrected the SRC by Boring under the Red River and replacing the bridge crossing.

Date Repair Completed: 03/21/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/25/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Monitoring operator actions.

Action Taken By Operator: Pipe disconnected and a temporary 16 " line
installed and placed in service.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris Miley

Reviewed by: J C Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940003 Condition Number(s): 10D
Operator Name: UNOCAL OPID: 25140
Street Address: 2323 KNOLL DRIVE
City: VENTURA State: CA ZIP: 93006

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 01/18/1994 Date Received: 01/18/1994
Reporting Official's Name: JACK HOWES
Title: DOT SPECIALIST Phone: 8056502496
Determining Person's Name: JACK HOWES
Title: Phone:
Date condition Determined to Exist: 01/17/1994
Condition Location: City: ALL COASTAL CA. LINES State: CA

Specific Location: ALL COASTAL CALIFORNIA GAS LINES
Occurred on Outer Continental Shelf: YES
Reason for Reporting:
Product in Pipeline: GASOLINE, CRUDE OIL
Description of Condition: EARTHQUAKE
Discovery Circumstances: EARTHQUAKE
Significant Effects on Safety: NONE REPORTED
Corrective Action Taken: SHUT DOWN GAS LINES. CONDUCTED VISUAL LINE
INSPECTIONS. PRESURE TESTED LINES AND VISUALLY
INSPECTED FOR LEAKS. NO LEAKS FOUND. ALL LINES
MAINTAINED TEST PRESSURE. RETURNED LINES TO SERVICE.

Shutdown: YES
Date Action Taken:
Planned Follow-Up/Corrective Action: NO LEAKS FOUND. NO SAFETY RELATED
CONDITION FOLLOWUP REPORTS REQUIRED. THIS
ITEM WILL BE LOGGED AS A CLOSED SRCR
REPORT.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/25/1994 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 01/25/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/01/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: N/A

Action Taken By Operator: EARTHQUAKE ON 17 JAN 94. UNOCAL SHUT DOWN GAS LINES,

CONDUCTED VISUAL LINE INSPECTIONS, PRESSURE TESTED LINES AND VISUALLY INSPECTED FOR LEAKS. NO LEAKS FOUND. ALL LINES MAINTAINED TEST PRESSURE. LINES RETURNED TO SERVICE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NO FOLLOW UP SRCR'S FORTHCOMING. THIS IS A CLOSED SRCR.

Prepared by: KATCHMAR

Reviewed by: BARRETT

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940004 Condition Number(s): 9
Operator Name: KOCH GATHERING SYSTEMS, INC. OPID: 10319
Street Address: 14101 ACME
City: SHAWNEE State: OK ZIP: 74801

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 02/03/1994 Date Received: 02/03/1994
Reporting Official's Name: JIM HENRY
Title: REGULATIONS COORDINATOR Phone: 4058784122
Determining Person's Name: RONNY DAVENPORT
Title: OPERATIONS SUPERVISOR Phone: 4058784145
Date condition Determined to Exist: 01/28/1994
Condition Location: City: GARVIN COUNTY State: OK

Specific Location: NW/4 SE/4 SECTION 15-T3N-R1W, GARVIN, COUNTY, OK
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)
9. Other: PIPELINE SUSPENDED

Product in Pipeline: CRUDE OIL

Description of Condition: RUSH CREEK WASHED OUT UNDER 10" PIPELINE LEAVING PIPELINE SUSPENDED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE LOWERING OR REPLACEMENT OF THE CREEK CROSSING IS

SCHEDULED TO BEGIN FEBRUARY 9, 1994.

Shutdown: NO

Date Action Taken: 02/09/1994

Planned Follow-Up/Corrective Action: THE LOWERING OR REPLACEMENT OF THE CREEK

CROSSING IS SCHEDULED TO BEGIN 2/9/94.

To Begin: 02/09/1994 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 02/04/1994 Region: SOUTHWES

Date Sent To State: 02/04/1994 State/Agency: OK CC

OPS Representative: MICHELLE M. SILVA

Date: 01/04/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/16/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted operator and confirmed that the NRC
was corrected.

Action Taken By Operator: Operator lowered the line and backfilled it. Work
completed on Feb. 15, 1994.

Date Repair Completed: 02/15/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris E. Miley

Reviewed by: Jaames C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940005 Condition Number(s): 2
Operator Name: NORTHWESTERN PUBLIC SERVICE COMPANY OPID:
Street Address: 33 3RD S.T., S.E.
City: HURON State: SD ZIP: 57350

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/03/1994 Date Received: 03/03/1994
Reporting Official's Name: W.D. CRAIG
Title: VICE PRESIDENT-GAS OPERATIONS Phone: 6053528411
Determining Person's Name: CURT POHL
Title: MANAGER-GAS OPERATIONS Phone: 6053528411
Date condition Determined to Exist: 02/18/1994
Condition Location: City: LABOLT State: SD

Specific Location: NORTHWEST PUBLIC SERVICE COMPANY, REGULATOR STATION,

LABOLT DISTRIBUTION SYSTEM, LABOLT, SD

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)
9. Other: FLOODING ICE/WATER

Product in Pipeline: NATURAL GAS

Description of Condition: FEBRUARY 18, 1994 AN OVER PRESSURE SITUATION WAS DISCOVERED ON A SMALL NAT.GAS DISTRIBUTION SYSTEM. THE CONDITION WAS DUE TO THE MAIN REGULATOR STATION BEING FLOODED WITH WATER AND ICE.

Discovery Circumstances: AT 5:00 P.M. A CUSTOMER REPORTED BLOWING GAS AT HIS SERVICE REGULATOR. GASMAN WAS DISPATCHED TO THE RESIDENCE

Significant Effects on Safety: NONE

Corrective Action Taken: THE PLUGGED CULVERT WAS CLEARED ALLOWING WATER TO

DRAIN. ALL REGULATORS IN STATION WERE REPLACED. VENT LINES HAVE BEEN EXTENDED HIGH ENOUGH TO PREVENT REACCURENCE. COMPLETE LEAK SURVEY DONE. REVIEW OF SYS.

Reduced Pressure From (PSI): 60 to (PSI): 55

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PERIODIC LEAK SURVEYS WILL BE CONDUCTED AND DETERMINATION/CORRECTION OF ALL

POSSIBLE DAMAGE COMPLETED BY 5/15/94.

To Begin: 02/19/1994 To Be Completed By: 05/15/1994
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 03/07/1994 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 03/07/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/15/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The Central Region requested that NWPSC have samples of the plastic pipe examined to make sure that the pipe was not damaged by overpressuring the system.

Action Taken By Operator: Northwestern Public Service has replaced all of the Fisher S402 regulators in its system at Labolt. NWPSC will remove a test sample of Plexco plastic pipe from the distribution system in late April, 1994 to determine if any damage to the pipe has been caused by overpressuring the system to 340 psig. NWPSC pressure tested the Labolt Distribution System to 90 psig for 8 hours on 4/21/94. After the testing was completed the system was returned to an operating pressure of 30 psig.

Date Repair Completed: 04/21/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Plastic pipe samples that were a part of the system during overpressuring were sent to Plexco for testing. Results from Plexco show that the pipe meets current ASTM D2513 specifications and were not affected by the over pressurization. The system was leak surveyed the day after the overpressuring occurred and during the pressure test. No leaks were found. (This report is being filed 10/26/94. The FOLLOW-UP DATE could not be revised.)

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940007 Condition Number(s): 8
Operator Name: ILLINOIS POWER COMPANY OPID: 8040
Street Address: 500 SOUTH 27TH STREET, P.O. BOX 511
City: DECATUR State: IL ZIP: 62525-1805

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/17/1994 Date Received: 03/17/1994
Reporting Official's Name: GLEN E. CARTER
Title: SUPERVISOR-GAS QUALITY PROG. Phone: 2174246853
Determining Person's Name: JOHN PULLEY
Title: TRANSMISSION ENGINEER Phone: 2174246857
Date condition Determined to Exist: 03/15/1994
Condition Location: City: MADISON COUNTY - WORDEN State: IL

Specific Location: 1/4 MILE NORTH OF KELL ROAD IN MADISON COUNTY, WORDEN
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ON MARCH 11, 1994, A GAS LEAK WAS REPORTED NEAR THE NORTH EDGE OF THE TOWN OF WORDEN, ILLINOIS. THE LEAK WAS LOCATED ON AN 8" 0 TRANSMISSION LINE WITH AN MAOP OF 400#. THE CAUSE OF THE LEAK WAS CORROSION.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE LEAK WAS REPAIRED AND MADE SAFE ON MARCH 11, 1994.F.I. SURVEY OF THE VICINITY TO CHECK FOR ADDITIONAL LEAKAGE. 12 FOOT LONG AREA OF GENERAL CORROSION WILL BE REMOVED AND REPLACED WITH COATED PRETESTED PIPE.

Reduced Pressure From (PSI): 400 to (PSI): 360

Shutdown: NO

Date Action Taken: 03/16/1994

Planned Follow-Up/Corrective Action: REPLACE CORROSION WITH COATED AND PRE-TESTED PIPE BY 5/16/94. WHEN COMPLETED AND FOLLOW-UP DONE RAISE PRESSURE TO 400#MAOP

To Begin: 03/15/1994 To Be Completed By: 05/16/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/25/1994 Region: CENTRAL

Date Sent To State: 03/25/1994 State/Agency: IL CC
OPS Representative: MICHELLE SILVA
Date: 03/25/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/21/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: PIPE REPLACED

Date Repair Completed: 03/21/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSEN

Reviewed by: IVAN HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940008 Condition Number(s): 8
Operator Name: VIRGINIA NATURAL GAS OPID:
Street Address: 5100 VIRGINIA BEACH BOULEVARD
City: NORFOLK State: VA ZIP: 23502

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/25/1994 Date Received: 03/28/1994
Reporting Official's Name: KENNETH BURGESS
Title: CONSTRUCTION SUPERVISOR Phone: 8048736226
Determining Person's Name: DONALD L. WHITE
Title: MANAGER-CODES Phone: 8044665422
Date condition Determined to Exist: 03/22/1994
Condition Location: City: NEWPORT NEWS State: VA

Specific Location: INTERSECTION OF NETTLES DRIVE & OYSTER PT. ROAD
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: CRACK IN THE BODY OF A 12" 200 CWP GRAY IRON FLANGED

PLUG VALVE.

Discovery Circumstances: GAS ODOR WAS REPORTED NEAR VALVE LOCATION. INVESTIGATION OF LEAK RESULTED IN DISCOVERY OF CRACKED VALVE.

Significant Effects on Safety: LEAK HAS BEEN DEFINED AS A CLASS 1 LEAK. POTENTIAL FOR GAS MIGRATION TO UNDERGROUND STRUCTURES AND ENDANGER GENERAL PUBLIC AND PROPERTY.

Corrective Action Taken: VALVE WAS EXCAVATED, LEAKING GAS IS BEING CONTINUOUSLY VENTED TO ATMOSPHERE. A STREET TURN LANE HAS BEEN BARRICADED TO ROUTE TRAFFIC AROUND LEAK. AREA IS MONITORED A MINIMUM OF TWICE DAILY TO ENSURE NO MIGRATION. PRESSURE ON MAINE HAS BEEN REDUCED.

Reduced Pressure From (PSI): 125 to (PSI): 85

Shutdown: NO

Date Action Taken: 03/28/1994

Planned Follow-Up/Corrective Action: THE CRACKED VALVE WILL BE TAKEN OUT OF LINE AND REPLACED WITH NEW VALVE IN ORDER TO ACCOMPLISH THE WORK THE MAIN MUST BE

STOPPED OFF WITH SPECIAL EQUIPMENT.

To Begin: 03/28/1994 To Be Completed By: 03/29/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/30/1994 Region: EASTERN
Date Sent To State: 03/30/1994 State/Agency: VA.C.C
OPS Representative: MICHELLE M. SILVA
Date: 03/29/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/17/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Valve was repaired and system was returned to full service.

Date Repair Completed: 03/29/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: VA SCC performed investigation of this report.

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940009 Condition Number(s): 1
Operator Name: KOCH HYDROCARBON INC. OPID:
Street Address: BOX 29
City: MEDFORD State: OK ZIP: 73759

System Type: NOT REPORTED Inter/Intrastate: INTERSTATE

Date of Report: 03/30/1994 Date Received: 03/30/1994
Reporting Official's Name: JERRY ROGERS
Title: REGULATIONS SUPERVISOR Phone: 4053952377
Determining Person's Name: KEN DAYTON
Title: ASSISTANT DIVISION MANAGER Phone: 4053952377
Date condition Determined to Exist: 03/24/1994
Condition Location: City: CARRIER State: OK

Specific Location: CARRIER, OKLAHOMA IN THE COUNTY OF MAJOR N2 1/4 S25 T
23N R 9W

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LPG

Description of Condition: GENERAL CORROSION ON LINE PIPE.

Discovery Circumstances: DURING VALVE CHANGE OUT. UNCOVERED LINE PIPE
AND

NOTICED GENERAL CORROSION.

Significant Effects on Safety: NONE

Corrective Action Taken: REDUCED LINE PRESSURE AND WILL REPLACE WITH TWO
JOINTS OF TESTED LINE PIPE.

Shutdown: NO

Date Action Taken: 04/04/1994

Planned Follow-Up/Corrective Action: N/A

To Begin: To Be Completed By: 04/06/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 04/01/1994 Region: SOUTHWES
Date Sent To State: 04/01/1994 State/Agency: OK C.C.
OPS Representative: MICHELLE M. SILVA
Date: 04/01/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/01/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State of Oklahoma did an on site inspection.

Action Taken By Operator: Replaced two joints of pipe and lowered line

Date Repair Completed: 04/06/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940010 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE COMPANY OPID:
Street Address: 5080 CALIFORNIA AVENUE SUITE 400
City: BAKERSFIELD State: CA ZIP: 93309-1671

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 02/09/1994 Date Received: 04/01/1994

Reporting Official's Name: J.L. FOSTER

Title: Phone: 8056321058

Determining Person's Name: B.A. CASTOR

Title: Phone: 8056321043

Date condition Determined to Exist: 01/28/1994

Condition Location: City: REDONDO BEACH, TORRENCE State: CA

Specific Location: MP 2.6 CITY OF REDONDO BEACH NORTH OF
166TH/INGLEWOOD,
MP 10.9 CITY OF TORRENCE, SOUTH OF PACIFIC COAST
HIGHWAY, MP 12.8 CITY OF LOS ANGELES, IN NAVY DFSC
PROPERTY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)
8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: JP-8 AIRLINE FUEL

Description of Condition: POTENTIAL SAFETY RELATED CONDITION DUE TO CORROSION.

A BRITISH GAS HIGH RESOLUTION SMART PIG INSPECTED THE PIPELINE AND IDENTIFIED POSSIBLE CORRODED AREAS. THE CORROSION HAD NOT BEEN VERIFIED AS OF FEBRUARY 2, 1994.

Discovery Circumstances: JANUARY 28, 1994. DATE CHEVRON COMPLETED THE ANALYSIS OF THE BRITISH GAS INSPECTION SERVICES REPORT AND LOWERED THE OPERATING PRESSURE OF THE PIPELINE.

Significant Effects on Safety: NONE

Corrective Action Taken: THE MAXIMUM DISCHARGE PRESSURE OF THE PUMP AT EL SEGUNDO REFINERY HAS BEEN DECREASED TO 270 PSI UNTIL REPAIRS ARE MADE TO THE PIPELINE. A PIPE REPLACEMENT PROJECT IS CURRENTLY UNDERWAY. CORRODED PIPE REPLACED BY APRIL 15, 1994.

Shutdown: NO

Date Action Taken: 02/02/1994

Planned Follow-Up/Corrective Action: PIPE REPLACEMENT PROJECT IS UNDERWAY
CURRENTLY AND THE CORRODED PIPE IS
SCHEDULE TO BE REPLACED BY 4/15/1994

To Begin: To Be Completed By: 04/15/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 04/04/1994 Region: WESTERN

Date Sent To State: 04/04/1994 State/Agency: F.MARSH

OPS Representative: MICHELLE M. SILVA

Date: 04/04/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/04/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED CHEVRON 4 APRIL 94 TO CONFIRM SRCR. CHEVRON CONFIRMED INFORMATION CONTAINED IN WRITTEN REPORTS. ON 24 MARCH 94, CHEVRON SENT A FOLLOW UP LETTER TO OPS - HQ STATING THAT THE REPAIRS HAD BEEN COMPLETED AND THE PRESSURE IN THE LINE HAD BEEN RETURNED TO 600 PSI, THE ORIGINAL MAOP OF THE SYSTEM.

Action Taken By Operator: DISCOVERY: 1/3/94 CHEVRON RECEIVED PIG REPORT. DETERMINATION: 1/28/94 CHEVRON COMPLETED ANALYSIS OF PIG REPORT AND LOWERED OPERATING PRESSURE. CHEVRON SCHEDULED REPAIRS TO THE LINE - TO BE COMPLETED BY 15 APRIL 94. REPAIRS: WERE COMPLETED ON 24 MARCH 94. A TOTAL OF 1.4 MILES OF PIPE WAS REPLACED IN SEVEN DIFFERENT LOCATIONS FROM STATION 14064 TO STATION 69499. MAOP OF LINE RETURNED TO 600 PSI.

Date Repair Completed: 03/24/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: RECOMMEND CLOSE CASE.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940011 Condition Number(s): 1
Operator Name: SUN PIPE LINE COMPANY OPID:
Street Address: 1801 MARKET STREET, 26TH FLOOR
City: PHILADELPHIA State: PA ZIP: 19103

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/30/1994 Date Received: 04/04/1994
Reporting Official's Name: MIRA DELVADIA
Title: CORROSION SUPERVISOR Phone: 2159773364
Determining Person's Name: BRYAN MELAN
Title: SR. PIPELINE ENGINEER Phone: 2159773397
Date condition Determined to Exist: 03/28/1994
Condition Location: City: PHILLY TO SINKING SPRINGS State: PA

Specific Location: PHILADELPHIA TO SINKING SPRINGS, PA A DISTANCE OF
APPROXIMATELY 60 MILES, PHILLY, DELAWARE, CHESTER, AND
BERK COUNTIES PENNSYLVANIA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: GASOLINE, JET FUELS

Description of Condition: INSPECTION REPORT FROM BRITISH GAS IDENTIFIED
AREAS

OF CORROSION DAMAGE AND ESTIMATED THEIR DIMENSIONS.

Discovery Circumstances: INSPECTION REPORTS FROM BRITISH GAS

Significant Effects on Safety: NONE

Corrective Action Taken: A NUMBER OF ANOMALIES ARE TO INVESTIGATED BASED
ON

THE SPILL AREA STANDARDS, AND A NUMBER OF REQUIRED
REPAIRS ARE TO BE MADE.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: MORE INVESTIGATIONS AND MORE TESTING.

To Begin: 03/28/1994 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 04/04/1994 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE M. SILVA

Date: 04/04/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/05/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Replacement of about 2 miles of pipeline were completed 10/24/97. It is requested to close this one.

Date Repair Completed: 10/24/1997

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phillip Nguyen

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/15/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: Sun updated status by a letter dated 5/6/97:the remaining anomaly is under Boot Road. The relocation is scheduled later this year (section 5, of spreadsheet report). British Gas report available after 5/30/97 for the run in 12/96.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phillip Nguyen

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/06/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Request British Gas preliminary report from
12/9/96 run

Action Taken By Operator: Run a British Gas smart pig 12/9/96. Reprt expected
4/1/97.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phillip Nguyen

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/17/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Request classification for anomalies

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes: Sun updated by a letter dated 8/29/96 stating problems in ROW for excavations

Prepared by: Phillip Nguyen

Reviewed by:

 Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/29/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: 2 anomalies waiting for ROW permit to investigate on
this 12" line.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: PHILLIP NGUYEN

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/12/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: Repair underway with schedule mailed to Eastern
Region in 7/94.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phillip Nguyen

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940012 Condition Number(s): C
Operator Name: CENTRAL HUDSON GAS & ELECTRIC CORPORATION OPID:
2196

Street Address: 248 SOUTH AVENUE
City: POUGHKEEPSIE State: NY ZIP: 12601

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/18/1994 Date Received: 04/20/1994
Reporting Official's Name: DAVID W. MERTE
Title: DIRECTOR - GAS OPERATIONS Phone: 9144865521
Determining Person's Name: BARRY R. WORTH
Title: DIVISION MANAGER Phone: 9145634535
Date condition Determined to Exist: 04/15/1994
Condition Location: City: TUXEDO State: NY

Specific Location: WITHIN ARE OF THE CASED CROSSING OF LONG MEADOW RD IN
TUXEDO (ORANGE COUNTY), NY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: GAS

Description of Condition: WHILE PERFORMING A ROUTINE LEAK SURVEY OF
FACILITY,

A COMBUSTIBLE GAS WAS INDICATED ON THE FLAME
IONIZATION LEAK DETECTOR AND CLASSIFIED IN
ACCORDANCE. SUBSEQUENT EXCAVATION AND DEWATERING OF
THE WORK AREA CONFIRMED THAT THE LEAK WAS LOCATED ON
A NEIGHBORING UTILITY'S GAS DISTRIBUTION PIPING
WHICH CROSSED DIRECTLY BENEATH CENTRAL HUDSON'S
TRANSMISSION PIPING. N LEAK DETECTOR AND CLASSIFIED
IN ACCORDANCE. LEAK IS SUSPECTED TO BE IN THE AREA
OF THE CASED CROSSING OF LONG MEADOW ROAD. LOCATION
OF THE LEAK

Discovery Circumstances: DISCOVERED WHILE PERFORMING A ROUTINE LEAK
SURVEY

OF FACILITY. A COMBUSTIBLE GAS WAS INDICATED ON
THE FLAME IONIZATION LEAK DETECTOR.

Significant Effects on Safety: NONE

Corrective Action Taken: AFTER DETERMINING THAT A LEAK EXISTED, THE SECTION
OF

THE MAIN CONTAINING THE LEAK WAS SHUT DOWN AND
DE-PRESSURIZED.

Shutdown: YES

Date Action Taken: 04/15/1994

Planned Follow-Up/Corrective Action: REMOVE AND REPLACE THE LEAKING SECTION
OF

THE PIPELINE (ONCE THE ONGOING FIELD WORK
CONFIRMS THE LOCATION OF A LEAK). BEGIN
ON OR BEFORE 4/22/1994.

To Begin: 04/22/1994 To Be Completed By: 05/06/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 04/21/1994 Region: EASTERN

Date Sent To State: 04/21/1994 State/Agency: NY PSC

OPS Representative: MICHELLE M. SILVA

Date: 04/21/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/17/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY PSC performed a field investigation and verified that the leak was not on Central Hudson's distribution line. The leak was on a main operated by Orange and Rockland Utilities.

Action Taken By Operator: Orange and Rockland Utilities found a corrosion leak on their 6" steel main. The leak was repaired on 5/6/94.

Date Repair Completed: 05/06/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY PSC is interstate agent and performed investigation.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940013 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE. S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/29/1994 Date Received: 04/23/1994
Reporting Official's Name: JON O. LOKER
Title: DIRECTOR, TECHNICAL SERVICES Phone: 3043572767
Determining Person's Name: MS. LAURIE ALLIKSO
Title: OPERATIONS SUPERVISOR Phone: 9148563213
Date condition Determined to Exist: 04/25/1994
Condition Location: City: WARWICK, ORANGE COUNTY State: NY

Specific Location: SOUTHEAST OF WESTTOWN, NY ALONG SOUTHERN SHOULDER
OF

PINE ISLAND ROAD BETWEEN MISSION LAND ROAD & LIBERTY
CORNERS ROAD, IN WARWICK, ORANGE COUNTY, NY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: CORROSION PITTING (0.220" AND 0.270" DEPTH) OCCURRED
ON 18" CYLINDRICAL SECTION OF 10.750" O.D., 0.344"
WALL, SMYS 35000, CATHODICALLY PROTECTED BARE PIPE.
THIS CONDITION WAS DISCOVERED AS THE RESULT OF A
REPORTED LEAK PIPE.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: IMMEDIATE RESTRICTED OPERATING PRESSURE FROM
APPROXIMATELY 600 PSIG TO A MAXIMUM OF 545 PSIG;
INSTALLED LEAK CLAMP UNTIL SHORT REPLACEMENT SECTION
OF PIPE CAN BE COMPLETED.

Reduced Pressure From (PSI): 600 to (PSI): 545

Shutdown: NO

Date Action Taken: 04/25/1994

Planned Follow-Up/Corrective Action: IMMEDIATELY REPLACE SHORT SECTION OF
PIPE. LIMIT PRESSURE ON PIPELINE SECTION
TO 545 PSIG. FERA CORPORATION HAS BEEN
CONTRACTED TO PERFORM A CLOSE-INTERVAL
SURVEY OF LINE A-5. PHYSICAL INSPECTION

OF APPROPRIATE EXCAVATION SITES, OR WIRE
LINE INSTRUMENTED PIG INSPECTION AT
SELECTED POPULATION DENSITY AREAS.

To Begin: 04/25/1994 To Be Completed By: 05/03/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/02/1994 Region: EASTERN
Date Sent To State: 05/02/1994 State/Agency: NYPSC
OPS Representative: MICHELLE M. SILVA
Date: 05/02/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/01/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PSC INSPECTORS CONTINUE TO MONITOR REMEDIAL
ACTIVITIES.

Action Taken By Operator: COLUMBIA STATRTED MONTHLY LEAK PATROLS ON LINE
A-5

EAST. NO LEAKS DETECED IN DESIGNATED AREAS.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NEXT UPDATE BY OCT 15, 1999

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/01/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: OPS AND NY-PSC CURRENTLY REVIEWING
INFORMAITON

SUBMITTED BY COLUMBIA (LONG TERM REMEDIATION AND
VERIFICAITON PLANS).

Action Taken By Operator: ADDITIONAL LEAK SURVEYS IN PERTINENT AREAS; RISK
ANALYSIS CONDUCTED TO DETERMINE AREAS IN CLOSE
PROXIMITY TO PIPELINECORROSION CONTRL REMEDIATIONS
AND REMOVAL OF EXISTING LEAK CLAMPS FORM LINE A-5
DURING 1999.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: COLUMBIA HAS COMMENCED INCREASED MONTHLY LEAKAGE PATROLS
AS OF MARCH

1999

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: BASED ON A CONFERENCE CALL WITH NY-PSC,
COLUMBIA

AND OPS, UPDATED STATUS REPORT WILL BE PROVIDED
BY COLUMBIA BY END OF JAN 1999. FINAL PHASE
OF REMEDIAL ACTIONS COMPLETED; AT 7 LOCATIONS,
PIPE WAS REPLACED BASED ON SMART PIGGING OF LINE
A-5

Action Taken By Operator: NY-PSC/ OPS AWAITING A STATUS REPORT BY END OF
JANUARY 1999. FINAL ACTION CONTINGENT UPON NY-PSC
REVIEW.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RAHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY-PSC IS MONITORING THE SRC.

Action Taken By Operator: FINAL PHASE OF REMEDIAL WORK IS EXPECTED TO
CONTINUE

THRU 1998.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY-PSC WILL PROVIDE QUARTERLY UPDATES

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/12/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY-PSC IS MONITORING THE FINAL PHASE OF COLUMBIA'S REMEDIAL ACTION PLAN; IT INCLUDES BELL HOLE INSPECTIONS, PIPE REPLACEMENTS AND CP UPGRADES ON A-5 LINE POSSIBLE FURTHER REMEDIAL ACTIONS PENDING PIG INSPECTION RESULTS DURING LATER PART OF 1998

Action Taken By Operator: RELOCATION OF REGULATOR STA FROM TUXEDO TO WARWICK,

NY AND SUBSEQUENT TO ORIGINAL MOP 900 PSIG COMPLETED; A-5 LINE EAST OF WARWICK OPERATES AT LOWERED MOPOF 750 PSIG; REPLACEMENT OF SLOATBURG, NY MAINLINE VALVE WITH PIGGABLE BALL VALVE AND FURTHER PIGGING OF 11 MILES OF 8-INCH BARE STEEL PIPE BETWEEN NYS THRUWAY-EAST TO RAMPAO, NY DURING SUMMER 1998.

Date Repair Completed: 12/05/1997

Resulted in Incidents After Report: NO

Date of Incident: 04/29/1994

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY-PSC IS CURRENTLY MONITORING COLUMBIA'S REMEDIAL PLANS; COLUMBIA PLANS

TO REPLACE LINE A-5 COMMENCING 1999

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/17/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: 11/5/96 - FOLLOW-UP BY MICHAEL YAZEMBOSKI NJDO -

Action Taken By Operator: 11/5/96 (FOLLOW-UP) LISTED BELOW ARE THE ACTIONS TAKEN BY COLUMBIA GAS SINCE THE SRCR WAS FILED 4/29/94; 1994- COLUMBIA GAS RELACED APPROX. 50' OF PIPE ON A-5 LINE AT LOCATION INDICATED IN THE SRCR DUE TO CORROSION PITTING. OPERATING PRESSURE REDUCED FROM 600 PSI TO 545 PSI (MAOP 920). 1995- COLUMBIA GAS RUNS WIRELINE PIG AND REPLACES 8 SEGMENTS OF PIPE AS RESULT OF THE DATA EVALUATION. 1995- COLUMBIA GAS INSTALLS MAINLINE REGULATOR STATION AT WARWICK AND REDUCES MAOP FROM 920PSI TO 750PSI ON THE SECTION OF LINE FROM WARWICK TO RT. 202. 1996- COLUMBIA GAS INSTALLS 30 RECTIFIER UNITS ON LINE A-5. CLOSE-INTERVAL CP SURVEY BEING PERFORMED 10/96-11/96.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940014 Condition Number(s): 1
Operator Name: MICHCON GAS COMPANY OPID:
Street Address: 500 GRISWOLD
City: DETROIT State: MI ZIP: 48226

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/29/1994 Date Received: 04/29/1994
Reporting Official's Name: BRUCE NIEMAN
Title: MGR. CODES & CORROSION Phone: 3132566615
Determining Person's Name: DONELL GREEN
Title: CORROSION SPECIALIST Phone: 3135777239
Date condition Determined to Exist: 04/27/1994
Condition Location: City: DETROIT State: MI

Specific Location: 8 MILE & LODGE FREEWAY, DETROIT, MICHIGAN IN WAYNE COUNTY.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)
2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: EROSION CORROSION/PITTING CAUSED BY DRIPPAGE FROM

OVERHEAD EXPANSION JOINT ON HIGHWAY.

Discovery Circumstances: PERIODIC/ROUTINE ATMOSPHERIC CORROSION INSPECTION

- NO SAFETY HAZARD TO GENERAL PUBLIC.

Significant Effects on Safety: NONE

Corrective Action Taken: LOWERED MAOP FROM 200PSIG TO 150 PSIG

Reduced Pressure From (PSI): 200 to (PSI): 150

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: INSTALLATION OF REPAIR CLAMP

To Begin: 06/01/1994 To Be Completed By: 07/01/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 05/03/1994 Region: CENTRAL

Date Sent To State: 05/03/1994 State/Agency: MPSC

OPS Representative: MICHELLE M. SILVA

Date: 05/03/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/11/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Kris Brock of the Michigan PSC has completed an investigation.

Action Taken By Operator: MichCon noted some corrosion/pitting caused by drippage from an overhead expansion joint on a highway as part of a routine atmospheric corrosion inspection. MichCon reduced it's MAOP from 200 psig to 150 psig. The normal operating pressure is about 100 psig. MichCon installed a repair clamp (Plidco Sole Mate) on the corroded pipe. MichCon also installed a fiberglass shield over the clamp.

Date Repair Completed: 09/17/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: The repairs were delayed past the initial anticipated completion date of July 1, 1994 because the project required that two lanes of a major highway be closed. The project required close coordination with the State highway department. (Closure is being effected 10/26/94).

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940015 Condition Number(s): 1
Operator Name: KOCH PIPELINES, INC. OPID: 10313
Street Address: P.O. B0X 29
City: MEDFORD State: OK ZIP: 73759

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/06/1994 Date Received: 05/06/1994
Reporting Official's Name: BOB AEBI
Title: REGULATION COORDINATOR Phone: 4053952377
Determining Person's Name: SCOTT BERGKAMP
Title: DIVISION ENGINEER Phone: 4053952377
Date condition Determined to Exist: 05/05/1994
Condition Location: City: RIPLEY State: OK

Specific Location: RIPLEY, OKLAHOMA, PAYNE COUNTY, EAST/WEST GRAVEL ROAD AT

MILE POST 50

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: #14 GASOLINE

Description of Condition: GENERAL CORROSION OVER A 16 FOOT SECTION OF PIPE.

Discovery Circumstances: WHILE PREPARING THE PIPE FOR RE-COATING A SECTION OF PIPE WAS DISCOVERED TO BE GENERALLY CORRODED.

Significant Effects on Safety: NONE

Corrective Action Taken: LOWERED LINE PRESSURE TO 1200 POUNDS. REMOVE DAMAGED

SECTIONS OF PIPE AND REPLACE WITH PRETESTED PIPE WITH 100% X RAY.

Shutdown: NO

Date Action Taken: 05/04/1994

Planned Follow-Up/Corrective Action: REPLACE NEAREST GROUND BED FOR CATHODIC

PROTECTION REQUESTING A CLOSE INTERVAL SURVEY TO DETECT PROBLEMS.

To Begin: To Be Completed By: 05/10/1994

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 05/09/1994 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE M. SILVA

Date: 05/09/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/29/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON SITE INSPECTION 5/9/94 AND 5/10/94, OF
REPLACEMENT OF CORRODED PIPE. REVIEWED COMPANY
RECORDS FOR SRCR/ACCIDENT REPORTING, CORROSION
REOCRDS, WELDING PROCEDURES, WELDER
QUALIFICATIONS, DISCHARGE PRESSURES AND SCADA
CONTROL.

Action Taken By Operator: ISOLATED AND REMOVED APPROXOMATELY 190' OF 6"
PIPE.

REPLACED 6" WITH PRETESTED PIPE, 100% RADIOGRAPHED.

Date Repair Completed: 05/10/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: TTHIS REPORT WAS INITIALLY SENT TO THE CENTRAL REGION, SW
REGION WAS NOT

AWARE OF THIS REPORT UNTIL 11/22/94.

Prepared by: OKLAHOMA CC/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940016 Condition Number(s): 2
Operator Name: BUCKEYE PIPE LINE COMPANY OPID: 1
Street Address: P.O. BOX 368
City: EMMANUS State: PA ZIP: 18049

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 05/09/1994 Date Received: 05/09/1994
Reporting Official's Name: CHARLES SCHACKELFORD
Title: MANAGER, OPERATIONS SERVICES Phone: 2158208300
Determining Person's Name: UNDETERMINED
Title: Phone:
Date condition Determined to Exist:
Condition Location: City: ROCKVILLE State: PA

Specific Location: RAILROAD BRIDGE, 4-INCH DELIVERY LINE STRK#8+73 TO 40 -
185, ROCKVILLE, PA IN DAUPHIN COUNTY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)

Product in Pipeline: DIESEL OIL

Description of Condition: FURTHER INVESTIGATION REQUIRED.

Discovery Circumstances: DISCOVERED DURING A ROUTINE INSPECTION.

Significant Effects on Safety: NONE

Corrective Action Taken: THE PIPELINE WAS SHUTDOWN AND DEPRESSURED.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: OPERATOR PLANS TO PURGE PRODUCT AND
EVALUATE FACILITY FURTHER FOR REPAIR
OPTIONS.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 05/13/1994 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE M. SILVA

Date: 05/13/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/19/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Line still down awaiting for expansion joints replacement scheduled in summer 95.

Date Repair Completed: 05/01/0896

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: The line was hydrostatically tested, back in service 5/96. Close this report.

Prepared by: PHILLIP NGUYEN

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/12/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: Expansion joints are needed to be replaced before
this 4" line back in service.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phillip Nguyen

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940017 Condition Number(s): 2
Operator Name: PACIFIC GAS & ELECTRIC COMPANY OPID: 15007
Street Address: MAIL CODE H15B; PO BOX 770000
City: SAN FRANCISCO State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/16/1994 Date Received: 05/16/1994
Reporting Official's Name: JAMES H. POPE
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: ANDREW M. KELLY
Title: SENIOR MAINT.& OPERA. ENGINEER Phone: 4089456239
Date condition Determined to Exist: 05/11/1994
Condition Location: City: SAN BENITO COUNTY State: CA

Specific Location: LINE 301H, 1/4 MILE SOUTH OF ANZAR ROAD IN SAN BENITO
COUNTY AT US HWY. 101 CROSSING, CA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)
2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: GAS

Description of Condition: THE 16", 500 PSIG GAS TRANSMISSION LINE CROSSES US 101 IN A 400" LONG CASING. A 100 PARTS PER MILLION GAS IN AIR MIXTURE WAS DETECTED AT THE CASING VENT. NO GAS FUMES OR DETECTABLE GAS FLOW OUT OF THE VENT WERE DISCOVERED. A SUBSEQUENT PIPE TO SOIL POTENTIAL CHECK INDICATED THAT THE CASING IS IN METALLIC CONTACT WITH THE CARRIER PIPE.

Discovery Circumstances: PG&E PERSONNEL PERFORMING A ROUTINE VENT CHECK DETECTED THE LEAK USING A FLAME-IONIZATION TYPE LEAK DETECTOR.

Significant Effects on Safety: THIS PIPE IS A 1970, ERW, API 5L-X42, .219" WALL THICKNESS PIPE. THE PIPE IS OPERATED AT A MAXIMUM OF 500 PSIG WITH A HOOP STRESS OF 43.5% IN A CLASS 1 LOCATION. THERE IS A SINGLE HOME IN THE VICINITY AND IT IS LOCATED APPROXIMATELY 200" FROM THE CASING VENT. PROGRESSION OF THE CORROSION COULD LEAD TO PIPE RUPTURE.

Corrective Action Taken: EXCAVATION WORK WILL BE CONDUCTED CAREFULLY BECAUSE

OF UNSTABLE SOIL CONDITIONS AND GROUND WATER
CONSIDERATIONS. CARRIER PIPE WILL BE REMOVED FROM THE
CASING AND REPLACED. FAILURE MODE WILL BE FIELD
EVALUATED SO THAT APPROPRIATE ACTION CAN BE TAKEN TO
ELIMINATE FUTURE OCCURRENCES AT THIS OR OTHER
LOCATIONS.

Shutdown: NO

Date Action Taken: 05/16/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: 05/16/1994 To Be Completed By: 07/23/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/06/1994 Region: WESTERN

Date Sent To State: 06/06/1994 State/Agency: CA SFM

OPS Representative: MICHELLE M. SILVA

Date: 06/06/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/09/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED FOLLOWUP SRCR REPORT FROM CAPUC ON
11/9/94. SEE FILES.

Action Taken By Operator: THE 400 FOOT CARRIER PIPE AS REMOVED AND
REPLACED.

THE NEW PIPE WAS INSERTED IN THE EXISTING CASING.

THE LINE WAS TIED IN ON JUNE 21, 1994.

Date Repair Completed: 06/21/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: RECOMMEND TO CLOSE THIS SRCR. RECEIVED FAX 11/9/94. SEE FILE.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/24/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED PG&E TO CONFIRM SRCR. STATEMENTS WERE

CONFIRMED AS CORRECT.

Action Taken By Operator: LINE PRESSURE WAS REDUCED FORM 500 TO 396 PSIG.
EXCAVATION WILL BEGIN ON 05/16/1994 TO EXPOSE THE
PIPE.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CONTACTED GRAYSON GROVES OF THE CA-PUC. HE WILL CONTACT PG&E
TO CONFORM

THAT REPAIRS ARE COMPLETE AND INFORM REGION.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940018 Condition Number(s): 1
Operator Name: DIXIE PIPELINE COMPANY OPID: 3445
Street Address: 1117 PERIMETER CENTER WEST, SUITE 301
City: ATLANTA State: GA ZIP: 30338

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 06/02/1994 Date Received: 06/02/1994
Reporting Official's Name: C.J. GIRRENS
Title: EASTERN DISTRICT MANAGER Phone: 4043962994
Determining Person's Name: C.M. ROBERTSON
Title: PROJECT ENGINEER Phone: 4043962994
Date condition Determined to Exist: 06/01/1994
Condition Location: City: RUSSELL COUNTY State: AL

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: PROPANE

Description of Condition: GENERAL CORROSION WITH SCATTERED PITS, MAXIMUM W.T.

REDUCTION 0.056". AREA EXTENDS 66" ALONG THE PIPE
AXIS FROM 11 O'CLOCK TO 2 O'CLOCK.

Discovery Circumstances: RESULT OF INTERNAL INSPECTION TOOL CALIBRATION
DIG.

Significant Effects on Safety: NONE

Corrective Action Taken: LOWERED MAOP TO 1059 PSIG ON 6/1/94.

Shutdown: NO

Date Action Taken: 06/01/1994

Planned Follow-Up/Corrective Action: INSTALL 10" OF FULL WRAP. REPAIR
SCHEDULED FOR THE WEEK OF JUNE 13 - 17,
1994.

To Begin: 06/13/1994 To Be Completed By: 06/17/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/08/1994 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 06/08/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/05/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: follow up call to operator

Action Taken By Operator: full wrap repair of line finished 06/03/1994

Date Repair Completed: 06/03/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: no enforcement action required

Prepared by: R. Lynnard Tessner

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940019 Condition Number(s): 1
Operator Name: DIXIE PIPELINE COMPANY OPID: 3445
Street Address: 1117 PERIMETER CENTER WEST, SUITE 301
City: ATLANTA State: GA ZIP: 30338

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 06/07/1994 Date Received: 06/07/1994
Reporting Official's Name: C.M. ROBERTSON
Title: PROJECT ENGINEER Phone: 4043962994
Determining Person's Name: L. B. NICHOLS
Title: MAINTENANCE SUPERVISOR Phone: 2057457128
Date condition Determined to Exist: 06/03/1994
Condition Location: City: DOUGHERTY COUNTY State: GA

Specific Location: AL/GA STATE LINE TO ALBANY
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: PROPANE

Description of Condition: AREA OF CORROSION 2.5" CIRCUMFERENTIAL BY 15" LONGITUDINAL, MAXIMUM W.T. REDUCTION 0.090".

Discovery Circumstances: RESULT OF INTERNAL INSPECTION TOOL CALIBRATION DIG.

Significant Effects on Safety: NONE

Corrective Action Taken: LOWERED MAOP TO 745 PSIG ON 6/3/94.

Reduced Pressure From (PSI): 1059 to (PSI): 745

Shutdown: NO

Date Action Taken: 06/03/1994

Planned Follow-Up/Corrective Action: INSTALLED 3' OF FULL WRAP AND RETURNED TO

1059 PSI ON 6/4/94. MAOP OF 1059 PSI
ESTABLISHED ON SRC REPORT DATED 6/2/94.

To Begin: 06/04/1994 To Be Completed By: 06/04/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/08/1994 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 06/08/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/05/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Follow up call to operator

Action Taken By Operator: Full wrap repair of pipe

Date Repair Completed: 06/03/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: no enforcement action required

Prepared by: R. Lynnard Tessner

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940020 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID: 2714
Street Address: 445 WEST MAIN STREET, PO BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/09/1994 Date Received: 06/09/1994
Reporting Official's Name: JACK L. ADAMS
Title: ADMIN. CODES & STANDARDS Phone: 3046238410
Determining Person's Name: WAYNE BURKHAMMER
Title: OPERATIONS SUPERVISOR Phone: 3046238875
Date condition Determined to Exist: 06/02/1994
Condition Location: City: SEDALIA State: WV

Specific Location: 2 MILES NORTH OF SEDALIA, WV 26426 HARRISON COUNTY
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AN INDICATION OF LEAKS @ THESE LOCATIONS WAS NOTED

DURING ANNUAL INSPECTION OF THIS LINE ON APRIL 14, 1994. SINCE THEY DID NOT REQUIRE IMMEDIATE ACTION, THEY WERE PLACED ON THE ROUTINE SCHEDULE FOR ACTION. ON JUNE 2, 1994 LINE WAS EXPOSED REVEALING THE CORROSION CONDITION.

Discovery Circumstances: ON JUNE 2, 1994 LINE WAS EXPOSED REVEALING THE CORROSION CONDITION.

Significant Effects on Safety: NONE

Corrective Action Taken: APPROPRIATE LEAK REPAIR CLAMPS WERE INSTALLED TO MAKE

PERMANENT REPAIRS ON THE LEAKS.

Shutdown: NO

Date Action Taken: 06/02/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: 06/02/1994 To Be Completed By: 06/02/1994
Jurisdictional To (Region or State/Agency abbrev.): FEDERAL
Date Sent To Region: 06/09/1994 Region: EASTERN
Date Sent To State: 06/09/1994 State/Agency: WV
OPS Representative: MICHELLE SILVA

Date: 06/09/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/18/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Installed appropriate leak repair clamps for permanent repairs at 3 locations on June 2, 1994.
Pipeline has an MAOP of 350 psi.

Date Repair Completed: 06/02/0004

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WV PSC performed investigation of this report.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940021 Condition Number(s): 6
Operator Name: OLIN CHEMICALS OPID:
Street Address: P.O. BOX 2896
City: LAKE CHARLES State: LA ZIP: 70602

System Type: NATURAL GAS Inter/Intrastate: NOT REPORTED

Date of Report: 06/13/1994 Date Received: 06/13/1994
Reporting Official's Name: SAMUEL HARRIS
Title: ASSOCIATE DISTRIBUTION ENGR. Phone: 3184913579
Determining Person's Name: MIKE ROUSE
Title: ASSOC. MAINTENANCE ENGINEER Phone: 3184913085
Date condition Determined to Exist: 06/01/1994
Condition Location: City: LAKE CHARLES State: LA

Specific Location: 1100 COLUMBIA SOUTHERN ROAD AT NORTH ENTRANCE TO
TETRA
CORP.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: HCl

Description of Condition: HCl VAPORS/FUMES OBSERVED LEAKING OUT OF VALVE
BONNET FLANGES.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: TEAM ENVIRONMENTAL SERVICES, INC. REPAIRED FLANGE
LEAK AT BONNET BY INJECTING A SEALANT TO STOP LEAK.

Shutdown: NO

Date Action Taken: 06/01/1994

Planned Follow-Up/Corrective Action: USE A DRAEGER TUBE TO TEST FOR
EFFECTIVENESS OF REPAIR. TEST PERFORMED
6/10/94, RESULTS WERE NO LEAKAGE.

To Begin: 06/10/1994 To Be Completed By: 06/10/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/15/1994 Region: SOUTHWES

Date Sent To State: 06/15/1994 State/Agency: LDNR

OPS Representative: MICHELLE SILVA

Date: 06/15/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/01/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Do not have a record of this NCR

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940022 Condition Number(s): 1
Operator Name: KOCH HYDROCARBON INC. OPID:
Street Address: BOX 29
City: MEDFORD State: OK ZIP: 73759

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/17/1994 Date Received: 06/17/1994
Reporting Official's Name: JERRY ROGERS
Title: REGULATIONS SUPERVISOR Phone: 4053952377
Determining Person's Name: MIKE ST JOHN
Title: AREA SUPERVISOR Phone: 9156947705
Date condition Determined to Exist: 06/15/1994
Condition Location: City: BIG LAKE State: TX

Specific Location: IRION COUNTY, (BLK 14 H&TC RR CO. SECTION - 111) MP 74 &
61

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LPG

Description of Condition: GENERALIZED CORROSION ON 8" PIPE

Discovery Circumstances: EXCAVATING AREA BASED ON LOSE INTERVAL SURVEY.
PIPE WAS EXPOSED AND DISCOVERED A 10' AREA WITH
GENERALIZED CORROSION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: MOP HAS BEEN REDUCED AND SECTION OF PIPE WILL BE
REPLACED THRU STOPPLE AND REPLACEMENT PROCEDURES.
REPLACEMENT AND REPAIRS SCHEDULED FOR NEXT WEEK. 6-20
-24, 1994.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: TO BE REPAIRED NEXT WEEK.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/20/1994 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 06/20/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/28/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Intrastate operator-followed up by TRC Re.No.
94-SR-001. Report dated 9/19/94

Action Taken By Operator: 1. Reduced MOP. 2. Installed stopple and by-pass.
X-rayed and Hydro-tested replacement pipe. 4.
Replaced 330 ft of 8 5/8" - .188" WT X-46 Pipe. 5.
-rayed tie-ins 6. Put pipeline back in service. ex-

Date Repair Completed: 06/24/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Close

Prepared by: L. Atwell

Reviewed by: James C. Thomas
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940023 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE COMPANY OPID:
Street Address: 2360 BUCHANAN ROAD
City: PITTSBURG State: CA ZIP: 94565

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/28/1994 Date Received: 06/29/1994
Reporting Official's Name: G.N. TURNER
Title: ACTING NATURAL TEAM LEADER Phone: 5106803218
Determining Person's Name: G.N. TURNER
Title: ACTING NATURAL TEAM LEADER Phone: 5106803218
Date condition Determined to Exist: 06/24/1994
Condition Location: City: RICHMOND REFINERY State: CA

Specific Location: 171 FEET FROM GERTRUDE PUMP STATION, BAY AREA PRODUCTS

PIPELINE, RICHMOND REFINERY, CALIFORNIA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: GASOLINE,DIESEL,JET

Description of Condition: GENERAL CORROSION, UNIFORM WALL LOSS ON FOUR FEET OF

90 DEGREE BEND, BRITISH GAS INTERNAL INSPECTION TOOL.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: REDUCED MOP OF BAPL FROM 1,349 PSI TO 1,000 PSI UNTIL THE 90 DEGREE BEND CAN BE REPLACED, APPROXIMATELY THREE WEEKS.

Reduced Pressure From (PSI): 1349 to (PSI): 1000

Shutdown: NO

Date Action Taken: 06/24/1994

Planned Follow-Up/Corrective Action: REPLACE THE 90 DEGREE BEND APPROXIMATELY

THREE WEEKS BEFORE COMPLETED.

To Begin: 06/24/1994 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 07/06/1994 Region: WESTERN

Date Sent To State: 07/06/1994 State/Agency: CAFMSHL

OPS Representative: MICHELLE M. SILVA
Date: 07/06/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/24/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED CLOSURE LETTER FROM CSFM DATED 12/9/94.

Action Taken By Operator: COMPLETED REPAIRS ON 21 OCT 94.

Date Repair Completed: 10/21/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SEE FILE FOR MORE INFO.

Prepared by: KATCHMAR

Reviewed by: ZACH BARRETT

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940024 Condition Number(s): 4
Operator Name: ALYESKA PIPELINE COMPANY OPID:
Street Address: 1835 SOUTH BRAGAW STREET
City: ANCHORAGE State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/28/1994 Date Received: 06/28/1994
Reporting Official's Name: J. S. DAYTON
Title: SENIOR VICE PRESIDENT Phone: 9072658923
Determining Person's Name: R. B. MOSELEY
Title: PIPELINE COMPLIANCE Phone: 9072658146
Date condition Determined to Exist: 06/21/1994
Condition Location: City: ANCHORAGE State: AK

Specific Location: NEAR MILE POST 355 ENTRANCE TO PUMP STATION 6
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: OIL

Description of Condition: SUPERVISOR WAS DRIVING ALONG THE PAD AND NOTICED OIL

ON THE INSULTAION ON BLOCK VALVE BL1. SMALL AMOUNT OF OIL LEAKED FROM THE LOWER GLANGE OF THE UPSTREAM 6" VALVE. OIL RESULTED FROM A PRESSURE SURGE RATHER THAN A SLOW DRIP. GASKET ON THE LOWER FLANGE IS 1/16 INCH GARLOCK. INVESTIGATIONS REVEALED THAT GASKET WAS UNDERSIZED AND OFF CENTER.

Discovery Circumstances: WHILE A SUPERVISOR WAS DRIVING ALONG THE PAD ON JUNE 21, 1994.

Significant Effects on Safety: NONE

Corrective Action Taken: ON 6/25/1994 A GLANGE CLAMP WAS PLACED ON THE UPSTREAM 6" VALVE IN THE BYPASS LINE FOR BL1. CLAMP WAS NOT INJECTED WITH SEALANT. THE UPSTREAM BYPASS VALVE GASKET AND DOWNSTREAM BYPASS VALVE WILL BE REPLACED DURING THE NEXT SCHEDULED PIPELINE SHUTDOWN AND PUMP STATION DRAIN-DOWN.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACEMENT OF GASKETS ON UPSTREAM BYPASS

VALVE AND DOWNSTREAM BYPASS VALVE DURING

NEXT SCHEDULED PIPELINE SHUTDOWN.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/06/1994 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 07/06/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/24/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: OIL WAS NOTICED ON THE INSULATION ON BLOCK VALVE

BL1. FOUND THAT A SMALL AMOUNT OF OIL HAD LEAKED FROM THE LOWER FLANGE OF THE UPSTREAM 6" VALVE IN THE BYPASS LINE. SINCE THE OIL WAS VISCOUS AND NOT GRITTY, APSC BELIEVES THAT THE LEAK OCCURRED IN THE RECENT PAST. APSC ALSO BELIEVES THAT THE LEAK WAS DUE TO A PRESSURE SURGE RATHER THAN A SLOW DRIP. APSC INSTALLED A DRAIN LINE TO A BARREL TO PROVIDE A CONTROLLED DRAIN PATH. PS 6 PERSONNEL WILL MONITOR THE BARREL PERIODICALLY AND IMMEDIATELY AFTER ANY SURGE EVENT. THE FLANGE GASKETS WILL BE REPLACED DURING THE NEXT SCHEDULED PIPELINE SHUTDOWN AND PS DRAIN-DOWN.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NONE

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940025 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 06/29/1994 Date Received: 06/29/1994
Reporting Official's Name: JON O. LOKER
Title: DIRECTOR, TECHNICAL SERVICES Phone: 3043572767
Determining Person's Name: S. C. BEAR, II
Title: SR. TRANSMISSION ENGINEER Phone: 4122232755
Date condition Determined to Exist: 06/23/1994
Condition Location: City: CAMERON State: WV

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: GENERAL INTERNAL CORROSION PITTING AS DISCOVERED IN

VICTORY "B" STORAGE FIELD PIPELINE DRIPS. pITTING
MAY RESULT IN FUTURE GAS LEAKAGE IN "SAFETY
SENSITIVE AREAS".

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: INITAL ACTION: ALL CORROSION NOTED TO DATE HAS BEEN

DETERMINED BY A FACILITY REVIEW CONDUCTED UNDER DOT
HAZARDOUS FACILITY ORDER NO 13102-H. ALL DRIPS
EVALUATED TO DATE HAVE BEEN REMOVED FROM SERVICE TO
FACILITATE DETAILED INSPECTION.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: ELIMINATION OR REPLACEMENT OF ALL SUSPECT

DRIPS IN SAFETY SENSITIVE AREAS PRIOR TO
RETURNING VICTORY "B" STORAGE FIELD TO
NORMAL OPERATING PRESSURE IN ACCORDANCE
WITH HFO.

To Begin: 07/05/1994 To Be Completed By: 11/30/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/06/1994 Region: EASTERN
Date Sent To State: 07/06/1994 State/Agency: WVA
OPS Representative: MICHELLE M. SILVA
Date: 07/06/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/22/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Clearance was granted on 11/1/94 to operate storage field. Hazardous Facility Order was closed on 10/11/1995.

Action Taken By Operator: Removed and inspected all drips; inspected pipe adjacent to drips. Minor corrosion was found, not requiring pressure reduction. All drips were removed and replaced. New internal corrosion procedures for testing, monitoring and mitigation of internal corrosion were enacted as required by the Hazardous Facility Order.

Date Repair Completed: 10/31/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This Safety Related Condition Report was filed to cover general internal corrosion found in the Pennsylvania portion of Victory B storage field. The corrosion was found and remedial actions were taken under Hazardous Facility Order 13102-H. The Hazardous Facility Order was closed on 10/11/1995.

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/24/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Clearance for operating storage field was granted on 11/1/94 by OPS Eastern Region and WV PSC under CPF 13102-H. Remedial work was completed on 10/31/1994.

Action Taken By Operator: Removed and examined all drips in Safety Sensitive Areas showed minor corrosion not requiring a pressure reduction.

Date Repair Completed: 10/31/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This Safety Related Condition Report was associated with Columbia Gas' Storage Field known as Victory B. This storage field was covered under CPF-13102-H.

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/07/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: Remedial/replacement work is progressing in storage field.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This work is in PA, but is associated with CPF 13102-H in West Virginia.

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940026 Condition Number(s): 2
Operator Name: SOUTH GEORGIA NATURAL GAS COMPANY OPID:
Street Address: POST OFFICE BOX 2563
City: BIRMINGHAM State: AL ZIP: 35202

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/14/1994 Date Received: 07/14/1994
Reporting Official's Name: KENNETH C. PETERS
Title: SUPERVISOR-PIPE SAFETY COMPL. Phone: 2053257554
Determining Person's Name: JOHN MCCUTCHEN
Title: TRANSMISSION SUPERINTENDENT Phone: 9122264744
Date condition Determined to Exist: 07/12/1994
Condition Location: City: ANDERSONVILLE State: GA

Specific Location: LAND DISTRICT 28, LAND LOT 379, SUMTER COUNTY, GA NEAR
ANDERSONVILLE, GA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: RECENT FLOODING IN SOUTHERN GEORGIA CAUSED
LANDSLIDE

OF A CREEK BANK AND EROSION OF PIPELINE
RIGHTS-OF-WAY RESULTING IN APPROXIMATELY 80' OF
EXPOSED, SUSPENDED 4-1/2" O.D. PIPE ENTERING THE
CREEK AND APPROXIMATELY 200' OF 4-1/2" O.D. PIPE
SUBJECTED TO ABNORMAL LOADING CONDITIONS.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: FURTHER REDUCTION OF PRESSURE TO 200 PSIG AND
REMOVAL

OF FALLEN TREES WHICH CONTRIBUTE TO THE ABNORMAL
LOADING AS INTERIM MEASURES. PERMANENT REPAIR WILL
INVOLVE PURCHASING NEW RIGHTS-OF-WAY AND RE-ROUTING A
NEW PIPELINE SEGMENT AROUND THE DAMAGED AREA.

Shutdown: NO

Date Action Taken: 07/12/1994

Planned Follow-Up/Corrective Action: REMOVAL OF FALLEN TREES WHICH
CONTRIBUTE

TO THE ABNORMAL LOADING AS INTERIM
MEASURES. PERMANENT REPAIR WILL INVOLVE

PURCHASING NEW RIGHTS-OF-WAY AND
RE-ROUTING A NEW PIPELINE SEGMENT AROUND
THE DAMAGED AREA.

To Begin: 07/12/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/20/1994 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 07/20/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/05/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Follow up call to operator to confirm repairs
10/5/94. Spoke with Ken Peters and John
McCutchen on July 19, 1995.

Action Taken By Operator: Pipe rerouted around creek and old line was
abandoned in place. John McCutchen stated that 400
feet of pipe was replaced also.

Date Repair Completed: 08/01/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action required. Initially prepared by R. Lynnard
Tessner.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940027 Condition Number(s): 2
Operator Name: QUAKER STATE OPID:
Street Address: 255 ELM STREET
City: OIL CITY State: PA ZIP: 16301

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/22/1994 Date Received: 07/25/1994
Reporting Official's Name: DAN TOOTHMAN
Title: ENVIRONMENTAL MANAGER Phone: 8144653236
Determining Person's Name: TOM LEYDA
Title: PIPELINE FOREMAN Phone: 2168662008
Date condition Determined to Exist: 07/18/1994
Condition Location: City: WELLSVILLE State: OH

Specific Location: CITY OF WELLSVILLE, COLUMBIANA COUNTY, YELLOW CREEK
TOWNSHIP, STATE RT. 7 SOUTHBOUND EXIT TO WELLSVILLE AT
START OF EXIT RAMP ON SOUTHBOUND SIDE.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: FAILURE IN PIPE DUE TO EXTERNAL EROSION REPORTED
TO

TOM LEYDA BY BILL TAFT UN1267 - CRUDE OIL PETROLEUM

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: SHUT DOWN SYSTEM - LOCKOUT-TAGOUT. EXCAVATED
AND

REPAIRED 64 FEET OF PIPELINE, (WITH NEW PIPE) AT THE
SITE.

Shutdown: YES

Date Action Taken: 07/18/1994

Planned Follow-Up/Corrective Action: RUN SMART PIG, (TUBESCOPE) AND REPAIR AS
NEEDED TO ELIMINATE ANY POTENTIAL
PROBLEMS BEFORE OCCURRENCE.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 07/27/1994 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 07/27/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/30/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: PHONE CONVERSATION WITH OPERATOR INDICATED FAILURE IN PIPE DUE TO EXTERNAL CORROSION, NOT EROSION. SMART PIG HAD BEEN RUN BEFORE FAILURE OCCURRED AND OPERATOR WAS WAITING FOR RESULTS.

Action Taken By Operator: EXCAVATED AND REPAIRED 64 FEET OF PIPELINE WITH NEW

PIPE AT THE SITE WHERE FAILURE OCCURRED DUE TO EXTERNAL CORROSION. OPERATOR HAS COMPLETED ALL REPAIRS THAT WERE INDICATED AS NECESSARY BY THE SMART PIG RUN.

Date Repair Completed: 07/18/1994

Resulted in Incidents After Report: NO

Date of Incident: 07/08/1994

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMMEND SRCR BE CLOSED.

Prepared by: STEWART RICKEY

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940028 Condition Number(s): 1
Operator Name: CHASE TRANSPORTATION COMPANY OPID:
Street Address: #1 BOX 173A
City: EL DORADO State: KS ZIP: 67042

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/28/1994 Date Received: 07/29/1994
Reporting Official's Name: CHUCK JOHNSON
Title: VICE PRESIDENT Phone: 3168327484
Determining Person's Name: ROGER FLOYD
Title: CORROSION ENGINEER Phone: 3168325748
Date condition Determined to Exist: 07/22/1994
Condition Location: City: TOWANDA State: KS

Specific Location: M.P. 8.5 FROM TOWANDA, KS GO 3 MILES WEST AND 1 MILE
NORTH

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PRODUCTS

Description of Condition: LOCALIZED CORROSION CAUSED BY DISBOUNDED
COATING.

Discovery Circumstances: BY THE RUNNING OF A SMART FIG.

Significant Effects on Safety: NONE

Corrective Action Taken: REDUCED PRESSURE ON PIPELINE TO APPROX. 800 PSIG.
DETERMINED BY USE OF ANSI B31.4 FORMULA AND WILL
REMAIN WELDED ON THE PIPELINE. THIS WAS DONE 7/28/94.
THIS WILL BE A PERMANENT INSTALLATION.

Shutdown: NO

Date Action Taken: 07/28/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/04/1994 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 08/04/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/30/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The operator was contacted for additional information.

Action Taken By Operator: Chuck Johnson, Reporting Official, stated that pressure on the pipeline was reduced until permanent repairs could be made. A full encirclement sleeve was installed as a permanent repair on August 4 or 5, 1994.

Date Repair Completed: 08/05/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Koch is investigating the results of an internal inspection tool run on this pipeline.

Prepared by: LINDA DAUGHERTY

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940029 Condition Number(s): 8
Operator Name: MISSOURI GAS ENERGY OPID:
Street Address: 3420 BROADWAY
City: KANSAS CITY State: MO ZIP: 64111-2404

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/02/1994 Date Received: 08/08/1994
Reporting Official's Name: WILLIAM DEAN
Title: MANAGER- CODES AND STANDARDS Phone: 8163605661
Determining Person's Name: ANTHONY CELLITTI
Title: MANAGER, PRESSURE & MEASUREMENT Phone: 8163605661
Date condition Determined to Exist: 07/28/1994
Condition Location: City: KANSAS CITY State: MO

Specific Location: SWOPE PARKWAY - 5100 BLOCK, KANSAS CITY, MO
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)
9. Other: SOIL SUBSIDED

Product in Pipeline: NATURAL GAS

Description of Condition: ON THURSDAY JULY 18, 1994 IT WAS DISCOVERED THAT THE

SOIL IN CLOSE PROXIMITY TO THE COMPANY'S FACILITY AT THE 5100 BLOCK OF SWOPE PARKWAY HAD SUBSIDED APPROXIMATELY 2 FEET FOR A DISTANCE OF APPROX. 100 FEET.

Discovery Circumstances: MR. ANTHONY CELLITTI, MANAGER OF PRESSURE AND MEASUREMENT DISCOVERED THE SOIL IN CLOSE PROXIMITY TO THE FACILITIES HAD SUBSIDED.

Significant Effects on Safety: NONE

Corrective Action Taken: SECTION OF PIPELINE AT ISSUE WAS LEAK SURVEYED WITH A

FLAME IONIZATION UNIT IMMEDIATELY FOLLOWING DISCOVERY OF THE CONDITION. THERE WERE NO INDICATIONS OF LEAKAGE BASED ON THIS SURVEY. COMPANY ISOLATED THE SEGMENT OF THE 55 PSIG SYSTEM WHERE THE CONDITION EXISTS BY SHUTTING OFF VALVES IMMEDIATELY UPSTREAM AND IMMEDIATELY DOWNSTREAM OF THE AREA OF SOIL SUBSIDENCE AND IS CURRENTLY FEEDING 30" W.C. THROUGH THAT SEGMENT FROM AN ADJACENT SYSTEM USING A BYPASS CONTRUCTED AT THE INSTERSECTION OF 52ND AND BENTON.

KANSAS CITY PUBLIC WORKS DEPARTMENT HAS FENCED THE AREA OFF TO PREVENT FURTHER DAMAGE AND TO INCREASE THE PUBLIC'S AWARENESS OF THE CONDITION.

Shutdown: NO

Date Action Taken: 07/28/1994

Planned Follow-Up/Corrective Action: COMPANY FEELS THEY SHOULD ABANDON THE SEGMENT OF PIPE AT ISSUE AND RELOCATE IT TO THE EAST IN THE MEDIUM OF SWOPE PARKWAY. MATERIAL REQUIRED HAS BEEN ORDERED AND WILL BE DELIVERED IN APPROX. 3 WEEKS.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 08/09/1994 Region: CENTRAL

Date Sent To State: 08/09/1994 State/Agency: MPSC

OPS Representative: MICHELLE SILVA

Date: 08/09/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/27/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Bob Leonberger of the Missouri PSC has been in contact with Missouri Gas Energy Company to ensure that maintenance proceeded in a safe manner.

Action Taken By Operator: Due to soil subsidence, Missouri Gas Energy abandoned and relocated a pipeline segment near the 5100 block of Swope Parkway in Kansas City, Missouri. 1100 feet of 24-inch pipe was rerouted before it could be tied back in with the unaffected pipeline. Work began on September 19, 1994 and was completed on October 13, 1994.

Date Repair Completed: 10/13/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940030 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN STREET, PO BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/18/1994 Date Received: 08/18/1994
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: PAUL FERRETT
Title: Phone: 4123270961
Date condition Determined to Exist: 08/09/1994
Condition Location: City: JEANNETTE/WESTMORELAND State: PA

Specific Location: WITHIN 220 YARDS OF BUILDING INTENDED FOR HUMAN
OCCUPANCY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LEAK WAS DISCOVERED ON 8/4/94 AND GRADE AS A 3.
WHEN

LINE WAS EXPOSED TO MAKE LEAK REPAIR ON 8/9/94, THE
CORROSION CONDITION WAS DISCOVERED.

Discovery Circumstances: DISCOVERED BY DAVE AMMONS - UTILITYMAN

Significant Effects on Safety: NONE

Corrective Action Taken: A PERMANENT REPAIR WAS MADE BY INSTALLING A LEAK
REPAIR CLAMP.

Shutdown: NO

Date Action Taken: 08/09/1994

Planned Follow-Up/Corrective Action: COMPLETED 8/10/94

To Begin: 08/09/1994 To Be Completed By: 08/10/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 08/24/1994 Region: EASTERN

Date Sent To State: 08/24/1994 State/Agency: WV

OPS Representative: MICHELLE M. SILVA

Date: 08/24/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/01/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Leak due to corrosion was repaired by installing a
leak repair clamp.

Date Repair Completed: 08/09/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by: William Gute
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940031 Condition Number(s): 1
Operator Name: NORTHERN NATURAL GAS COMPANY OPID:
Street Address: P.O. BOX 1188
City: HOUSTON State: TX ZIP: 77251-1188

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/18/1994 Date Received: 08/18/1994
Reporting Official's Name: JOHN WM. CASKEY
Title: CODE COMPLIANCE ENGINEER Phone: 7136467343
Determining Person's Name: JODIE C. FLOYD
Title: TEAM LEADER Phone: 3166352632
Date condition Determined to Exist: 08/12/1994
Condition Location: City: BEAVER CITY State: OK

Specific Location: BEAVER TO MULLINVILLE A LINE, OKM 10701, MP 8.204
BEAVER, CITY, OK, S24, TO3N, R25W

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: TWO HOLES LOCATED IN CORROSION PITS WERE FOUND AFTER

A NATURAL GAS LEAK WAS REPORTED BY A NEAR BY RESIDENT. THE PIPELINE SEGMENT INVOLVED IS BARE, 24" OD, 0.312" WALL, 35,000 PSI SMYS, 550 PSI MAOP, IN A RURAL CLASS 1 AREA. THE CONDITION PRODUCED NO SIGNIFICANT EFFECTS ON PUBLIC SAFETY.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: PRESSURE ON THE SEGMENT OF LINE WAS REDUCED TO 140

PSIG OVER THE WEEKEND. REPAIRS WERE COMPLETED ON 8/15/94. ONE LEAK, ADJACENT TO A DRESSER COUPLING, WAS REPAIRED WITH A SLEEVE INSTALLED OVER THE COUPLING. THE SECOND LEAK WAS REPAIRED WITH A PATCH. FOUR ANODES WERE INSTALLED. NO ADDITIONAL REPAIR ACTION IS REQUIRED.

Shutdown: NO

Date Action Taken: 08/12/1994

Planned Follow-Up/Corrective Action: REPAIRS WERE COMPLETED ON 8/15/94

To Begin: 08/12/1994 To Be Completed By: 08/15/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/24/1994 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 08/24/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/01/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed NCR

Action Taken By Operator: Used a repair sleeve over coupling and welded a
patch over corrosion pits.

Date Repair Completed: 08/15/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940032 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE COMPANY OPID:
Street Address: 2360 BUCHANAN ROAD
City: PITTSBURG State: CA ZIP: 94565

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/26/1994 Date Received: 08/26/1994
Reporting Official's Name: MICHAEL R. GALUSTNER
Title: LEAD MAINTENANCE MAN Phone: 5107532013
Determining Person's Name: DAVID M. PRATT
Title: CORROSION TECH Phone: 5107532015
Date condition Determined to Exist: 08/11/1994
Condition Location: City: COUTIA COSTA COUNTY State: CA

Specific Location: BAY AREA PRODUCTS LINE M.P. 53.5 NORTH BRUNS BLOCK
VALVE

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: PRODUCTS

Description of Condition: AFTER PIPE WAS SAND BLASTED, GENERAL CORROSION
WAS

OBSERVED. dAVE PRATT WAS CALLED OUT TO CHECK AREA.
UPON FURTHER INVESTIGATION CPL DETERMINED THAT THEY
NEEDED TO LOWER MAOP UNTIL REPAIRS COULD BE MADE.AND
ATTACHED IS A D

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: REDUCED MAOP TO 1080 FROM 1440 ON 8/8/94 TWO FULL
ENCIRCLEMENT SLEEVES WERE WELDED ON LINE 8/12/94,
MAOP WAS RAISED TO 1440 ON 8/12/94 4:00PM. rEPAIRED
AREA WAS THEN PRIMED WITH AMERON AMERLOCK 400 POINT
AND A TOP COAT OF ALPHATIC POLYURETHANE AMERCOAT 450
HS.

Reduced Pressure From (PSI): 1440 to (PSI): 1080

Shutdown: NO

Date Action Taken: 08/08/1994

Planned Follow-Up/Corrective Action: N/A

To Begin: 08/08/1994 To Be Completed By: 08/12/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 08/30/1994 Region: WESTERN
Date Sent To State: 08/30/1994 State/Agency: CAFMSHL
OPS Representative: MICHELLE M. SILVA
Date: 08/30/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/24/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED CLOSURE LETTER FROM CSFM DATED 12/9/94.

Action Taken By Operator:

Date Repair Completed: 09/07/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: RECEIVED RECOMMENDATION TO CLOSE SRCR FROM CSFM DATED 12/9/94.
SEE FILE

FOR MORE INFORMATION.

Prepared by: KATCHMAR

Reviewed by: ZACH BARRETT

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940033 Condition Number(s): 1
Operator Name: ALYESKA PIPELINE SERVICE CO OPID: 26149
Street Address: 1835 SOUTH BRAGAW ST.
City: ANCHORAGE State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/23/1994 Date Received: 08/26/1994
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRESIDENT Phone: 9072658923
Determining Person's Name: ROBERT SCHOFF
Title: COMPLIANCE SPECIALIST Phone: 9072658146
Date condition Determined to Exist: 08/19/1994
Condition Location: City: ANCHORAGE State: AK

Specific Location: BETWEEN PUMP STATION 10 AND RGV 95B.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: PETROLEUM

Description of Condition: MAINTENANCE PERSONNEL WERE PERFORMING ROUTINE ELECTRICAL PREVENTIVE MAINTENANCE TASKS AT REMOTE GATE VALVE 95B ON THE AFTERNOON OF 8/12/94. PART OF THE TASK WAS TO CLOSE THE VALVE 10% OF FULL STROKE TO MEASURE THE VOLTAGE DROP ON THE BATTERY POWER SUPPLY. THE OPERATIONS CONTROL CENTER WAS NOTIFIED OF THE MAINTENACE TASK UNDERWAY AND THE AUTOMATIC CONTROLS FOR THE "VALVE IN TRANSIT" WERE BYPASSED. THE VALVE WAS CLOSED 10% AND STOPPED, USING LOCAL CONTROL. THE NEXT STEP SHOULD HAVE BEEN TO RE-OPEN THE VALVE. HOWEVER, THE TECHNICIAN MISTAKENLY PUSHED THE "CLOSE" BUTTON. WITHIN APPROXIMATELY TWO MINUTES, THE MISTAKE WAS RECOGNIZED, AND THE VALVE WAS STOPPED AND REOPENED. THE LIMIT SWITCH SETTING WAS NOT CONTACTED SO THE VALVE NEVER FULLY CLOSED, BUT THE PRESSURE DID RISE IN THE PIPELINE. SUBSEQUENT HYDRAULIC MODELING INDICATES THAT THE MAXIMUM PRESSURE MAY HAVE REACHED 117.9% OF MAOP AT MILE 615.952.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: ELECTRICAL PREVENTIVE MAINTENANCE PROCEDURE IS BEING

REVISED, INCIDENT REPORT WAS ISSUED TO OTHER FIELD LOCATIONS TO ALERT OF SITUATION, ROUTINE AERIAL SURVEILLANCE WAS FLOWN, PERSONNEL TO BE TRAINED ON NEW PROCEDURES, MANAGEMENT WILL CONDUCT FULL INVESTIGATION, SIMILAR PREVENTIVE MAINTENANCE TASKS WILL BE REVIEWED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SEE CORRECTIVE ACTION

To Begin: 08/19/1994 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 08/30/1994 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 08/30/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/24/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THIS IS NOW CPF # 54516. ALYESKA WAS PERFORMING ELECTRICAL MAINTENANCE AT RGV 95B. THE WORKER MISTAKENLY PRESSED THE WRONG BUTTON WHEN TRYING TO OPEN THE VALVE AND THE VALVE CLOSED RESULTING IN AN OVERPRESSURE OF THE PIPELINE GREATER THAN 110% OF THE MOP.

Action Taken By Operator: N/A

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken: YES

X Case Opened (Federal case identification number 54516 *)

Notes: NONE

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940035 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2126
Street Address: 1700 MACCORKLE AVE. SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/30/1994 Date Received: 08/31/1994
Reporting Official's Name: STEVEN J. CHOBY
Title: MGR. CODES,STNDRS.& PROCD. Phone: 3043572349
Determining Person's Name: MICHAEL ROBERTS
Title: DISTRICT SUPERINTENDENT Phone: 6102694440
Date condition Determined to Exist: 08/26/1994
Condition Location: City: RICHLAND State: PA

Specific Location: APPROXIMATELY 10,000 FT. NORTH OF QUAKERTOWN, OF PA
ROUTE 309 AT CHERRY ROAD. TOWNSHIP=RICHLAND, COUNTY =
BUCKS

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LOCALIZED CORROSION PITTING ON BARE PIPE WHERE
LEAKAGE MIGHT OCCUR WITHIN 220 YARDS OF A BUILDING

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: INITIAL ACTION (REF. 5/10 DAY RULE): INSTALLED
BOLT-ON LEAK CLAMP.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: IMMEDIATELY REPLACE AFFECTED PIPE
SEGMENT. INVESTIGATE OTHER BARE PIPE
SEGMENTS WITHIN SAFETY SENSITIVE AREAS
PER SECTION 192.23 DEFINITION. REVIEW AND
SCHEDULE FOR REPLACEMENT AS NECESSARY.

To Begin: 09/06/1994 To Be Completed By: 09/10/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/06/1994 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 09/06/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/03/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: I spoke with Mr. Steve Choby concerning SRCR 940035, dated 30 Aug. 1994. He informed me that the affected pipe segment on line 1278 has been replaced and has been cathodically protected. Investigations on other bare pipe segments within safety sensitive areas per 192.23 definition is currently underway. Reviw and schedule for replacement as necessary will be implemented.

Date Repair Completed: 09/08/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Delvone Nicholson-Meade

Reviewed by: William H. Gute

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940034 Condition Number(s): 4
Operator Name: SOUTH CAROLINA PIPELINE OPID:
Street Address: P.O. BOX 102407
City: COLUMBIA State: SC ZIP: 29224-2407

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/31/1994 Date Received: 08/31/1994
Reporting Official's Name: JOHN TROY BLALOCK
Title: DIRECTOR OF ENGINEERING & COMP Phone: 8036995811
Determining Person's Name: JOHN TROY BLALOCK
Title: DIR. OF ENGINEERING & COMPLI. Phone: 8036995811
Date condition Determined to Exist: 08/19/1994
Condition Location: City: BETHUNE - TIZARAH State: SC

Specific Location: ANOMALIES LOCATED ON JOINTS OF PIPE FROM BETHUNE, SC
TO
TIZARAH, SC.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: LIQUID PROPANE

Description of Condition: LOCATED APPROXIMATELY 130 ANOMALIES DETERMINED BY AN

INTERNAL INSPECTION TOOL ON 8/13/1994. PRODUCT TRANSPORTED IS PROPANE. REASON INTERNAL DEVICE WAS RUN WAS TO INCREASE OUR LEVEL OF SAFETY.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: ENTIRE LINE WAS TAKEN OUT OF SERVICE AND PURGED TO

CONDUCT INVESTIGATION AND REPAIRS. ANOTHER INTERNAL DEVICE RUN IS SCHEDULED TO BEGIN ON 8/31/1994 AND TO BE COMPLETED BY 9/30/1994.

Shutdown: YES

Date Action Taken: 08/13/1994

Planned Follow-Up/Corrective Action: INTERNAL DEVICE RUN IS SCHEDULED AFTER COMPLETION OF ALL NECESSARY REPAIRS.

To Begin: 08/31/1994 To Be Completed By: 09/30/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/06/1994 Region: SOUTHERN

Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 09/06/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/28/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: ANOMALLES IDENTIFIED BY AN INTERNAL INSPECTION TOOL

WERE LOCATED, EXPOSED, AND REMOVED. PIPELINE WILL BE HYDROSTATICALLY TESTED. THE ENTIRE PIPELINE WILL BE REINSPECTED WITH A INTERNAL INSPECTION TOOL ONCE THE PIPELINE IS PUT BACK IN SERVICE.

Date Repair Completed: 09/28/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THE PIPELINE WAS TAKEN OUT OF SERVICE UNTIL ALL ANOMALLES WERE CUT OUT

AND REPLACED WITH NEW SEGMENTS OF PIPE.

Prepared by: BENNIE ANDREWS

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940036 Condition Number(s): 9
Operator Name: LION OIL COMPANY OPID:
Street Address: 1001 SCHOOL STREET, P.O. BOX 7005
City: EL DORADO State: AK ZIP: 71731-7005

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/15/1994 Date Received: 09/20/1994
Reporting Official's Name: CHARLES F. PERDUE
Title: ENGINEERING SUPERVISOR Phone: 5018628111
Determining Person's Name: CHARLES F. PERDUE
Title: ENGINEERING SUPERVISOR Phone: 5018628111
Date condition Determined to Exist: 09/13/1994
Condition Location: City: EVADALE State: TX

Specific Location: RIVER BOTTOM OF NECHES RIVER CROSSINGS (ONE 2 MILES
SOUTH OF EVADALE, TEXAS AND ONE 3/4 MILES SOUTH OF U.S.
HIGHWAY 69 NEAR ROCKLAND, TEXAS. BINDS LANDING M.P. 7.4
BAPL 388+21

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: EROSION

Product in Pipeline: CRUDE OIL

Description of Condition: ON SEPTEMBER 12-13, 1994, OPERATOR DISCOVERED
PIPELINE WAS EXPOSED ON THE RIVER BOTTOM AT TWO
SEPARATE NECHES RIVER CROSSINGS. THE CORPS OF
ENGINEERS HAS DETERMINED THAT THE RIVER AT BOTH
LOCATIONS IS NOT NAVIGABLE. DAVE PRATT WAS CALLED TO
CHECK AREA. ATTACHED IS A DES

Discovery Circumstances: WHILE MAKING FIVE-YEAR DOT RIVER CROSSING
SURVEYS.

Significant Effects on Safety: NONE

Corrective Action Taken: CENTRAL STATES UNDERWATER CONTRACTING, INC.,
THEIR

CONTRACTORY WILL BEGIN INSTALLING GROUT BAGS AROUND
THE PIPELINE TO SECURE IT FROM FURTHER EROSION AND
PROTECT IT FROM COLLECTING DEBRIS. WORK TO BE DONE
THE WEEK OF SEPT. 19-25, 1994 AND COMPLETED IN
APPROXIMATELY 10 DAYS.

Shutdown: NO

Date Action Taken: 09/13/1994

Planned Follow-Up/Corrective Action: PIPELINE CONTRACTOR TO INSTALL GROUT
BAGS

AROUND PIPELINE TO SECURE FROM FURTHER
EROSION AND FROM DEBRIS.

To Begin: 09/19/1994 To Be Completed By: 09/30/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/20/1994 Region: SOUTHWES
Date Sent To State: 09/20/1994 State/Agency: TXRLRD
OPS Representative: MICHELLE M. SILVA
Date: 09/20/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/12/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: EVALUATED OPERATORS PLAN-OF-CORRECTION
THROUGH

CORRESPONDENCE UNTIL SRCR WAS CORRECTED.

Action Taken By Operator: OPERATOR NEGATED SRCR BY COVERING PIPELINE WITH
GROUT BAGS TO SECURE THE LINE FROM EROSION AND/OR
EXTERNAL LOADING CAUSED BY WATER CURRENT AND DEBRIS.

Date Repair Completed: 10/28/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: TX RAILROAD COMMISSION/T.BINNS

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940037 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/15/1994 Date Received: 09/19/1994
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR CODES & STANDARD Phone: 3046238410
Determining Person's Name: JAY ANDERSON
Title: UTILITYMAN Phone: 4123270961
Date condition Determined to Exist: 09/09/1994
Condition Location: City: DELMONT WESTMORELAND State: PA

Specific Location: DELMONT WESTMORELAND 8 MILES
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: WHEN THE WELL TENDER WAS CHECKING WELL OPERATION AT

JW-102 HE HEARD GAS LEAKING. WITH MORE INVESTIGATION, THE LEAK WAS FOUND ON JP-127. THE LINE WAS BLOWED DOWN TO ATMOSPHER SO REPAIR COULD BE MADE. PRESSURE AT TIME OF LEAK WAS 1,175 PSIG.

Discovery Circumstances: WHEN WELL TENDER WAS CHECKING WELL OPERATION.

Significant Effects on Safety: NONE

Corrective Action Taken: REPLACED 5' FEET OF 6" PIPE IN JP-127.

Shutdown: NO

Date Action Taken: 09/09/1994

Planned Follow-Up/Corrective Action: COMPLETED

To Begin: 09/09/1994 To Be Completed By: 09/12/1994
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/20/1994 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 09/20/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/12/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Replace 5 ft of 6" pipe, repair completed 9/12/94.

Date Repair Completed: 09/12/1994

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Request to close.

Prepared by: Phillip Nguyen

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940038 Condition Number(s): 1
Operator Name: KOCH PIPELINES, INC. OPID: 10313
Street Address: P.O. B0X 29
City: MEDFORD State: OK ZIP: 73759

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 09/21/1994 Date Received: 09/21/1994
Reporting Official's Name: LARRY ROGERS
Title: REGULATIONS SUPERVISOR Phone: 4053952377
Determining Person's Name: ROY HARLAN
Title: CONSTRUCTION & MAINTENANCE Phone: 4053952377
Date condition Determined to Exist: 09/19/1994
Condition Location: City: MEDFORD State: OK

Specific Location: MEDFORD, OKLAHOMA IN GRANT COUNTY, 1354+21 MEDFORD
DIVISION OFFICE - 2 MILES SOUTH OF MEDFORD ON HIGHWAY 81

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NGL - RAW FEED

Description of Condition: GENERALIZED CORROSION OF 4" INCOMING LINE TO MEDFORD.

Discovery Circumstances: KOCH EMPLOYEE NOTICED A SPOT ON THE GROUND AND REPORTED TO DIVISION MANAGEMENT.

Significant Effects on Safety: NONE

Corrective Action Taken: SHUT DOWN PIPELINE, DUE OUT AREA OF LEAK AND THEN PUT

ON TEMPORARY FULL WRAP CLAMP. 9/19/94

Shutdown: NO

Date Action Taken: 09/19/1994

Planned Follow-Up/Corrective Action: DIG OUT AND STRIP BACK FROM BOTH SIDES OF LEAK TO CHECK FOR CORROSION. BASED UPON REVIEW, WILL EITHER REPAIR WITH FULL WRAP OR REPLACE PIPE.

To Begin: 09/19/1994 To Be Completed By: 10/06/1994

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 09/23/1994 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE M. SILVA

Date: 09/23/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/12/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ONSITE INSPECTION AND REVIEW OF PROCEDURES IN
REFEERENCE TO SRCR 10/04/1994.

Action Taken By Operator: THE LINE WAS CLAMPED AND MONITORED UNTIL
REPLACEMENT

OF 40' WAS COMPLETED ON 10/26/1994.

Date Repair Completed: 10/26/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: OK CORP. COMMISSION/T. BINNS

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940039 Condition Number(s): 1
Operator Name: BP OIL PIPELINE COMPANY OPID: 1682
Street Address: 812 EAST NATIONAL ROAD
City: VANDALIA State: OH ZIP: 45377

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/20/1994 Date Received: 09/24/1994
Reporting Official's Name: LARRY S. ABRAHAM
Title: HEALTH & COMPLIANCE COORD. Phone: 5138988104
Determining Person's Name: STEVE PANKHURST
Title: MANAGER, PROJECTS & ENG. Phone: 5138988113
Date condition Determined to Exist: 09/16/1994
Condition Location: City: RUNNEMEDE State: NJ

Specific Location: 6.5 MILES NORTH OF WOODBURY, NEW JERSEY PUMP STATION
IN

THE BOROUGH OF RUNNEMED, NEW JERSEY, CAMDEN COUNTY, 190
FEET NORTH OF CENTRAL AVENUE, ALONG THE NEW JERSEY
TURNPIKE, NORTHBOUND RIGHT-OF-WAY, EXIT #3 INTERCHANGE.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: GASOLINE, DIESEL

Description of Condition: SEPT 1, 1994, INTERNAL INSPECTION TOOL WAS RUN ON
ENTIRE LENGTH OF HARBOR 16" PIPELINE. PIPELINE
TRANSPORTS ALL GRADES OF REFINED GASOLINE, DIESEL
FUEL, HEATING OIL AND JET FUEL. CORRELATION DIG ON
9/16/94 TO CALIBRATE THE INSPECTION TOOL UNCOVERED A
7 FOOT SECTION OF CORRODED PIPE THAT WILL REQUIRE
REPLACEMENT. REPLACEMENT WILL REQUIRE A PURGE OF A
10 MILE SECTION OF THE PIPELINE. OPERATOR REQUESTED
THE PIGGING CONTRACTOR TO EXPEDITE FINAL STATUS FOR
SECTION, SO THAT THEY CAN ENSURE ALL NECESSARY
REPAIRS TO THE ENTIRE 10 MILE SECTION OF PIPE IS
COMPLETED DURING ONE SHUT-DOWN.

Discovery Circumstances: WHILE RUNNING INTERNAL INSPECTION TOOL

Significant Effects on Safety: NONE

Corrective Action Taken: TEMPORARILY REDUCED THE MAXIMUM OPERATING
PRESSURE OF

THE HARBOR 16" PIPELINE FROM 1100 PSIG TO 875 PSIG
(20.5%) TO ALLOW CONTINUED SAFE OPERATION UNTIL
NECESSARY REPAIRS HAVE BEEN COMPLETED, APPROXIMATELY

MID-OCTOBER 1994.

Reduced Pressure From (PSI): 1100 to (PSI): 875

Shutdown: NO

Date Action Taken: 09/16/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: 09/16/1994 To Be Completed By: 10/30/1994

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 10/04/1994 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 10/04/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/07/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: VISIT DUTCH NECK VALVE LOCATION, WITNESS
CUT-OUT

OF APPROX. 60 FT OF LINE PIPE, INCLUDING SUSPECT
LOCATION JUST UPSTREAM OF VALVE AT GROUND
INTERFACE

Action Taken By Operator: SUN IS NOW OPERATOR OF LINE. SUN INITIATED PROJECT
TO CUT-OUT APPROX. 60 FEET OF PIPE.

Date Repair Completed: 07/23/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Sun Pipe Line operates this line.

Prepared by: B E COY

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/27/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: MOP of line was lowered from 875 psi to 840 psi
because additional deteriorated coating and corrosion
has been discovered. Replacement scheduled for
November 1995.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940040 Condition Number(s): 1
Operator Name: NATIONAL FUEL GAS SUPPLY OPID:
Street Address: 301 UNION STREET
City: HAMBURG State: NY ZIP: 14075

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/16/1994 Date Received: 10/19/1994
Reporting Official's Name: DAVID M. BIMBER
Title: ASSISTANT SUPERINTENDENT Phone: 7166493121
Determining Person's Name: DAVID M. BIMBER
Title: ASSISTANT SUPERINTENDENT Phone: 7166493121
Date condition Determined to Exist: 10/07/1994
Condition Location: City: HAMBURG State: NY

Specific Location: COLDEN STORAGE LINE C-46 418' EAST OF RTE. 16
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: RUPTURE OF LINE.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: REPLACE 75' + - 16" PIPE

Shutdown: NO

Date Action Taken: 09/07/1994

Planned Follow-Up/Corrective Action: RUN CLOSE INTERVAL SURVEY ON LINE. DIGS TO VERIFY CONDITION OF PIPE.

To Begin: 09/07/1994 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 10/19/1994 Region: EASTERN

Date Sent To State: 10/19/1994 State/Agency: NY PSC

OPS Representative: MICHELLE SILVA

Date: 10/19/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/30/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Met with company, reviewed progress of survey and accompanied crew conducting survey. Verified that pipe to soil readings indicate adequate cathodic protection.

Action Taken By Operator: Several sections of pipe were replaced with coated pipe and a close interval survey was conducted to evaluate the restored cathodic protection system consisting of 20 rectifiers with distributed anodes.

Date Repair Completed: 08/29/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/19/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY PSC is monitoring the remediation efforts including witnessing the installation of anodes.

Action Taken By Operator: Anode installation has been completed. The segment which had the rupture has been physically disconnected and will be evaluated as to its need in the future.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/03/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY PSC is monitoring progress in analysis of pipeline integrity.

Action Taken By Operator: I spoke with Mr. C. Goetz of the NYPSC and he informed me that National Fuel Gas (NFG) has replaced the 75' section of the pipeline that had ruptured on September 7, 1994 by installing 130' of new pipe. In addition, they have dug 14 test holes and plan to internally inspect and hydrostatically test the pipeline by Spring 1995. NFG has reduced the MAOP of the line by 10 % from 915 psig to 824 psig.

Date Repair Completed: 09/22/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This report will remain open until all of the remedial work has been completed.

Prepared by: Delvone Nicholson-Meade

Reviewed by: William H. Gute
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940041 Condition Number(s): 4
Operator Name: AMOCO PIPELINE COMPANY OPID:
Street Address: ONE MID AMERICA PLAZA SUITE 300
City: OAKBROOK TERRACE State: IL ZIP: 60181

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 10/17/1994 Date Received: 10/18/1994
Reporting Official's Name: DAVE BARNES
Title: COMPLIANCE COORDINATOR Phone: 7089906162
Determining Person's Name: DONNA J. NELLIGAN
Title: OPERATION SUPV. - CRUDE Phone: 4099386930
Date condition Determined to Exist: 10/14/1994
Condition Location: City: GALENA PARK State: TX

Specific Location: 1/4 MILE SOUTH OF CLINTON DRIVE ON SABINE-GENOA 12"
33.06 SECTION IV CORLAND COUNTY, NEW YROK STATE, STA #
656+37 NEAR TOWN OF BLODGETT MILLS

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: PETROLEUM CRUDE OIL

Description of Condition: SECTION (APPROXIMATELY 40FT) OF PIPE WITH LOCALIZED CORROSION MEETING THE REPORTING REQUIREMENTS UNDER 195.55 (A) (1) EROSION OF RIVER BANK HAS LEFT PIPELINE SUSPENDED FOR A DISTANCE OF APPROX. 60FT. PIPELINE HAS BEEN TEMPORARILY SUPPORTED AT 20 AND 40 FEET. THIS RIVER CROSSING WAS LOWERED AND REPLACED IN 1961. _

Discovery Circumstances: EXCAVATED THE PIPELINE TO CORRECT A SHORTED CASING

WHEN THE CONDITION WAS DISCOVERED.

Significant Effects on Safety: THIS SECTION OF THE PIPELINE TYPICALLY OPERATES AT A LOW PRESSURE (100PSI). ADMINISTRATIVE CONTROLS HAVE BEEN ENACTED WHICH WILL PREVENT THE PIPELINE FROM BEING OPERATED OVER THIS SAFE LEVEL. WITH THESE CONTROLS IN PLACE, AMOCO PIPELINE DOES NOT BELIEVE THIS CONDITION WILL AFFECT THE SAFE OPERATION.

Corrective Action Taken: DECOMMISSIONING PROCEDURES CURRENTLY BEING DEVELOPED

AND SCHEDULING OPERATION BEING MODIFIED TO ASSURE

REPLACEMENT COMPLETED ON OR BEFORE NOVEMBER 17, 1994.
ENGINEERING ACTIVITIES ARE UNDERWAY AND A SCOPE OF
WORK IS BEING DEVELOPED TO CORRECT THE CONDITION.
MORE FOLLOW-UPS WILL BE SENT TO UPDATE OPS ON THE
PROGRESS.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: DECOMMISSIONING PROCEDURES CURRENTLY
BEING

DEVELOPED AND SCHEDULING OPERATION BEING
MODIFIED TO ASSURE REPLACEMENT COMPLETED
ON OR BEFORE NOVEMBER 17, 1994. MORE
FOLLOW-UPS TO COME NOTIFYING OPS OF
CORRECTIVE ACTIONS GOING TO BE TAKEN.

To Begin: 10/14/1994 To Be Completed By: 10/17/1994

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 10/19/1994 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 10/19/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/12/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONIC FOLLOW-UP.

Action Taken By Operator: REPLACED PIPELINE SEGMENT ON 11/02/1994, SENDING
LETTER TO MS. MARY MCDANIEL CONCERNING STATUS, PER
MR. DAVE BARNES WITH AMOCO.

Date Repair Completed: 11/02/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: TX RAILROAD COMMISSION/T.BINNS

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940042 Condition Number(s): 2
Operator Name: SUN PIPE LINE COMPANY OPID:
Street Address: TEN PENN CENTER 1801 MARKET STREET
City: PHILADELPHIA State: PA ZIP: 19103-1699

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 10/17/1994 Date Received: 10/25/1994
Reporting Official's Name: PAUL S. BROKER
Title: MGR. OPERATIONS ENGINEERING Phone: 2159773053
Determining Person's Name: PAUL S. BROKER
Title: MGR. OPERATIONS ENGINEERING Phone: 2159773053
Date condition Determined to Exist: 10/17/1994
Condition Location: City: CORTLAND COUNTY State: NY

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)
Product in Pipeline: REFINED PETROL.PROD
Description of Condition: NOT REPORTED
Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: NONE

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: 10/17/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/25/1994 Region: EASTERN
Date Sent To State: 10/25/1994 State/Agency: NYPSC
OPS Representative: MICHELLE SILVA
Date: 10/25/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/18/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY PSC conducted field audits of remedial work to correct the problem.

Action Taken By Operator: The operator replaced the pipe at the Tioughnioga River crossing and extended the amount of pipe at the north end. All necessary steps to correct the condition have been taken.

Date Repair Completed: 01/24/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: The job was delayed several weeks due to conflict with the landowner which was resolved when Sun purchased a parcel of land. NY PSC performed investigation as liquid agent.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940043 Condition Number(s): 2
Operator Name: CHEVRON PIPE LINE COMPANY OPID:
Street Address: 1400 WOODLOCH FOREST DRIVE
City: THE WOODLANDS State: TX ZIP: 77380

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/24/1994 Date Received: 10/24/1994

Reporting Official's Name: C.M. WEAVER

Title: Phone: 7133637223

Determining Person's Name: P.C. DEPRANG

Title: Phone: 7133637223

Date condition Determined to Exist: 10/22/1994

Condition Location: City: HARRIS COUNTY State: TX

Specific Location: THE SAN JACINTO RIVER, HARRIS COUNTY, TEXAS

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: FLOOD WATERS WASHED OUT THE SUPPORTING EARTH BETWEEN

SANDPITS LEAVING THE PIPELINE SUSPENDED.

Discovery Circumstances: ON THE MORNING OF OCTOBER 22, 1994 ARCO PIPELINE DISCOVERED THE EXPOSED SUSPENDED PIPELINE AND NOTIFIED CHEVRON.

Significant Effects on Safety: NONE

Corrective Action Taken: THE PIPELINE WAS BLOCKED IN, SWABBED AND FILLED WITH

WATER BY OCTOBER 23RD. DOT OFFICIALS, ON SITE, AT THE UNIFIED COMMAND CENTER, WERE NOTIFIED OF THIS CONDITION. AN ENGINEERING STUDY OF THE LOCATION CONCLUDED THAT TEMPORARY SAND BAGGING WAS REQUIRED

TO

SUPPORT THE PIPELINE AND THAT A PERMANENT SOLUTION WOULD REQUIRE FURTHER STUDY.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: FURTHER REPAIRS ARE PENDING.

To Begin: 10/23/1994 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 10/31/1994 Region: SOUTHWES
Date Sent To State: 10/31/1994 State/Agency: TXRRCOM
OPS Representative: MICHELLE SILVA
Date: 10/31/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Operator shut lines down at request of TRC and DOT. Onsite inspection was conducted by TRC personnel on 10/29/1994 at which time Chevron Pipe Line was given permission to turn lines back on. Integrity of system was checked and supports installed in the Banana Bend area.

Action Taken By Operator: Chevron Pipe Line personnel shut pipelines down in the San Jacinto River area. Lines were displaced with water and pressure tested. Exposed girth welds were x-rayed. River crossing was inspected for scour. UT was run on pipe wall in exposed areas. "H" brace supports were installed in the Banana Bend wash out area.

Date Repair Completed: 10/29/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Will reevaluate operator during the phase II of San Jacinto.

Prepared by: Texas Railroad Comm/T. Binns

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/12/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: OPERATOR SHUT LINES DOWN AT REQUEST OF TRC AND

DOT. INTERGRITY OF SYSTEM WAS CHECKED AND SUPPORTS INSTALLED IN THE BANANA BEND AREA. ONSITE INSPECTION WAS CONDUCTED BY TRC PERSONNEL ON 10/29/1994 AT WHICH TIME CHEVRON P/L WAS GIVEN PERMISSION TO TURN LINES BACK ON.

Action Taken By Operator: CHEVRON P/L PERSONNEL SHUT PIPELINES DOWN IN THE SAN

JACINTON RIVER AREA. LINES WERE DISPLACED WITH WATER AND PRESSURE TESTED. EXPOSED GIRTH WELDS WERE X-RAYED. RIVER CROSSING WAS INSPECTED FOR SCOUR. UT WAS RUN ON PIPE WALL IS EXPOSED AREAS. "H" BARCE SUPPORTS WERE INSTALLED IN THE BANANA BEND WASH OUT AREA. ACTIONS COMPLETED BY 10/23/1994.

Date Repair Completed: 10/29/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: TX RAILROAD COMMISSION/T.BINNS

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940044 Condition Number(s): 1
Operator Name: MID-VALLEY PIPELINE COMPANY OPID:
Street Address: P.O. BOX 711
City: HAYNESVILLE State: LA ZIP: 71038

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/31/1994 Date Received: 11/01/1994
Reporting Official's Name: M. R. DEAHL
Title: AREA SUPERINTENDENT Phone: 3186241766
Determining Person's Name: S. A. DOUGLASS
Title: MANAGER, ENGINEERING SERVICES Phone: 9037570257
Date condition Determined to Exist: 10/26/1994
Condition Location: City: MONTGOMERY COUNTY State: TN

Specific Location: 22" MAINLINE, DENVER TO ELKTON SECTION. APPROX. 50' EAST
OF THE WEST BANK OF THE WEST FORK RED RIVER, MONTGOMERY
COUNTY, TN.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: GENERALIZED CORROSION LOCATED IN THE WEST FORK
RED

RIVER. MAXIMUM PIT DEPTH APPEARS TO BE .150 AND IS
SCATTERED OVER A DISTANCE OF 10'. THE PIPE AT THIS
LOCATION IS 22", X-52, .300 WT.

Discovery Circumstances: ANOMOLY DISCOVERED FROM SMART PIG
INFORMATION.

Significant Effects on Safety: NONE

Corrective Action Taken: MOP HAS BEEN REDUCED BY 20% TO 760 LBS. DISCHARGE
AT

DENVER STATION. PRESSURE RELIEV AT ELKTON STATION
WILL BE REDUCED TO 400 LBS. ANOMOLY WILL BE ENCLOSED
IN A FULL ENCIRCLEMENT SLEEVE AS SOON AS POSSIBLE.

Shutdown: NO

Date Action Taken: 10/26/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: 10/26/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/02/1994 Region: SOUTHERN

Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/02/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/18/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TALKED TO SID DOUGLAS ON 11/16/94. CONDITION SCHEDULED TO BE CORRECTED 11/18/94. TALKED TO BARRY SMITH OF MVPC ON 12/21/94. CONDITION CORRECTED ON 11/16/94.

Action Taken By Operator: MVPC EXPOSED PIPELINE AND FOUND 1 1/2 IN. BY 6 IN. AREA OF CORROSION. THE DEEPEST PIT DEPTH WAS .060 IN. APPROXIMATELY 10FT. OF PIPE WAS RECOATED AND PUT BACK IN SERVICE AT MOP OF 960 PSI.

Date Repair Completed: 11/16/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: 10FT. OF PIPELINE RECOATED. CONDITION DUE TO INDICATION OF CORROSION

FROM SMART PIG.

Prepared by: DERICK L. TURNER

Reviewed by: BENNIE ANDREWS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940045 Condition Number(s): 1
Operator Name: MID-VALLEY PIPELINE COMPANY OPID:
Street Address: P.O. BOX 150
City: BURLINGTON, State: KY ZIP: 41005

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/31/1994 Date Received: 11/01/1994
Reporting Official's Name: ROBERT L. MORELAND
Title: AREA SUPERINTENDENT Phone: 6063714469
Determining Person's Name: S. A. DOUGLASS
Title: MGR. ENGINEERING Phone: 9037570257
Date condition Determined to Exist: 10/26/1994
Condition Location: City: GALLATIN COUNTY State: KY

Specific Location: GALLATIN COUNTY, KY INTERSTATE HWY 71 CROSSING
APPROX MP

767

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline:

Description of Condition: ANOMALY DISCOVERED IN SMART PIG DATA. APPEARS TO
BE

SEVERAL LOCALIZED CORROSION AREAS CONSISTING OF
LIGHT GENERAL CORROSION WITH A FEW DEEPER PITS.

Discovery Circumstances: BECAUSE OF SMART PIG DATA

Significant Effects on Safety: NONE

Corrective Action Taken: MOP HAS BEEN REDUCED TO 80% OF PREVIOUS MOP.
REPLACEMENT OF CROSSING IS NECESSARY. EXISTING LINE
WAS SPLIT-CASED IN PLACE AND CANNOT BE REMOVED FROM
CASING. REPLACEMENT CROSSING WILL BE INSTALLED IN
EXISTING SPARE CASING. PROJECT HAS BEEN WRITTEN
(APPROVAL PENDING). WILL DO REPLACEMENT ASAP AFTER
APPROVAL.

Shutdown: NO

Date Action Taken: 10/26/1994

Planned Follow-Up/Corrective Action: REPLACEMENT CROSSING WILL BE INSTALLED
IN

EXISTING SPARE CASING. OTHER REPAIRS
NECESSARY.

To Begin: 10/26/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/02/1994 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/02/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/23/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Mid-Valley P/L discovered an anomaly from an internal inspection device. The MOP was reduced to 80% of the previous MOP.

Date Repair Completed: 08/03/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: A new highway crossing was installed on August 3, 1995. Approximately 1450 feet of 22" x .375" wall thickness, API-5LX-52 grade pipe was installed. The line was returned to its previous MOP.

Prepared by: Vallery L. Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/17/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Spoke with Robert Moreland and Dennis Moening concerning safety related condition report dated 10/31/94.

Action Taken By Operator: General corrosion found inside of casing. Immediately reduced pressure. In process of constructing a new crossing. 1500 feet of new line; 1200 feet which will be replaced. Grout filled and abandoned old line. Will make tie-end during week of July 31, 1995 and also use displacer pig with nitrogen.

Date Repair Completed: 08/31/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken. A new highway crossing was installed on August 3, 1995. Approximately 1450 feet of 22" x .375" wall thickness, API-5LX-52 grade pipe was installed. The line was returned to its previous MOP.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940046 Condition Number(s): 2
Operator Name: TEJAS GAS CORPORATION OPID:
Street Address: 1301 MCKINNEY STREET SUITE 700
City: HOUSTON State: TX ZIP: 77010

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 11/01/1994 Date Received: 11/01/1994
Reporting Official's Name: ROBERT L. BROWN, JR.
Title: MGR., REG & ENV. AFFAIRS Phone: 7139513460
Determining Person's Name: ELVIN C. LOYD
Title: DISTRICT SUPERINTENDENT Phone: 4097934391
Date condition Determined to Exist: 10/24/1994
Condition Location: City: HARRIS COUNTY State: TX

Specific Location: LINE # 102 (10 3/4" O.D.) AT THE SAN JACINTO RIVER
CROSSING LOCATED 600 FT. NORTH OF NEW HIGHWAY 90 BRIDGE
IN HARRIS COUNTY, TX

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: SEVERE FLOODING IN AREA PROMPTED AERIAL SURVEY WHICH

REVEALED SEVERAL PIPELINES EXPOSED. CLOSER
INSPECTION BY HELICOPTER CONFIRMED ONE WAS OPERATED
BY TEJAS.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: CROSSING WAS ISOLATED AND BLOWN DOWN. ALTERNATE
ARRANGMENT HAVE BEEN MADE TO SUPPLY NATURAL GAS TO
AFFECTED CUSTOMERS.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A SURVEY HAS BEEN SCHEDULED TO
DETERMINE

THE PROPER PROFILE FOR A REPLACEMENT
CROSSING AT THE SAME LOCATION
(INSTALLATION DATE NOT NOW KNOWN)ING

To Begin: 10/24/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 11/02/1994 Region: SOUTHWES
Date Sent To State: 11/02/1994 State/Agency: TXRRCOM
OPS Representative: MICHELLE SILVA
Date: 11/02/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/12/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONIC FOLLOW-UP.

Action Taken By Operator: LINE SEGMENT ISOLATED AND BLOWN-DOWN;
CONSIDERING

REPLACING OR ABANDONING THIS SEGMENT, PER MR. ROBERT
BROWN WITH TEJAS.

Date Repair Completed: 12/12/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: TX RAILROAD COMMISSION/T.BINNS

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940047 Condition Number(s): 4
Operator Name: PHILLIPS PIPE LINE COMPANY OPID: 15490
Street Address: 390 ADAMS BUILDING
City: BARTLESVILLE State: OK ZIP: 74004

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 11/10/1994 Date Received: 11/14/1994
Reporting Official's Name: L.J. SCHMITZ
Title: TECH SERVICES DIRECTOR Phone: 9186614814
Determining Person's Name: L.J. SCHMITZ
Title: TECH. SERVICES DIRECTOR Phone: 9186614814
Date condition Determined to Exist: 11/10/1994
Condition Location: City: PAOLA-KANSAS State: KS

Specific Location: PAOLA-KANSAS CITY 8" LINE (3 SITES) 2 - IN JOHNSON
COUNTY AND 1 IN WYANDOTTE COUNTY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: REFINED PRODUCT

Description of Condition: IN PREPARATION FOR RUNNING AN INTERNAL INSPECTION TOOL, A CALIPER PIG REPORT OBTAINED ON 11/1/94 REVEALED THREE LOCATIONS OF POTENTIAL MECAHNICAL DEFORMATIONS GREATER THAN 6% OF THE NOMINAL PIPE DIAMETER.

Discovery Circumstances: WHEN RUNNING INTERNAL INSPECTION TOOL.

Significant Effects on Safety: NONE

Corrective Action Taken: 1. RERAN CALIPER TOOL ON 11/2/94 WHICH DUPLICATED 11/1/94 REPORT. 2. PIPELINE IS CURRENTLY SHUT DOWN, 3. EXCAVATION OF THE THREE SITES BEGAN ON 11/7/94 55TH STREET SITE: REPAIR CLAMP FOUND. NO PIPE DEFORMATION CONFIRMED. 51ST STREET SITE: NO DEFORMATION DETERMINED. EXCAVATION CONTINUES. 1-70 SITE: EXCAVATION RISKS IDENTIFIED.

Shutdown: YES

Date Action Taken: 11/02/1994

Planned Follow-Up/Corrective Action: CONTINUE INVESTIGATION OF REPORTED DEFORMATIONS. VISUAL LOCATION OF REPORTED DAMAGE IS SCHEDULED TO BE COMPLETED BY 11/23/94. DAMAGED PIPE WILL BE REPAIRED OR REPLACED. THE ESTIMATED COMPLETION

DATE IS 11/30/94. IF LINE OPERATION IS
NECESSARY BEFORE REPAIRS ARE COMPLETED,
THE OPERATING PRESSURE AT THE SITES WILL
BE LIMITED TO 50% OF THE MOP.

To Begin: 11/02/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/15/1994 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/15/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/23/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Phillips reports that all anomalies have been repaired or replaced.

Action Taken By Operator: Phillips has repaired all anomalies discovered by curvature pig.

Date Repair Completed: 11/23/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Phillips will operate at normal pressures since all anomalies have been resolved.

Prepared by: Ralph B. Handlin

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940048 Condition Number(s): 2
Operator Name: TEXAS EASTERN TRANSMISSION CORPORATION OPID: 19240
Street Address: PO BOX 1642
City: HOUSTON State: TX ZIP: 77251-1642

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 11/11/1994 Date Received: 11/14/1994
Reporting Official's Name: F. J. MASON
Title: DIRECTOR, TECHNICAL SERVICES Phone: 7136275427
Determining Person's Name: J. B. SCHULZE
Title: DIVISION TECH. OPERATIONS SUP. Phone: 7134246805
Date condition Determined to Exist: 11/11/1994
Condition Location: City: SEALY State: TX

Specific Location: 24" LINE NO. 11- MILEPOST 52.57 - BRAZOS RIVER CROSSING
- APPROXIMATELY 8 MILES NORTH OF SEALY, TX -
AUSTIN/WALLER COUNTIES

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A HYDROGRAPHIC SURVEY OF THE BRAZOS RIVER CROSSING

WAS PERFORMED ON NOVEMBER 10, 1994 BECAUSE OF THE FLOODING IN SOUTHEAST TEXAS DURING OCTOBER. THE SURVEY INDICATED THAT APPROXIMATELY 140 FEET OF 24" LINE NO. 11 WAS EXPOSED AND PARTIALLY SUSPENDED.

Discovery Circumstances: WHILE DOING A HYDROGRAPHIC SURVEY OF THE BRAZOS

RIVER CROSSING ON 11/10/94.

Significant Effects on Safety: NONE

Corrective Action Taken: THE PIPELINE IS BEING ISOLATED AND BLOWN DOWN TO 50PSIG PRESSURE. GAS FLOW WILL BE DIVERTED TO THE 16" AUXILIARY RIVER CROSSING. A FOLLOW-UP INSPECTION WILL BE PERFORMED ON 11/12/94 WITH DIVERS. THE PIPELINE EXPOSURE WILL BE MITIGATED BASED ON THE FINDINGS OF THE DIVERS.

Shutdown: NO

Date Action Taken: 11/11/1994

Planned Follow-Up/Corrective Action: WILL BE PERFORMED ON 11/12/94 WITH DIVERS. THE PIPELINE EXPOSURE WILL BE

MITIGATED BASED ON THE FINDINGS OF THE
DIVERS.

To Begin: 11/11/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 11/15/1994 Region: SOUTHWES
Date Sent To State: 11/15/1994 State/Agency: TXRRCOM
OPS Representative: MICHELLE SILVA
Date: 11/15/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/15/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called operator 11/22 and 12/15/1994. Received letter on 12/22/95.

Action Taken By Operator: Operator has completed underwater survey and plan remedial action. Has applied for a permit from the Corp of Engineers. Letter dtd 20 Dec 94 said plan to replace pipeline. Operator reported on June 5, 1996 all permits and licences had been acquired.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Safety related condition no longer exists on June 6, 1996.

Prepared by: Larry Atwell

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940049 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET, P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 11/17/1994 Date Received: 11/17/1994
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: MICHAEL GROSE
Title: OPERATIONS SUPERVISOR Phone: 3048847341
Date condition Determined to Exist: 11/10/1994
Condition Location: City: KINCHELE State: WV

Specific Location: KINCHELOE HARRISON COUNTY 5 MI, NW JANE LEW, WV
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: THE ACTING CORROSION TECHNICIAN WAS SPOTTING AREAS

TO INSTALL METAL ANODES WHEN HE DISCOVERED LEAK INDICATION ON NOVEMBER 7, 1994. NO SIGNIFICANT SAFETY FACTOR WAS INVOLVED. LINE WAS ISOLATED AND BLOWN DOWN THE SAME DATE. LINE WAS EXPOSED ON 11/10/94 REVEALING CORROSION CONDITION.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: 19' OF 6" PIPE WAS REPLACED AND LINE WAS RETURNED TO

SERVICE ON 11/15/94.

Shutdown: NO

Date Action Taken: 11/07/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: 11/07/1994 To Be Completed By: 11/15/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 11/21/1994 Region: EASTERN
Date Sent To State: 11/21/1994 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 11/21/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/05/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: I spoke with Jack Adams of CNG Transmission Corporation and he informed me that the 6" pipeline that had been discovered leaking on 11/7/94, was isolated and blown down on that same date. Furthermore, the line revealed corrosion when it was exposed on 11/10/94. On 11/15/94, approximately 19 feet of the 6" pipeline was replaced and the line was then returned to service.

Date Repair Completed: 11/15/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: A revised SRCR was submitted to us with the reason for reporting changed to general corrosion rather than localized pitting. Additional information: LEAK HISTORY/LINE REPAIR: 1992 - 4, 1993 - 2, 1994 - 5. Cathodic protection - rectified / distributed groundbed. MAOP - 350 psig. Actual operating pressure - 200 psig. Additional information in file.

Prepared by: Delvone Nicholson-Meade

Reviewed by: William H. Gute

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940050 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/07/1994 Date Received: 11/14/1994
Reporting Official's Name: JACK L. ADAMS
Title: ADMIN. CODES & STANDARDS Phone: 3046238410
Determining Person's Name: Q. WAYNE BURKHAMMER
Title: OPERATIONS SUPERVISOR Phone: 3046238875
Date condition Determined to Exist: 11/07/1994
Condition Location: City: SEDALIA State: WV

Specific Location: APPROXIMATELY 2 MILES NORTH OF SEDALIA, WV 26426
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AN INDICATION OF A LEAK AT THIS LOCATION WAS NOTED WHEN PATROLLING PIPELINE ON OCTOBER 22, 1994. LEAK DID NOT REQUIRE IMMEDIATE ACTION. ON NOVEMBER 7, 1994 LINE WAS EXPOSED REVEALING THE CORROSION CONDITION.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: AN APPROPRIATE LEAK REPAIR CLAMP WAS INSTALLED TO REPAIR THIS LEAK AS A PERMANENT REPAIR.

Shutdown: NO

Date Action Taken: 11/07/1994

Planned Follow-Up/Corrective Action: NONE

To Begin: 11/07/1994 To Be Completed By: 11/07/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 11/22/1994 Region: EASTERN
Date Sent To State: 11/22/1994 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 11/22/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/05/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: I spoke with Jack Adams of CNG Transmission Corporation and he informed me that a leak was indicated on 10/22/94 when the pipeline was being patrolled. At the time, the leak did not require immediate action. But on 11/7/94, the leak was exposed revealing a corrosive condition. Hence, on that same day, a leak repair clamp was installed to repair the leak.

Date Repair Completed: 11/07/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Additiona information: LEAK HISTORY/LINE REPAIR: none. Cathodic Protection - rectified / distributed groundbed. MAOP - 944 psig. Actual operating pressure - 900 psig. Additional information in file.

Prepared by: Delvone Nicholson-Meade

Reviewed by: William H. Gute

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940052 Condition Number(s): 9
Operator Name: PACIFIC GAS & ELECTRIC COMPANY OPID: 15007
Street Address: MAIL CODE H15B; PO BOX 770000
City: SAN FRANCISCO State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/12/1994 Date Received: 12/13/1994
Reporting Official's Name: JAMES H. POPE
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: ANDREW M. KELLY
Title: SENIOR MAINT.& OPERA. ENGINEER Phone: 4089456239
Date condition Determined to Exist: 11/29/1994
Condition Location: City: SANTA CLARA COUNTY State: CA

Specific Location: PG&E GAS T/L 300A, HIGHWAY 237, 1/4 MILE WEST OF THE
INTERCHANGE WITH HIGHWAY 880 IN SANTA CLARA COUNTY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other:

Product in Pipeline: GAS

Description of Condition: A BIRD CAUSED AN OVERHEAD 21 KV ELECTRIC LINE TO SHORT, BREAK, AND DROP ACROSS HIGHWAY 237. THE ELECTRIC LINE CONTACTED THE GAS CASING VENT AND ELECTRIC CURRENT TRAVELED DOWN THE VENT PIPING, ONTO THE CASING, AND ONTO THE TRANSMISSION PIPE UNTIL ELECTRIC SYSTEM PROTECTION EQUIPMENT TRIPPED OUT THE CIRCUIT. CURRENT WENT TO GROUND OFF THE PIPELINE AT 2" PIPELINE WHICH WAS PART OF A PG&E LIQUID REMOVAL SYSTEM ABOUT 200' SOUTH OF THE CASING. A CORROSION PIT HAD GRONW AT THIS LOCATION AND THE ELECTRIC CURRENT ON THE GAS TRANSMISSION LINE BLEW OUT THE PIT RESULTING IN A SMALL PIPELINE LIQUID LEAK. ALL OIL CONTAMINATED SOIL HAS BEEN EXCAVATED, TESTED, AND WILL BE PROPERLY DISPOSED OF.

Discovery Circumstances:

Significant Effects on Safety: TWO DIFFERENT SECTIONS OF PIPE MAY HAVE BEEN ARC DAMAGED. ONE SECTION IS COMPOSED OF 34", .500" WALL THICKNESS, API 5LX 46, DOUBLE SUBMERGED ARC WELD PIPE INSTALLED IN 1950. THE OTHER SECTION IS 34", .380" WALL THICKNESS, API 5LX 60, DOUBLE SUBMERGED ARC WELD PIPE INSTALLED IN 1970. PIPES ARE NORMALLY OPERATED AT UP TO 41.2% AND 41.6%

SMYS RESPECTIVELY AT A MAXIMUM OPERATING PRESSURE OF 558 PSIG. THE PERCENTAGE OF SMYS HAS BEEN REDUCED TO MAXIMUMS OF 35.5% AND 35.8% ON THESE PIPE SECTIONS. CLOSEST BUILDING TO THE SITE IS A HOLIDAY HOTEL AND IS LOCATED APPROXIMATELY 500" AWAY FROM THE CASING.

Corrective Action Taken: TRANSMISSION LINE PRESSURE WAS REDUCED FROM 558 PSIG

TO 480 PSIG PENDING LINE SECTION REPLACEMENT.

Reduced Pressure From (PSI): 558 to (PSI): 480

Shutdown: NO

Date Action Taken: 11/29/1994

Planned Follow-Up/Corrective Action: THE 34" ENCASED LINE UNDER HIGHWAY 237 WILL BE REPLACED IN JANUARY. EXCAVATION WORK WILL BE CONDUCTED CAREFULLY BECAUSE OF UNSTABLE SOIL CONDITIONS, GROUND AND SURFACE WATER CONSIDERATIONS AND ADJACENT HIGHLY TRAVELED HIGHWAY LANES.

To Begin: 01/09/1995 To Be Completed By: 01/30/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 12/14/1994 Region: WESTERN

Date Sent To State: 12/14/1994 State/Agency: CA SFM

OPS Representative: MICHELLE M. SILVA

Date: 12/14/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/03/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED CA-PUC AND TALKED TO GRAYSON GROVES.
SITUATION HAS BEEN REMEDIATED AND LINE IS BACK
IN OPERATION.

Action Taken By Operator: COMPLETED REPAIRS BY 30 JAN 95.

Date Repair Completed: 01/30/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: RECOMMEND TO CLOSE THIS SRCR. SEE FILE FOR DETAILS.

Prepared by: KATCHMAR

Reviewed by: BARRETT

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/14/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: FAXED A COPY OF THIS SRCR TO CA-PUC ON 14 DEC 94. FOLLOWED UP WITH PHONE CALL. HARRY SAID HE WOULD HAVE SOMEONE CONTACT THE OPERATOR AND GIVE ME A CALL BY FRIDAY, 16 DEC 94. 1/4/95-GRAYSON GROVES FAXED A COPY OF PG&E'S CONSTRUCTION PLAN FOR REMEDIATING THIS SRCR.

Action Taken By Operator: PG&E PROPOSES TO TO INSTALL 220' OF 30" & 20' OF 34" GAS TRANSMISSION PIPE TO REPLACE A SECTION DAMAGED BY A BROKEN 21KILOVOLT ELECTRIC LINE WHICH GROUNDED TO A CASING VENT STACK, CREATING AN ARC BURN BETWEEN THE CASING & CARRIER PIPE UNDER HWY 237 @ BARBER LANE, MILPITAS. PRESSURE HAS BEEN REDUCED IN THE LINE TO REDUCE STRESSES UNTIL THE REPAIR CAN BE MADE. ESTIMATED START DATE- 3 JAN 95. ESTIMATED COMPLETION DATE-31 JAN 95.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: DOCUMENTS IN FILE.

Prepared by: KATCHMAR

Reviewed by: BARRETT

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940051 Condition Number(s): 2
Operator Name: MOBIL OIL CORPORATION OPID:
Street Address: P.O. BOX 3311 BEAUMONT REFINERY
City: BEAUMONT State: TX ZIP: 77704

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/13/1994 Date Received: 12/13/1994
Reporting Official's Name: W. L. GINGER
Title: ASSISTANT PRODUCTION MANAGER Phone: 4097573503
Determining Person's Name: J. D. TURNER
Title: CONSTRUCTION SUPERVISOR Phone: 4097573691
Date condition Determined to Exist: 10/21/1994
Condition Location: City: SOUR LAKE State: TX

Specific Location: HARDING COUNTY, NEAR THE TOWN OF SOUR LAKE, TX
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: PROPANE

Description of Condition: DUE TO THE RECENT FLOODING IN SOUTHEAST TEXAS, 1,800

FEET OF THE 16" LINE WHICH IS ABOVE GROUND RACK MOUNTED, FLOATED ONTO OTHER LINES LOCATED ON THE RACK. THE 16" PROPANE IS PARTIALLY RESTED ON THE 8" ISOBUTANE AND ANOTHER 8" PRODUCT.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: BOTH THE 16" AND THE 8" LINES WERE SHUT DOWN AND VISUALLY INSPECTED. THE INSPECTION REVEALED NO SIGNS OF MECHANICAL DAMAGE. SINCE THE 8" LINE WAS NOT MOVED FROM THE SUPPORTS IT WAS RETURNED TO SERVICE. WHEN THE WATER RECEDES, THE 16" LINE WILL BE MOVED BACK TO ITS PROPER POSITION.

Shutdown: YES

Date Action Taken: 10/21/1994

Planned Follow-Up/Corrective Action: WHEN WATER RECEDES, THE 16" LINE WILL BE MOVED BACK TO ITS PROPER POSITION.

To Begin: 10/21/1994 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 12/14/1994 Region: SOUTHWES

Date Sent To State: 12/14/1994 State/Agency: TXRRCOM
OPS Representative: MICHELLE SILVA
Date: 12/14/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/15/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONIC FOLLOW-UP. CONTACT MADE WITH JOE LUDICAO AND DAN SUMMERS.

Action Taken By Operator: SHUT LINE IN AND DISPLACED PRODUCT WITH NITROGEN.

REPLACED PIPE TO ITS ORIGINAL POSITION ON THE RACK ONCE THE FLOOD WATERS RECEDED. THE EXTENT OF THE PIPE MOVEMENT WAS APPROXIMATELY 8" VERTICAL AND 4.5" LATERALLY. THE PIPE WAS VISUALLY INSPECTED AND DETERMINED TO BE IN GOOD CONDITION.

Date Repair Completed: 11/03/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: TX RAILROAD COMMISSION/T.BINNS

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940053 Condition Number(s): 3
Operator Name: ALGONQUIN LNG, INC. OPID:
Street Address: 121 TERMINAL ROAD
City: PROVIDENCE State: RI ZIP: 02905

System Type: LNG Inter/Intrastate: INTRASTATE

Date of Report: 12/08/1994 Date Received: 01/05/1995
Reporting Official's Name: RAYMOND F. PALMIERI
Title: PLANT MANAGER Phone: 4017817426
Determining Person's Name: LEON A. BOWDOIN
Title: MANAGER, TECHNICAL SERVICES Phone: 6172544050
Date condition Determined to Exist: 12/02/1994
Condition Location: City: PROVIDENCE State: RI

Specific Location: 121 TERMINAL ROAD, PROVIDENCE, RHODE ISLAND
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

3. Crack or material defect in LNG facility (LNG)

Product in Pipeline: LNG

Description of Condition: H-3 LNG VAPORIZER COIL SUPPORT FAILED. THE SUPPORT FAILURE CAUSED THE COIL TO MOVE DOWNWARD APPROXIMATELY 4 TO 6 INCHES.

Discovery Circumstances: DISCOVERY OF CONDITION RESULTED FROM ENTERING THE

VAPORIZER ON NOVEMBER 23, 1994, TO EXAMINE ERRATIC TEMPERATURE SENSOR READINGS.

Significant Effects on Safety: NONE

Corrective Action Taken: H-3 VAPORIZER WAS TAKEN OUT OF SERVICE PRIOR TO ENTRY

FOR INSPECTION ON NOVEMBER 23, 1994. COIL WAS RESUPPORTED AND TESTED TO ENSURE INTEGRITY. COIL SUPPORTS ARE CURRENTLY BEING REWELDED, WITH AN EXPECTED COMPLETION DATE OF DECEMBER 16, 1994.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 11/23/1994 To Be Completed By: 12/16/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/05/1995 Region: EASTERN
Date Sent To State: 01/05/1995 State/Agency: RPU
OPS Representative: MICHELLE SILVA

Date: 01/05/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/18/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Performed specialized inspection on the plants
cedures and history of the vaporizers.
Witnessed repairs and testing.

Action Taken By Operator: H-3 vaporizer was taken out of service prior to
entry for inspection on Nov. 23, 1994. Coil was
resupported and tested to ensure integrity. coil
supports were rewelded. All repairs completed Dec.
16, 1994. Algonquin pressure tested unit to 500 psig
for 1 hour.

Date Repair Completed: 12/16/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RI PSC performed investigation.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940054 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 12/28/1994 Date Received: 12/28/1994
Reporting Official's Name: JACK L. ADAMS
Title: ADMIN. CODES & STANDARDS Phone: 3046238410
Determining Person's Name: V.R. SEARLS
Title: OPERATIONS SUPERVISOR Phone: 3045951270
Date condition Determined to Exist: 12/20/1994
Condition Location: City: KANAWHA State: WV

Specific Location: KANAWHA, WV, 5 MILES SOUTH OF CLENDENIN, ROUTE 69
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AREA EMPLOYEES WERE INSTALLING SEALS ON CONDUIT AT

TR. 69. BEFORE DIGGING THEY USED A CGI AND A LEAK WAS DETECTED. INVESTIGATION INDICATED A LEAK ON THE SOUTH SIDE OF RT. 69. THE CREW EXPOSED THE LINE REVEALING A CORROSION CONDITION 4' FROM THE END OF THE CONDUIT.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: PRESSURE WAS REDUCED ON THE LINE ON 12/22/94 AND REPAIR WAS MADE BY INSTALLING A BAND CLAMP OVER A CORROSION PIT.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 12/22/1994 To Be Completed By: 12/22/1994
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/05/1995 Region: EASTERN
Date Sent To State: 01/05/1995 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 01/05/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/18/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Pressure reduction while repairs were being made
with the installation of an appropriate band clamp.

Date Repair Completed: 12/22/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WV PSC performed investigation of this report.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 940055 Condition Number(s): 1
Operator Name: DIAMOND SHAMROCK REFINING & MARKETING CO. OPID:
3370

Street Address: P.O. BOX 631

City: AMARILLO State: TX ZIP: 79173

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/29/1994 Date Received: 12/28/1994

Reporting Official's Name: GERALD CHILDERS

Title: MANAGER, PIPELINE SAFETY & REG Phone: 8063783583

Determining Person's Name: RODNEY REESE

Title: MGR., OPERATIONS PRODUCT PIPLN Phone: 8063783569

Date condition Determined to Exist: 12/28/1994

Condition Location: City: AMARILLO & KAFFIR State: TX

Specific Location: FROM AMARILLO TERMINAL @ CLIFFSIDE & WESTERN ST,
POTTER

COUNTY TO KAFFIR PUMP STATION @ FM214 3 1/2 MILES WEST
OF KAFFIR, SWISHER COUNTY, TX.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: MOTOR FUEL

Description of Condition: RESULTS OF A SMART PIG RUN SHOWED POSSIBLE AREAS
OF

LOCALIZED CORROSION.

Discovery Circumstances: RESULTS OF SMART PIG RUN

Significant Effects on Safety: DUE TO THE NATURE AND LOCATION OF THIS
PIPELINE, AS A PRUDENT OPERATOR, POTENTIAL
WALL LOSS IS BEING INVESTIGATED AND REPAIRED
WHEN EFFECTING THE PIPE'S SERVICEABILITY.

Corrective Action Taken: PRESSURE HAS BEEN REDUCED AS PRECAUTIONARY
MEASURE.

BEGAN MAKING THE NECESSARY VERIFICATION DIGS ON
12/22/94. REPAIR OR REPLACE AS REQUIRED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WILL FURTHER EVALUATE REPORT DATA TO
DETERMINE ALTERNATIVE ACTIONS.

To Begin: 12/22/1994 To Be Completed By: 01/30/1994

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/11/1994 Region: SOUTHWES
Date Sent To State: 01/11/1994 State/Agency: TX RRC
OPS Representative: MICHELLE SILVA
Date: 01/11/1994

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/10/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACTED GERA;D CHILDERS.

Action Taken By Operator: SHAMROCK HAS BEGUN A TWO PHASE PROJECT. PHASE 1 INVOLVES REPAVING 17 ROAD CROSSINGS. IT BEGAN 12/11/95 AND COMPLETION SCHEDULED 02/09/1996. PHASE 1 IS APPROXIMATELY 80% COMPLETE. PHASE 2 INVOLVES REPLACE 8 MILES OF PIPELINE BEGINING IN POTTER COUNTY. IT IS SCHEDULED TO BEGIN 03/01/1996 AND BE COMPLETED 04/01/1996.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THE NAME OF THE OPERATOR SHOULD BE CHANGED TO "THE SHAMROCK PIPELINE

CORPORATION", NOT DIAMOND SHAMROCK.

Prepared by: TERRY PARDO, TRC/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/10/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CALLED GERALD CHILDNESS. DIAMOND SHAMROCK ON

07/14/1995, HE REPORTED THE FOLLOWING.

Action Taken By Operator: DIAMOND SHAMROCK HAS REPAIRED THE ANOMOLIES IN CLASS

II AND III LOCATION, THEY REDUCED THE OPERATING PRESSURE FROM 1250 PSIG TO 750 PSIG - AFTER REPAIR THEY RAISED PRESSURE TO 1000 PSIG. THE OPERATOR PLANS TO REPLACE APPROXIMATELY 8 MILES OF PIPELINE. WILL KNOW ONCE BIDS HAVE BEEN TAKEN.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DEAN SCOTT/TRC

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/10/1995

Further Follow-Up Reports Forthcoming:

Action Taken by Region/State: TELEPHONE CALLS TO OPERATOR CHECK ON STATUS OF

DIGS MADE AND RESULTS CORRECTIVE ACTION ONGOING.

Action Taken By Operator: PIPELINE EXPOSED AT POINTS INDICATED BY SMART PIG RUNS, REPAIRS COMPLETED ON THE MOST SEVERLY WALL THINNING POINTS. MOP HAS BEEN RAISED TO 1025 PSI. CORRECTIVE ACTION ONGOING. MAY CONSIDER PIPELINE REPLACEMENT

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THE TEXAS RAILROAD COMMISSION IS REPOSIBLE FOR COMPLETING REPORT. THERE

IS NO ANTICIPATED DATE FOR THE COMPLETION OF THE REPAIRS.

Prepared by: TEXAS RAILROAD COMM/T.BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1995

Further Follow-Up Reports Forthcoming:

Action Taken by Region/State: CALLED GERALD CHILDERS FOR STATUS. PRIORITY ONE'S HAVE BEEN REPAIRED (EXCEPT FOR ONE) WILL KEEP INFORMED ON STATUS.

Action Taken By Operator: OPERATOR HAS BEEN MAKING NECESSARY VERIFICATION DIGS

ON ANOMOLIES FOUND BY SMART PIG. ALL (BUT ONE) PRIORITY 1 ANOMOLIES. PRESSURE WAS INITIALLY REDUCED TO 750#. PRESSURE IS NOW TO 1025#. LINE MOP IS 1480#. KEITH HUEY IS BEING KEPT UP-TO-DATE ON SITUATION.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THE TEXAS RAILROAD COMMISSION IS RESPONSIBLE IN COMPLETING REPORTS.

Prepared by: TEXAS RAILROAD COMM/T.BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950001 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/10/1995 Date Received: 01/10/1995
Reporting Official's Name: JACK L. ADAMS
Title: ADMIN. CODES & STANDARDS Phone: 3046238410
Determining Person's Name: MIKE GROSE
Title: OPERATIONS SUPERVISOR Phone: 3048847341
Date condition Determined to Exist: 01/04/1995
Condition Location: City: JANE LEW, LEWIS COUNTY State: WV

Specific Location: 8" H18880 @ STA. 11+52 (BN 8319) 6 MILES FROM JANE LEW,
LEWIS COUNTY, WV 26378

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ON 12/21/94 CNG WELL TENDER FOUND INDICATION OF A POSSIBLE LEAK ON STORAGE LINE H18880. AT 1:45 THE LINE WAS LOCKED OUT AND TAGGED, THEN BLOWN DOWN TO ATMOSPHERE TO ELIMINATE ANY SAFETY CONCERN. ON JANUARY 4, 1995 AREA WAS EXPOSED AND CORROSION CONDITION WAS DISCOVERED.

Discovery Circumstances: WELL TENDER FOUND INDICATION OF A POSSIBLE LEAK.
Significant Effects on Safety: NONE

Corrective Action Taken: REPLACED 19' - 8" OF PIPE AND ELLS ON JANUARY 6, 1995 AND RETURNED TO SERVICE ON JANUARY 9, 1995.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 01/03/1995 To Be Completed By: 01/09/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/11/1995 Region: EASTERN
Date Sent To State: 01/11/1995 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 01/11/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/06/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State inspectors witnessed repairs and replacement of pipeline.

Action Taken By Operator: Replaced line.

Date Repair Completed: 01/06/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: There had been an earlier safety related condition on this same pipeline. CNG has replaced the line.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/23/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: Jack Adams informed me that after having discovered corrosion on the 8" H18880 line, a 19'- 8" section of the pipeline including elbows was replaced on January 6, 1995, and the line was then returned to service on January 9, 1995.

Date Repair Completed: 01/09/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Additional information: LEAK HISTORY / REPAIRS: 1976 - 2, 1994 - 1.

Cathodic Protection - rectified / distributed groundbed. MAOP - 944 psig. Actual operating pressure - 920 psig. Additional information in file. This SRCR will remain open until WVPSC takes a look at the remedial work.

Prepared by: Delvone Nicholson-Meade

Reviewed by: William H. Gute

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950002 Condition Number(s): 8
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 01/31/1995 Date Received: 02/07/1995
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER, CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: SANDRA J. CHOBY
Title: OPERATIONS & MAINTENANCE ENG. Phone: 6147468366
Date condition Determined to Exist: 01/26/1995
Condition Location: City: BURLINGTON & SUGAR GROVE State: OH

Specific Location: LINE R-301 89 MILES OF 20" PIPELINE TRAVERSING LAWRENCE,
GALLIA, ACKSON, AND VINTON COUNTIES BETWEEN BURLINGTON,
OHIO AND SUGAR GROVE, OH.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

3. Crack or material defect in LNG facility (LNG)

Product in Pipeline: NATURAL GAS

Description of Condition: RESULTS FROM AN INSTRUMENTED PIG RUN IDENTIFIED
SIXTY-NINE ANOMALIES ALONG THE LENGTH OF THE SUBJECT
PIPELINE. ANALYSIS REQUIRES THE REDUCTION OF THE
MAOP BY MORE THAN 20%.

Discovery Circumstances: RESULTS OF PIG RUN.

Significant Effects on Safety: NONE

Corrective Action Taken: INITIAL ACTION (5/10 DAY RULE): INITIAL ACTION
INCLUDED IMMEDIATE REDUCTION IN OPERATING PRESSURE TO
250 PSIG AND ESTABLISHING A TEMPORARY (B31G) MAOP OF
300 PSIG.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: EVALUATE OVERALL PIPELINE CONDITION AND
REPLACE AFFECTED SEGMENTS AS NECESSARY TO
RETURN ORIGINAL MAXIMUM ALLOWABLE
OPERATING PRESSURE.

To Begin: 02/13/1995 To Be Completed By: 04/24/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 02/07/1995 Region: CENTRAL
Date Sent To State: 02/07/1995 State/Agency: OHPSC

OPS Representative: MICHELLE M. SILVA
Date: 02/07/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/03/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: 89 MILE SECTION PATROLLED, 55 SECTIONS OF LINE CUT
OUT AND REPLACED. 93 OTHER SECTIONS IONVESTIGATED -
NO REPAIRS NECESSARY.

Date Repair Completed: 04/20/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B. HANSEN

Reviewed by: Ivan A Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/14/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: INVESTIGATOR SENT TO SUGAR GROVE TO DISCUSS
CONDITION WITH OPERATOR AND EVALUATE OPERATOR'S
ACTION CONCERNING THE SRC.

Action Taken By Operator: ISOLATED R-501 FROM R-601&R-701 THEN LOWERED
PRESSURE TO 250PSI ON SYSTEM FROM OHIO R. TO
CRAWFORD STATION EXCEPT FOR A 7MI SECTION FROM
MCARTHUR COMPRESSOR TO JUNCTION OF R-515 TO ALLOW
FOR THROUGHPUT OF GAS. SECTIONS OF PIPE WHICH ARE
NOT GOOD WILL BE REPLACED BEFORE 4/24/95.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSEN/OHIO

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950003 Condition Number(s): 8
Operator Name: SANTA FE PACIFIC PIPELINES OPID: 18119
Street Address: 888 SOUTH FIGUEROA STREET
City: LOS ANGELES State: CA ZIP: 90017

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 02/23/1995 Date Received: 02/28/1995
Reporting Official's Name: W. M. WHITE
Title: VICE PRESIDENT ENGINEERING Phone: 2134867778
Determining Person's Name: G.E. REED
Title: MAINTENANCE SUPERVISOR Phone: 9098772373
Date condition Determined to Exist: 02/23/1995
Condition Location: City: SAN DIEGO State: CA

Specific Location: SFPP LINE SECTION 122, SFPP MILE POST 70.55
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOWING AN INSPECTION ON THE LINE SECTION WITH AN INTERNAL INSPECTION TOOL.

Discovery Circumstances: DURING DATA VERIFICATION PROCESS

Significant Effects on Safety: THE PIPE WALL THICKNESS WAS LESS THAN REQUIRED FOR MAXIMUM OPERATING PRESSURE IN THREE LOCALIZED AREAS.

Corrective Action Taken: FULL ENCIRCLEMENT SLEEVES WERE INSTALLED OVER THE

LOCALIZED PITTING AREAS. OPERATING PRESSURE REDUCED TO 50% OF MAXIMUM OPERATING PRESSURE.

Shutdown: NO

Date Action Taken: 02/23/1995

Planned Follow-Up/Corrective Action: PIPE IN AFFECTED AREA TO BE REPLACED.

To Begin: 02/27/1995 To Be Completed By: 03/04/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/27/1995 Region: WESTERN
Date Sent To State: 03/27/1995 State/Agency: CASFM
OPS Representative: MICHELLE SILVA
Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/05/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CSFM CONTACTED OPERATOR TO CONFIRM INFORMATION

REPORTED. 6/30/98 received information closing this SRCR FROM CSFM.

Action Taken By Operator: OPERATING PRESSURE WAS REDUCED TO 50% MOP; FULL ENCIRCLEMENT SLEEVES WERE INSTALLED OVER THE AFFECTED AREA. OPERATOR WILL REPLACE THE AFFECTED PIPE. REPLACEMENT TO BEGIN ON 6/1/95. REPAIRS COMPLETE ON 3/9/95/JH

Date Repair Completed: 03/10/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THE ABOVE IS PER EMMETT COOPER OF THE CSFM. WILL CONFIRM REPLACEMENT

6/1/95. confirmed completion of repairs with csfm. recommend close srcr.

Prepared by: Haddow

Reviewed by: Robertson

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950004 Condition Number(s): 9
Operator Name: NORCO PIPELINE, INC. OPID:
Street Address: 280 N. COLLEGE SUITE 500
City: FAYETTEVILLE State: AR ZIP: 72702

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 03/06/1995 Date Received: 03/13/1995
Reporting Official's Name: RICK H. HOOD
Title: COORDINATOR: ENV. SAFETY & HLT Phone: 5014443507
Determining Person's Name: RICK HOOD
Title: COORDINATOR: ENV. SAFETY & HLT Phone: 5014443507
Date condition Determined to Exist: 03/06/1995
Condition Location: City: LOMAX & PONEMAH State: IL

Specific Location: BETWEEN LOMAX & PONEMAH BLOCK VALVES, IN HENDERSON
&
WARREN COUNTIES, IL

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: LOSS IN PRESSURE

Product in Pipeline: NO. 2 FUEL OIL

Description of Condition: THE LINE IS IDLE, DUE TO NORMALLY INFREQUENT
SHIPMENTS. THE MINOR LOSS IN PRESSURE WAS MONITORED
HOURLY, AND AFTER 15 HOURS, HAD DROPPED FROM 330 PSI
TO 292 PSI.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: VISUAL CHECKS ON EVERY ROAD CROSSING AND CASING
LOCATION PAYING PARTICULAR ATTENTION TO THE FEW
POPULATED AREAS AND CREEKS THAT ARE CROSSED.

Shutdown: NO

Date Action Taken: 02/06/1995

Planned Follow-Up/Corrective Action: RE-CHECK LOCATIONS AND WALK ENTIRE LINE
WHERE IT IS INACCESSIBLE BY VEHICLE.

To Begin: 02/06/1995 To Be Completed By: 03/10/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/27/1995 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/12/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE REGION DID NOT INVESTIGATE AS THE SRCR WAS NOT SUBMITTED, ONLY A PRECAUTIONARY LETTER NOTIFYING THE CRO OF A POSSIBLE SRCR FORTHCOMING.

Action Taken By Operator: RICK HOOD CONTACTED THE REGIONAL DIRECTOR AND INFORMED HIM THAT A CONDITION DID NOT EXIST ON THE NORCO SYSTEM THAT COULD BE REPORTED AS A SAFETY RELATED CONDITION.

Date Repair Completed: 03/06/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950005 Condition Number(s): 8
Operator Name: SAN DIEGO GAS AND ELECTRIC COMPANY OPID: 18112
Street Address: PO BOX 1831
City: SAN DIEGO State: CA ZIP: 92112

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/02/1995 Date Received: 03/09/1995
Reporting Official's Name: THOMAS SAUNDERS
Title: SENIOR ENGINEER, GAS CONTROL Phone: 6196964962
Determining Person's Name: GLEASON H. VERDUZCO
Title: PRINCIPAL ENGINEER Phone: 6196964960
Date condition Determined to Exist: 03/06/1995
Condition Location: City: SAN DIEGO COUNTY State: CA

Specific Location: EIGHT INCH DISTRIBUTION MAIN LOCATED AT THE SHEARER
CROSSING OF SAN LUIS REY RIVER SOUTH OF CALIFORNIA STATE
HIGHWAY 76 IN NORTHERN SAN DIEGO COUNTY.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)

Product in Pipeline: GAS

Description of Condition: SEVERE RAIN IN THE SAN DIEGO AREA RESULTED IN
RUNOFF

CAUSING THE SAN LUIS REY RIVER TO RUN MUCH HIGHER
THAN NORMAL. SAN DIEGO GAS AND ELECTRIC COMPANY'S
EIGHT INCH 400 PSIG DISTRIBUTION LINE TRAVERSING THE
RIVER AT THE LOCATION INDICATED ABOVE WAS EXPOSED
AND HAD RIVER DEBRIS DEPOSITED UP AGAINST IT. A
TRANSMISSION RIGHT-OF-WAY PATROL PERFORMED ON MARCH
6, 1995 LED TO DISCOVERY OF THE EXPOSURE OF THE
LINE. ON SUBSEQUENT INSPECTION OF THE LINE LATER
THAT DAY, IT WAS DETERMINED THAT THE LINE WAS BOWED
AND MIGHT BE EXPERENCING HIGHER THAN NORMAL
STRESSES.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: IT WAS DECIDED THAT DISTRIBUTION PRESSURE IN THE
PIPELINE SHOULD BE LOWERED UNTIL CORRECTIVE ACTION IS
TAKEN. REGULATOR STATION #1282 SOUTH OF CALIFORNIA
SATE HIGHWAY 76 NEAR RICE CANYON ROAD WAS REDUCED TO
150 PSIG ON MARCH 6, 1995. ON MARCH 7, AFTER
CONSULTATION WITH GAS SYSTEM PLANNING, THE PRESSURE

WAS FURTHER REDUCED TO 60 PSIG. MAXIMUM ALLOWABLE
OPERATING PRESSURE (MAOP) FOR THIS LINE IS 400 PSIG.
PLANS ARE UNDERWAY TO COMPLETE PERMANENT REPAIRS OF
THE LINE DURING THE SECOND QUARTER OF 1995.

Reduced Pressure From (PSI): 400 to (PSI): 150

Shutdown: NO

Date Action Taken: 03/06/1995

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: Region: WESTERN

Date Sent To State: 03/27/1995 State/Agency: CA PUC

OPS Representative: MICHELLE SILVA

Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/05/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CA-PUC CONTACTED SAN DIEGO G & E TO CONFIRM INFORMATION REPORTED. SRCR IS ACCURATE.

Action Taken By Operator: PRESSURE IN THE LINE WAS REDUCED FROM 400 TO 150 PSI

ON MARCH 6, 1995 THEN TO 60 PSI ON MARCH 7, 1995.
REPAIRS ARE TO BE COMPLETED BY OCT OR NOV 95.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REPAIRS ARE TO BE COMPLETED BY OCT OR NOV 95. SAN DIEGO G & E PLANS ON

ATTACHING THE LINE TO A NEW BRIDGE RATHER THAN TRENCHING OR BORING.

6/11/96 - PAST TELEPHONE CONVERSATIONS WITH THE CA-PUC INDICATE THAT

REPAIRS WERE COMPLETED IN THE WINTER OF 1995. ATTEMPTS TO OBTAIN WRITTEN

DOCUMENTATION HAVE FAILED DUE TO THE THEFT OF THE PUC'S COMPUTER AND

BECAUSE THEY HAVE MOVED OFFICES RECENTLY. I RECOMMEND THIS SRCR BE

CLOSED.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950006 Condition Number(s): 2
Operator Name: MOUNTAIN FUEL SUPPLY COMPANY (MFS) OPID: 12876
Street Address: 180 EAST FIRST SOUTH, P.O. BOX 11368
City: SALT LAKE CITY State: UT ZIP: 84139

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/13/1995 Date Received: 03/17/1995
Reporting Official's Name: EDWARD B. KELSEY
Title: SUPERVISOR, SYSTEM INTEGRITY Phone: 8015345650
Determining Person's Name: TERRY CARLSON
Title: OPERATIONS REP. 2 Phone: 8016746115
Date condition Determined to Exist:
Condition Location: City: ST. GEORGE, WASHING. CNTY State: UT

Specific Location: 400 WEST HILTON AVENUE (APPROX.)
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: VIRGIN RIVER FLOODING HAS WASHED OUT THE TERRAIN AND

EXPOSED A 6-INCH PLASTIC NATURAL GAS MAIN OPERATING AT 45 PSIG.

Discovery Circumstances: ST. GEORGE CITY OFFICIAL CALLED MOUNTAIN FUEL SUPPLY COMPANY MARCH 12, 1995 TO REPORT THE FLOODING CONDITION. MOUNTAIN FUEL IMMEDIATELY DISPATCHED COMPANY EMPLOYEES TO CONFIRM POTENTIAL HAZARDS AND DAMAGE.

Significant Effects on Safety: NATURAL GAS HAZARDS ARE MINIMAL DUE TO ISOLATION OF THE GAS FLOW. AT THIS TIME, NO LEAKAGE HAS OCCURRED.

Corrective Action Taken: THE 6-INCH PLASTIC MAIN HAS BEEN ISOLATED IN THE FLOODING AREA.

Shutdown: NO

Date Action Taken: 03/12/1995

Planned Follow-Up/Corrective Action: CONTINUE TO ISOLATE 6-INCH MAIN UNTIL FLOODING SUBSIDES, INSPECT THE MAIN, MAKE NECESSARY REPAIRS, AND REBURY THE MAIN. IT MAY BE NECESSARY TO RELOCATE THE MAIN WHEN THE FLOODING SUBSIDES.

To Begin: 03/13/1995 To Be Completed By: 03/31/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/27/1995 Region: WESTERN
Date Sent To State: 03/27/1995 State/Agency: UT DOC
OPS Representative: MICHELLE SILVA
Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/05/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE MONITORED ACTION TAKEN BY MOUNTAIN FUEL

SUPPLY COMPANY. CONCLUDED THAT THERE WAS NO HAZARDOUS CONDITION BECAUSE DAMAGED PIPE WAS ISOLATED FROM SYSTEM AND CUSTOMERS WERE FED GAS FROM A REROUTED DIRECTION. RECEIVED COPY OF LETTER FROM MOUNTAIN FUEL TO UT-PSC STATING THAT FINAL REPAIRS WERE MADE TO THE AFFECTED SECTION OF LINE ON APRIL 20, 1995.

Action Taken By Operator: FLOOD WATER ERODED PIPE BEDDING LEAVING SECTION OF

PIPE UNSUPPORTED. DAMAGED SECTION OF LINE WAS ISOLATED FROM SYSTEM AND GAS TO CUSTOMERS WAS REROUTED FROM ANOTHER DIRECTION. MOUNTAIN FUEL FIRST STATED THAT REPAIRS WOULD BE COMPLETED BY END OF MARCH. THEY NOW STATE THEY WILL HAVE TO WAIT UNTIL SNOW RUNOFF SUBSIDES. PROBABLY END OF APRIL. MOUNTAIN FUEL IS DESIGNING AND SCHEDULING WORK TO REROUT THIS 6" DIST. MAIN AWAY FROM ANY FUTURE FLOODING.

Date Repair Completed: 04/20/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: PER UTAH-PSC, MOUNTAIN FUEL IS ADEQUATELY ADDRESSING THIS PROBLEM. THE

6" PLASTIC DISTRIBUTION MAIN WAS RELOCATED TO PREVENT ANY REOCCURRENCE

THAT MAY BE CAUSED BY FUTURE FLOODING. RECOMMEND TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950007 Condition Number(s): 1
Operator Name: PACIFIC GAS & ELECTRIC COMPANY OPID: 15007
Street Address: 123 MISSION STREET, ROOM 1521
City: SAN FRANCISCO State: CA ZIP: 94104

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/17/1995 Date Received: 03/17/1995
Reporting Official's Name: JAMES H. POPE
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: MIKE TEARE
Title: GAS ENGINEER Phone: 2092635163
Date condition Determined to Exist: 03/16/1995
Condition Location: City: FRESNO COUNTY State: CA

Specific Location: NEAR TOWN OF HURON, RANGE 17-E TOWNSHIP 20-S, SEC.-19;
TRANSMISSION PIPELINE 300-A, MILE POST 362 NEAREST CROSS
STREETS BUTTE AND GAYLE

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: GAS

Description of Condition: EROSION OF THE ARROYO PASAJERO CREEK BED AND BANKS

CREATED A 175 FOOT UNSUPPORTED PIPE SPAN IN L-300A.

Discovery Circumstances: OBSERVED DURING PIPELINE PATROL ON MARCH 11, 1995 AT WATERWAY CROSSINGS INITIATED BY THE OPERATING FOREMAN DUE TO HIS CONCERN ABOUT WEATHER CONDITIONS.

Significant Effects on Safety: NO PRESENT EFFECTS.

Corrective Action Taken: ON MARCH 11, 1995, L-300A MAIN LINE VALVES UPSTREAM AND DOWNSTREAM OF ARROYO PASAJERO CREEK WERE CLOSED AS A PRECAUTION. NO IMMINENT HAZARD EXISTS.

Shutdown: NO

Date Action Taken: 03/11/1995

Planned Follow-Up/Corrective Action: CONTINUE MONITORING WEATHER AND EROSION

CONDITIONS. ONCE CONDITIONS ARE STABLE RESUME NORMAL OPERATIONS. PERFORM NON DESTRUCTIVE TESTS ON PIPE TO CONFIRM PIPE INTEGRITY. FURTHER ACTION WILL BE TAKEN AS REQUIRED.

To Begin: 05/01/1995 To Be Completed By: 06/01/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/27/1995 Region: WESTERN
Date Sent To State: 03/27/1995 State/Agency: CA SFM
OPS Representative: MICHELLE M. SILVA
Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/05/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CA-PUC CONTACTED P G & E AND CONFIRMED
INFORMATION REPORTED.

Action Taken By Operator: MAINLINE VALVES UPSTREAM AND DOWNSTREAM OF
AFFECTED

AREA HAVE BEEN CLOSED. P G & E PLANS TO BRIDGE THIS
175' SECTION OF PIPE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CA-PUC REPORTS NO IMMINENT HAZARD EXISTS. P G & E PLANS TO
COMPLETE

REPAIRS BY 6/1/95. 6/11/96 - PREVIOUS TELEPHONE CONVERSATIONS WITH
THE

CA-PUC INDICATE THAT REPAIRS HAVE BEEN MADE. WRITTEN
DOCUMENTATION IS

HARD TO GET DUE TO A THEFT OF THE PUC'S COMPUTER AND BECAUSE
THEY HAVE

RECENTLY RELOCATED THEIR OFFICES. I RECOMMEND THIS SRCR BE
CLOSED.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950009 Condition Number(s): 9
Operator Name: PACIFIC GAS & ELECTRIC COMPANY OPID: 15007
Street Address: 123 MISSION STREET, ROOM 1521
City: SAN FRANCISCO State: CA ZIP: 94106

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/23/1995 Date Received: 03/23/1995
Reporting Official's Name: JAMES H. POPE
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: MARK A. CABRAL
Title: SENIOR PIPELINE ENGINEER Phone: 5109433806
Date condition Determined to Exist: 03/22/1995
Condition Location: City: YOLO COUNTY State: CA

Specific Location: M.P. 246, 36" LINE 400, CACHE CREEK CROSSING
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: GAS

Description of Condition: APPROXIMATELY 75 FEET OF MAIN IS EXPOSED ON THE NORTH

SIDE OF THE CREEK WHERE APPROXIMATELY 150 FEET OF BANK HAS BEEN ERODED. THIS SECTION OF PIPELINE CONTAINS AN UNSUPPORTED SPAN OF APPROXIMATELY 40 FEET.

Discovery Circumstances: LOCATION WAS LOCATED THE EVENING OF MARCH 15, 1995

BY AERIAL PATROL.

Significant Effects on Safety: CONTINUED EROSION OF THE NORTH BANK OF THE CREEK HAS JEOPARDIZED THE CONTINUED SAFE OPERATION OF THE PIPELINE BY SUBJECTING A SIZABLE SECTION OF PIPELINE TO DAMAGE FROM DEBRIS COLLIDING WITH THE PIPELINE AND COULD POTENTIALLY OVERSTRESS THE MAIN DUE TO DEBRIS BUILD-UP ON THE UPSTREAM SIDE OF THE PIPELINE TRANSMITTING THE FORCE OF THE WATER FLOW TO THE PIPELINE. WITHOUT THE DEBRIS, THE PIPELINE'S CYLINDRICAL SHAPE PROVIDES AN EFFICIENT SURFACE FOR PASSING THE WATER FLOW THUS SUBJECTING IT TO MINIMAL STRESSES.ION OF THE PIPELINE

Corrective Action Taken: LINE 400 WAS TEKEN OUT OF SERVICE FROM M.P. 233.87,

BUCKEYE CREEK PLS TO A MAIN LINE VALVE AT M.P.
246.49. 800 PSIG IS BEING HELD IN THIS SECTION OF
PIPELINE. THE PIPELINE IS BEING MONITORED DAILY AND
WILL BE BROUGHT BACK INTO SERVICE ONCE THE CREEK HAS
SUBSIDED SUFFICIENTLY SO THAT DEBRIS IS NO LONGER A
PROBLEM.

Shutdown: YES

Date Action Taken: 03/22/1995

Planned Follow-Up/Corrective Action: PIPELINE PROTECTION, EROSION MITIGATION
AND BANK STABILIZATION MEASURES ARE BEING
EVALUATED. IMPLEMENTATION WILL OCCUR AS
SOON AS PRACTICAL DEPENDENT UPON THE
WEATHER CONDITIONS AND CREEK FLOW.

To Begin: 05/01/1995 To Be Completed By: 07/31/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 03/27/1995 Region: WESTERN

Date Sent To State: 03/27/1995 State/Agency: CA SFM

OPS Representative: MICHELLE M. SILVA

Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/05/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CA-PUC CONTACTED P G & E TO CONFIRM
INFORMATION

REPORTED.

Action Taken By Operator: LINE WAS TAKEN OUT OF SERVICE AND MONITORED ON
A

DAILY BASIS UNTIL THE CREEK LEVEL SUBSIDED. THE LINE
WENT BACK IN SERVICE ON 23 MARCH 95. PIPELINE
PROTECTION, EROSION MITIGATION AND BANK
STABILIZATION MEASURES ARE BEING EVALUATED.
IMPLEMENTATION WILL OCCUR AS SOON AS PRACTICAL
DEPENDENT UPON THE WEATHER CONDITIONS AND CREEK
FLOW.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REPAIRS ARE PLANNED TO START IN JUNE 95. 6/11/96 - PREVIOUS
TELEPHONE

CONVERSATIONS INDICATE THAT REPAIRS HAVE BEEN MADE TO THIS LINE.
WRITTEN

DOCUMENTATION IS HARD TO GET DUE TO A RECENT THEFT OF THE PUC'S
COMPUTER. ALSO THEY HAVE RELOCATED THEIR OFFICES RECENTLY. I

RECOMMEND

TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950008 Condition Number(s): 1
Operator Name: DIXIE PIPELINE COMPANY OPID:
Street Address: 1117 PERIMETER CENTER WEST, SUITE W-301
City: ATLANTA State: GA ZIP: 30338

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/23/1995 Date Received: 03/23/1995
Reporting Official's Name: C.M. ROBERTSON
Title: PROJECT ENGINEER Phone: 4043962994
Determining Person's Name: C.M. ROBERTSON
Title: PROJECT ENGINEER Phone: 4043962994
Date condition Determined to Exist: 03/20/1995
Condition Location: City: COFFEE COUNTY State: GA

Specific Location: M.P. 173.72 LINE SECTION- ALBANY TO ALMA, SECTION 24-593
1108' WEST OF CETERLINE OF GA. STATE HWY 149

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: PROPANE

Description of Condition: GENERAL CORROSION WITH SCATTERED PITS. MAXIMUM W.T.

REDUCTION 0.110". AREA EXTENDED 18' ALONG THE PIPE
AXIS FROM 9 O'CLOCK TO 12 O'CLOCK.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: LOWERED MAOP TO 550 PSIG ON 3/20/95.

Shutdown: NO

Date Action Taken: 03/20/1995

Planned Follow-Up/Corrective Action: INSTALLED ONE 7' PIECE AND ONE 5' PIECE
OF FULL WRAP AND 5 PIECES OF CLOCK SPRING
REINFORCEMENT ON 3/21/95 AND 3/22/95.
RETURNED TO NORMAL SERVICE AT 1800EST
3/22/195

To Begin: 03/21/1995 To Be Completed By: 03/22/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 03/27/1995 Region: SOUTHERN

Date Sent To State: 03/27/1995 State/Agency: GAPSC

OPS Representative: MICHELLE M. SILVA

Date: 03/27/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/17/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called Chris Robertson and asked him for the status of the safety related condition report dated 3/23/95.

Action Taken By Operator: General corrosion with scattered pits was discovered as a result of an internal inspection survey of Opelika to Alma mainlines (due to faulty coating). Immediate action was taken to lower the MAOP to 550 PSI. Installed one 7' piece and one 5' piece of full wrap and 6 pieces of clock spring reinforcement on 3/21-22/95. Returned to normal service on 3/22/95.

Date Repair Completed: 03/22/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950010 Condition Number(s): 1
Operator Name: NATIONAL FUEL GAS DISTRIBUTION CORPORATION OPID:
Street Address: 10 LAFAYETTE SQUARE
City: BUFFALO State: NY ZIP: 14208

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/30/1995 Date Received: 03/30/1995
Reporting Official's Name: DANIEL W. COUGHLIN
Title: ENGINEER IN CHARGE Phone: 7168577060
Determining Person's Name: LAWRENCE A. GIERMEK
Title: GENERAL SUPERINTENDENT Phone: 7168275549
Date condition Determined to Exist: 03/16/1995
Condition Location: City: CONCORD State: NY

Specific Location: TOWN OF CONCORD, ERIE COUNTY, NEW YORK
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: 1000 OF 2" NATURAL GAS DISTRIBUTION PIPE, OPERATING BELOW 60 PSIG, STRESSED DUE TO EROSION OF HILLSIDE CAUSED BY STREAM.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: NO IMMEDIATE ACTION TAKEN.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE TO BE REPLACED WITHIN TWO WEEKS.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 04/21/1995 Region: EASTERN

Date Sent To State: 04/21/1995 State/Agency: NY PSC

OPS Representative: MICHELLE SILVA

Date: 04/21/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/04/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: Operator replaced pipe with plastic pipe and eliminated stressed pipe condition.

Date Repair Completed: 04/01/1795

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Report sent to NY PSC. I will contact them for status update. NY PSC performed investigation of this report. Repairs have been made, report should be closed.

Prepared by: Delvone Nicholson-Meade

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950011 Condition Number(s): 4
Operator Name: SEAGAS PIPELINE COMPANY OPID:
Street Address: P.O. BOX 1967
City: HOUSTON State: TX ZIP: 77251-1967

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/04/1995 Date Received: 04/04/1995
Reporting Official's Name: J.W. BYRON
Title: PRINCIPAL ENGINEER Phone: 7136693520
Determining Person's Name: R. D. LUCAS
Title: SR. SUPERVISOR OIL & GAS PROD. Phone: 7193912161
Date condition Determined to Exist: 04/01/1995
Condition Location: City: SOUTH LOCKHART State: TX

Specific Location: 3/4 MILE NORTH OF FM1488 IN THE SOUTH LOCKHART A-211 SURVEY.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: 2ND ANOMALY INVESTIGATION FROM VETCO PIPELINE SERVICE LINE LOGGING NOTE OF MARCH 25, 1995. A LINE LOGGING TOOL "SMART PIG" WAS RUN THROUGH THE LINE AS PART OF SEAGAS PIPELINE'S ON-GOING PIPE INSPECTION PROGRAM. THE "SMART PIG" RECORDS REVEALED AN ANOMALY WHICH WAS CONFIRMED BY UNCOVERING THE PIPE AND ULTRASONIC TESTING OF THE LOCATION.DETERMINED

Discovery Circumstances: WHILE CONDUCTING TESTS WITH AN ULTRASONIC METAL

THICKNESS MEASUREMENT DEVICE.

Significant Effects on Safety: NONE

Corrective Action Taken: MAOP WAS REDUCED TO 423 PSIG IN THE FIRST PIT FINDING, THUS NO ADDITIONAL REDUCTION IN MAOP WAS REQUIRED. A PLEDCO BOLTED SPLIT SLEEVE WAS INSTALLED OVER THE PIT AT THIS LOCATION. THE PERIMETER REPAIR WILL CONSIST OF A FULL WRAP SLEEVE OF ASITM A572 GRADE 50 STEEL 1/2" WALL THICKNESS WELDED AS DESCRIBED IN THE MARCH 27 REPORT. NOTE: THE MATERIAL FOR THIS FULL WRAP SLEEVE AND THE SLEEVE FOR THE PIT REPORTED IN THE MARCH 27 REPORT WILL BE 1/2" WALL ASTM A572 GRADE 50 STEEL.

Reduced Pressure From (PSI): 624 to (PSI): 423

Shutdown: NO

Date Action Taken: 03/27/1995

Planned Follow-Up/Corrective Action: REPAIR BOTH PITS BEFORE MID-APRIL. RETURN
LINE TO 624 PSIG MAOP ONCE REPAIRED.

To Begin: 04/01/1995 To Be Completed By: 04/30/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 04/21/1995 Region: SOUTHWES

Date Sent To State: 04/21/1995 State/Agency: TXRRC

OPS Representative: MICHELLE SILVA

Date: 04/21/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/06/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONIC CONTACT WAS MADE WITH MR. J.M. BYRON,

PRINCIPLE ENGINEER ON THE SMART PIGGING PROJECT MR. BYRON STATED THAT A SPLIT SLEEVE HAD BEEN WELDED THE SPLIT WHERE THE CORROSION PIT WAS FOUND. AT SITE 2 IT WAS DETERMINED THAT LAMINATION EXISTED ON THE PIPE. THESE WERE NOT IN THE AREA OF ANY WELDS, SO THEY POSE NOT THREAT TO THE INTEGRITY OF THE PIPE. THE LAMINATION IS TO SMALL AAS TO BE IMPERCEPTIBLE TO X-RAY OR DENSITY MEASUREMENT.

Action Taken By Operator: UPON CONFIRMATION OF THE CORROSION PIT AT SITE 1, THE MAOP WAS LOWERED FROM 624 PSIG TO 423 PSIG. THE SPLIT SLEEVE WAS WELDED ON AT SITE 1, AND THE INCLUSION AT SITE 2 EVALUATED, THE MAOP WAS RAISED BACK TO 624 PSIG.

Date Repair Completed: 04/09/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: TRC/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950012 Condition Number(s): 1
Operator Name: DIXIE PIPELINE COMPANY OPID:
Street Address: 1117 PERIMETER CENTER WEST, SUITE W-301
City: ATLANTA State: GA ZIP: 30338

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/06/1995 Date Received: 04/06/1995
Reporting Official's Name: P.A. LOGSDON
Title: DISTRICT MANAGER Phone: 5046544112
Determining Person's Name: MIKE ANDERSON, CENTRAL STATES UNDERWATER
CONTRACTO
Title: LEAD DIVER Phone: 4132622155
Date condition Determined to Exist: 04/05/1995
Condition Location: City: ST.LANDRY, ST. MARTIN State: LA

Specific Location: MONT VELVIEU - RALEIGH LINE LINE BREAUX BRIDGE-KROTZ
SPRINGS IN ST. LANDRY, ST. MARTIN, LA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: PROPANE

Description of Condition: APPROXIMATELY 200" OF SUSPENDED PIPELINE NEAR
WEST

BANK. INSPECTION STOPPED AT THAT TIME BECAUSE SWIFT
RIVER CURRENT POSSIBLY ENDANGERING DIVER.

Discovery Circumstances: SCHEDULED RIVER CROSSING INSPECTION.

Significant Effects on Safety: NONE

Corrective Action Taken: PREPARATIONS BEING MADE TO DEGASS SECTION
BETWEEN

GATE VALVES.

Reduced Pressure From (PSI): 1360 to (PSI): 203

Shutdown: YES

Date Action Taken: 04/05/1995

Planned Follow-Up/Corrective Action: ALL OPTIONS ARE BEING INVESTIGATED. NO
SPECIFIC PLANS OR DATES AT THIS TIME.
PRIORITIES ARE TO (1) DEGASS BLOCKED IN
SECTION AND 2) COMPLETE THE RIVER
CROSSING SURVEY EITHER BY DIVER OR
ELECTRONICS.

To Begin: 04/05/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/21/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 04/21/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/26/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Situation investigated by WCB. Remedial action completed prior to 10 days after discovery.
Recommend Closure of SRC 950012.

Action Taken By Operator: Pipeline secured by three anchors and marked with permanent, lighted bouy and placed back in service on April 14, 1995, all under sugestions of U. S. Coast Guard. Plans to replace crossing during fall of 1995 with new crossing involving directional drilling.

Date Repair Completed: 04/14/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Larry Atwell

Reviewed by: J C Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950013 Condition Number(s): 2
Operator Name: MID-VALLEY PIPELINE COMPANY OPID:
Street Address: P.O. BOX 1057
City: OXFORD State: MS ZIP: 38655

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/13/1995 Date Received: 04/13/1995
Reporting Official's Name: M.R. DEAHL
Title: AREA SUPERINTENDENT Phone: 6012344114
Determining Person's Name: J.W. TORBET
Title: MANAGER OF PIPELINE OPERATIONS Phone: 9037570257
Date condition Determined to Exist: 04/07/1995
Condition Location: City: LAFAYETTE COUNTY State: MS

Specific Location: ABBEVILLE TO HORNSBY SECTION MVPL MP 374, SW 1/4 OF THE
NE 1/4 OF SECTION 23, TOWNSHIP 6 SOUTH, RANGE 3 WEST,
TALLAHATCHIE RIVER, LAFAYETTE COUNTY, MS

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: IT WAS FOUND THAT A SECTION 229 FT. LONG HAD BEEN
UNDERCUT AND WAS UNSUPPORTED. THE PIPE WAS 1 FT TO 6
FEET ABOVE THE RIVER BED. THE PIPE AT THIS LOCATION
IS 22", X X-52, .358" WALL THICKNESS. DISCOVERED THAT
RIGHT OF WAY HAD BEEN WASHED AWAY BY THE RIVER,
EXPOSING APPROXIMATELY 250 FT. OF 22" LINE IN THE
RIVER BOTTOM.

Discovery Circumstances: WHILE CHECKING A REPORT OF EXPOSED PIPE,
PIPELINER

DISCOVERED THAT RIGHT OF WAY HAD BEEN WASHED AWAY
BY THE RIVER, EXPOSING APPROXIMATELY 250 FT. OF
22" LINE IN THE RIVER BOTTOM. T

Significant Effects on Safety: NONE

Corrective Action Taken: THE LINE SEGMENT FROM ABBEVILLE TO HORNSBY WAS
SHUTDOWN AND ISOLATED. EQUIPMENT WAS MOBILIZED AND ON
4/9/95 THE EXPOSED PIPE WAS SUPPORTED BY THE USE OF A
CRANE AND SIDEBOOM. THE LINE SEGMENT WAS RESTARTED.
SHEET PILING WILL BE DRIVEN PARALLEL TO THE LINE TO
ISOLATE AND PROTECT THE UNSUPPORTED SECTION. GROUT
BAGS WILL THEN BE PLACED UNDER THE PIPE FOR SUPPORT.
THE EXPOSED SECTION WILL BE FILLED WITH SAND AND DIRT

AND WILL BE TOPPED OFF WITH RIP RAP MATERIAL FOR STABILITY. FINAL COMPLETION DATE FOR THE WORK WILL BE APPROXIMATELY 4/28/95.

Shutdown: YES

Date Action Taken: 04/09/1995

Planned Follow-Up/Corrective Action: SEE CORRECTIVE ACTION TAKEN.

To Begin: 04/14/1995 To Be Completed By: 04/28/1995

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 04/21/1995 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 04/21/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/17/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called and left message for M. R. Deahl to return call to OPS with status of safety related condition report dated 4/13/95.

Action Taken By Operator: A section of pipe, 229 feet long, had been undercut and was unsupported. The pipe was 1 to 6 feet above the riverbed. The pipe at this location is 22" x X-52, .358" wall thickness. Discovered that the right of way had been washed away by the river, exposing approximately 250 feet. The line segment from Abbeyville to Hornsby was shutdown and isolated. Equipment was mobilized and on 4/9/95, the exposed pipe was supported by use of a crane and sideboom. The line segment was restarted. Sheet piling was driven parallel to the line to isolate and protect the unsupported section. Grout bags were placed under the pipe for support. The exposed section was filled with sand and dirt and was topped off with rip-rap material for stability. Final completion date for the work was 4/28/95.

Date Repair Completed: 05/12/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950014 Condition Number(s): 1
Operator Name: MICHCON GAS COMPANY OPID:
Street Address: 500 GRISWOLD
City: DETROIT State: MI ZIP: 48226

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/19/1995 Date Received: 04/19/1995
Reporting Official's Name: CANJOR D. REED
Title: MGR. CODES & STANDARDS Phone: 3132566196
Determining Person's Name: GERALD WENZEL
Title: MANAGER, CORROSION DEPT. Phone: 3135777208
Date condition Determined to Exist: 04/13/1995
Condition Location: City: DEARBORN HEIGHTS State: MI

Specific Location: GULLEY RD. & MICHIGAN AVENUE IN DEARBORN HEIGHTS
MICHIGAN IN WAYNE COUNTY.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LOCALIZED ATMOSPHERIC CORROSION ON STEEL PIPELINE
SUSPENDED ON BRIDGE STRUCTURE. REDUCTION IN WALL
THICKNESS (CORROSION) CAUSED BY DRIPPAGE OF WATER
FROM HIGHWAY OVERPASS AND WATER ENTRAPPED UNDER
COATING.

Discovery Circumstances: DURING PRE-CONSTRUCTION INSPECTION OF PIPE
SCHEDULED TO BE REPLACED DUE TO PREVIOUSLY
DISCOVERED CORROSION.

Significant Effects on Safety: NONE

Corrective Action Taken: IMMEDIATE PRESSURE REDUCTION FROM 150 PSIG TO 110
PSIG, WHICH IS COMMENSURATED WITH THE MAOP FOR THE
GIVEN WALL THICKNESS.

Reduced Pressure From (PSI): 150 to (PSI): 110

Shutdown: NO

Date Action Taken: 04/12/1995

Planned Follow-Up/Corrective Action: MAIN SEGMENT-SCHEDULED FOR
REPLACEMENT

To Begin: 08/01/1995 To Be Completed By: 08/30/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 04/21/1995 Region: CENTRAL

Date Sent To State: 04/21/1995 State/Agency: MPSC
OPS Representative: MICHELLE M. SILVA
Date: 04/21/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/28/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: MAOP reduced on line which had atmospheric corrosion
leak on a bridge in Dearborn Hgts, MI. Line was
replaced and pressure returned to 150psi on 10/4/95.

Date Repair Completed: 10/01/0495

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Bruce Hansen

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950015 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/20/1995 Date Received: 04/20/1995
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR CODES & STANDARD Phone: 3046238410
Determining Person's Name: CHARLES MUTH
Title: OPERATIONS SUPERVISOR Phone: 8145835171
Date condition Determined to Exist: 04/12/1995
Condition Location: City: RIDGWAY TWP.. State: PA

Specific Location: RIDGWAY TWP., 8 MILES FROM RIDGWAY IN PA.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: CORROSION TECH. DISCOVERED THE LEAK WHILE MAKING TEST STATION READING. LEAK WAS EXPOSED ON 4/12/95. THE HOLE IN THE PIPE WAS 1/64" DIAMETER IN CLUSTER OF PITS.

Discovery Circumstances: WHILE PERFORMING TEST STATION READINGS.

Significant Effects on Safety: NONE

Corrective Action Taken: A CLAMP WAS INSTALLED ON THE PINHOLE AND A SPLIT SLEEVE WAS INSTALLED OVER THE CLAMP. THE SPLIT SLEEVE COVERED THE ENTIRE AREA OF THE CLUSTER OF PITS.

Reduced Pressure From (PSI): 822 to (PSI): 713

Shutdown: NO

Date Action Taken: 04/12/1995

Planned Follow-Up/Corrective Action: THE CATHODIC PROTECTION SYSTEM IS BEING CHANGED TO A RECTIFIED SYSTEM IN 1995.

To Begin: 04/12/1995 To Be Completed By: 04/12/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/21/1995 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 04/21/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/04/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: Jack Adams informed me that after having discovered localized pitting on the 14" 2158+66 line, a clamp was installed on the pinhole, and a sleeve was installed over the clamp. The split sleeve covered the entire area of the cluster of pits. The cathodic protection system is being changed to a rectified system in 1995.

Date Repair Completed: 04/12/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Additional Information: Leak History (last 5 years) - 1990-1, 1991-6, 1992-5, 1993-1, 1994-1. Cathodic Protection - Hot Spot, MAOP - 713 psig. AOP - 504 psig. Additional information in file.

Prepared by: Delvone Nicholson-Meade

Reviewed by: William H. Gute

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950016 Condition Number(s): 1
Operator Name: MICHCON GAS COMPANY OPID:
Street Address: 500 GRISWOLD
City: DETROIT State: MI ZIP: 48226

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/18/1995 Date Received: 04/25/1995
Reporting Official's Name: CANJOR D. REED
Title: MGR. CODES & CORROSION Phone: 3132566196
Determining Person's Name: GERALD WENZEL
Title: MANAGER, CORROSION DEPARTMENT Phone: 3135777208
Date condition Determined to Exist: 04/13/1995
Condition Location: City: DEARBORN HEIGHTS State: MI

Specific Location: GULLEY ROAD & MICHIGAN AVENUE, DEARBORN HEIGHTS, MI
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LOCALIZED ATMOSPHERIC CORROSION ON STEEL PIPELINE SUSPENDED ON BRIDGE STRUCTURE. REDUCTION IN WALL THICKNESS (CORROSION) CAUSED BY DRIPPAGE OF WATER FROM HIGHWAY OVERPASS AND WATER ENTRAPPED UNDER COATING.

Discovery Circumstances: DURING PRE-CONSTRUCTION INSPECTION OF PIPE SCHEDULED TO BE REPLACED DUE TO PREVIOUSLY DISCOVERED CORROSION.

Significant Effects on Safety: NONE

Corrective Action Taken: IMMEDIATE PRESSURE REDUCTION FROM 150 PSIG TO 110 PSIG, WHICH IS COMMENSURATE WITH THE MAOP FOR THE GIVEN WALL THICKNESS.

Reduced Pressure From (PSI): 150 to (PSI): 100

Shutdown: NO

Date Action Taken: 04/13/1995

Planned Follow-Up/Corrective Action: MAIN SEGMENT SCHEDULED FOR REPLACEMENT

To Begin: 08/01/1995 To Be Completed By: 08/30/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 05/31/1995 Region: CENTRAL

Date Sent To State: 05/31/1995 State/Agency: MPSC

OPS Representative: MICHELLE M. SILVA
Date: 05/31/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/15/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE STATE REVIEWED THE CORRECTIVE ACTION WITH

MICHCON.

Action Taken By Operator: THE OPERATOR REPLACED THE 24" BEACH ROAD MAIN THAT

WAS IDENTIFIED IN THE SRCR. THE NEW MAIN WAS INSTALLED UNDER GROUND. THE OPERATING PRESSURE HAS BEEN RESTORED TO ITS ORIGINAL OPERATING PRESSURE OF 150 PSIG.

Date Repair Completed: 10/04/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950017 Condition Number(s): 1
Operator Name: SANTA FE PACIFIC PIPELINES OPID: 18119
Street Address: 888 SOUTH FIGUEROA STREET
City: LOS ANGELES State: CA ZIP: 90017

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/21/1995 Date Received: 04/26/1995
Reporting Official's Name: D.R. QUINN
Title: MANAGER, PIPELINE ENGINEER Phone: 2134867780
Determining Person's Name: R. J. PLISKA
Title: PROJECT ENGINEER Phone: 2134867755
Date condition Determined to Exist: 04/21/1995
Condition Location: City: GRAYSON State: CA

Specific Location: GRAYSON, CALIFORNIA IN STANTISLAUS COUNTY
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: GENERALIZED CORROSION ALONG APPROXIMATELY 15 FEET OF PIPE.

Discovery Circumstances: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOWING AN INSPECTION OF THE PIPELINE WITH AN INTERNAL INSPECTION TOOL.

Significant Effects on Safety: THE PIPE WALL THICKNESS WAS LESS THAN REQUIRED FOR MAXIMUM OPERATING PRESSURE.

Corrective Action Taken: OPERATING PRESSURE RESTRICTION TO 65% OF MAXIMUM OPERATING PRESSURE.

Shutdown: NO

Date Action Taken: 04/21/1995

Planned Follow-Up/Corrective Action: FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVE WILL BE PLACED ON THE PIPELINE.

To Begin: 04/27/1995 To Be Completed By: 04/27/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/31/1995 Region: WESTERN
Date Sent To State: 05/31/1995 State/Agency: CASFM
OPS Representative: MICHELLE SILVA
Date: 05/31/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/01/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FAXED COPY OF SRCR TO CSFM ON 6/5/95. CSFM IS TO COMPLETE FORM AS APPROPRIATE AND RETURN TO REGION.

Action Taken By Operator: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOOWING AN INSPECTION OF THE PIPELINE WITH AN INTERNAL INSPECTION TOOL. GENERALIZED CORROSION WAS DISCOVERED ALONG APPROX. 15 FEET OF PIPE. OPERATOR REDUCED PRESSURE TO 65% OF MAX OPERATING PRESSURE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVE WILL BE PLACED ON THE

PIPELINE. 6/11/96 LINE WAS SLEEVED ON 4/27/96. CSFM HAS VERIFIED COMPLETION OF REPAIRS. RECOMMEND TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950018 Condition Number(s): 1
Operator Name: TEXACO PIPELINE INCORPORATED OPID: 19226
Street Address: P.O. BOX 711
City: CUSHING State: OK ZIP: 74023

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/26/1995 Date Received: 05/02/1995
Reporting Official's Name: BOYD VRATIL
Title: AREA MANAGER Phone: 9182253469
Determining Person's Name: PHIL SMITH
Title: MANAGEMENT ASSISTANT Phone: 9182253469
Date condition Determined to Exist: 04/26/1995
Condition Location: City: MARLAND State: OK

Specific Location: NE 1/4, SECTION 7, T24N, R2E, NOBLE COUNTY, OK - 2 MILES
NE OF MARLAND, OKLAHOMA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: EXTERNAL CORROSION

Discovery Circumstances: SMALL LEAK (2 GALLONS) DISCOVERED BY ARIAL PIPELINE PATROL.

Significant Effects on Safety: REDUCTION IN WALL THICKNESS REQUIRING PRESSURE REDUCTION AT SUBJECT LOCATION.

Corrective Action Taken: PRESSURE REDUCTION.

Shutdown: NO

Date Action Taken: 04/26/1995

Planned Follow-Up/Corrective Action: EXCAVATE AND INSPECT TO DETERMINE IF FURTHER ACTION NECESSARY.

To Begin: 06/28/1995 To Be Completed By: 07/12/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/31/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 05/31/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/01/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Communicated with Texaco. Agreed to remedial
Action.

Action Taken By Operator: Texaco decided to inactivate this line as a result
of failure due to flooding of Salt Fork of Arkansas
River. Pipeline purged of Crude and filled with
nitrogen on July 12, 1995.

Date Repair Completed: 01/01/0729

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Larry Atwell

Reviewed by: James C. Thomas
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950019 Condition Number(s): 1
Operator Name: TRANSOK, INC. OPID: 19590
Street Address: 2 W. 6TH STREET, P.O. BOX 3008
City: TULSA State: OK ZIP: 74101-3008

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/12/1995 Date Received: 05/12/1995
Reporting Official's Name: GENE HEATHCOTT
Title: DISTRICT MANAGER Phone: 9182247430
Determining Person's Name: MIKE OSBORN
Title: PIPELINER IV Phone: 9182247430
Date condition Determined to Exist: 05/09/1995
Condition Location: City: TULSA State: OK

Specific Location: TULSA OKLAHOMA NEAR JENKS, OKLAHOMA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: SEVERE EROSION DEVELOPED ON THE EASTERN BANK OF POLECAT CREEK DUE TO FLOODING AFTER SEVERAL DAYS OF HEAVY RAINS. THE EROSION UNDERMINED THE "H" BRACE SUPPORTING THE 24" PIPELINE CAUSING IT TO DROP APPROXIMATELY 6'. THE CROSSING SAGGED PUTTING INCREASED STRESS ON THE 45 DEGREE ELBOWS ASCENDING THE THE OVERHEAD CROSSING.

Discovery Circumstances:

Significant Effects on Safety: THIS PIPELINE OPERATES AT 600 PSI MAOP AND SERVES TWO LARGE ELECTRICAL GENERATING STATIONS IN THE TULSA AREA.

Corrective Action Taken: APPROXIMATELY 1.5 MILES OF PIPE WAS ISOLATED AND BLOWN DOWN TO RELIEVE ANY POTENTIAL DANGER. A CONTRACTOR WAS ON SITE AT 8:00AM ON 5/12/95 TO SECURE THE UPRIGHT SUPPORT AND BEGIN THE PROCESS OF REMOVING THE OVERHEAD CROSSING BECAUSE THE EROSION WAS SO SEVERE THAT THE CROSSING COUND NOT BE RESUPPORTED. A CONTRACTOR WAS ALSO ON SITE AT 8:00 TO BEGIN SURVEYS & ENGINEERING FOR A DIRECTIONAL BORE OF THE CREEK TO RECONNECT THE PIPELINE. THE BORE IS ESTIMATED AT 1200 FEET IN LENGHT. THE EXPECTED OUTAGE IS 10 TO 14 DAYS DEPENDING ON COOPERATION OF THE WEATHER.

Reduced Pressure From (PSI): 600

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: RECONNECT THE PIPELINE.

To Begin: 05/12/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 05/31/1995 Region: SOUTHWES

Date Sent To State: 05/31/1995 State/Agency: OK CC

OPS Representative: MICHELLE SILVA

Date: 05/31/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/08/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE DEPARTMENT (OCC) ON MAY 19, 1995, INSPECED THE SITE. TRANSOK HAD THE LINE ISOLATED AND BLOWN DOWN. THE CREEK BANK ON THE EAST SIDE HAD ERODED TO THE POINT THAT THE OVERHEAD CREEK CROSSING SUPPORT ON EAST SIDE OF THE CREEK WAS IN DANGER OF COLLAPSING.

Action Taken By Operator: UPON DETERMINING THAT THE OVERHEAD SUPPORT ON THE

EAST SIDE OF THE CREEK COULD NOT BE REPAIRED, TRANSOK ISOLATED AND BLEW THE PIPELINE DOWN. TRANSOK ELECTED TO BORE THE CREEK INSTEAD OF ATTEMPTING TO PUT IN ANOTHER SUPPORT. BORING OPERATIONS COMMENCED ON MAY 16, 1995 AND WAS COMPLETED ON MAY 23, 1995. THE LINE WAS PLACE BACK IN OPERATION ON MAY 25, 1995.

Date Repair Completed: 05/25/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DENNIS FOTHERGILL/T. BINNS

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/11/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE DEPARTMENT ON MAY 19, 1995, INSPECTED THE SITE. TRANSOK HAD THE LINE ISOLATED AND BLOWN DOWN. THE CREEK BANK ON THE EAST SIDE HAD ERODED TO THE POINT THAT THE OVERHEAD CREEK CROSSING SUPPORT ON EAST SIDE OF THE CREEK WAS IN DANGER OF COLLAPSING.

Action Taken By Operator: UPON DETERMINING THAT THE OVERHEAD SUPPORT ON THE

EAST SIDE OF THE CREEK COULD NOT BE REPAIRED, TRANSOK ISOLATED AND BLEW THE PIPELINE DOWN. TRANSOK ELECTED TO BORE THE CREEK INSTEAD OF ATTEMPTING TO PUT IN ANOTHER OVERHEAD SUPPORT. BORING OPERATIONS COMMENCED ON 05/16/1995 AND WERE COMPLETED ON 05/23/1995. THE LINE WAS PLACED BACK IN OPERATIONS ON 05/25/1995.

Date Repair Completed: 05/25/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THE CONDITION NUMBER AS REPORTED IN THE SAFETY RELATED CONDITION REPORT

IS INCORRECT. IT WAS REPORTED AS A NUMBER 1 (GENERAL CORROSION OR CORROSION PITTING ON GAS OR LIQUID PIPELINE OPERATED AT 20% OR MORE OF

SMYS). THE OPERATOR'S FAXED REPORT INDICATES THE REPORT INDICATES THE

REPORT WAS FILED AS A RESULT OF SEVER EROSION TO A OVERHEAD PIPELINE SUPPORT.

Prepared by: DENNIS FOTHERGILL/OCC

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950020 Condition Number(s): 4
Operator Name: SEAGAS PIPELINE COMPANY OPID:
Street Address: P.O. BOX 1967
City: HOUSTON State: TX ZIP: 77251-1967

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/22/1995 Date Received: 05/25/1995
Reporting Official's Name: J.W. BYRON
Title: PRINCIPAL ENGINEER Phone: 7136693520
Determining Person's Name: R. D. LUCAS
Title: SR. SUPERVISOR OIL & GAS PROD. Phone: 7193912161
Date condition Determined to Exist: 05/18/1995
Condition Location: City: KAUFMAN COUNTY State: TX

Specific Location: MARIE D. SOTO A455 SURVEY. THREE MILES NORTH OF STATE
HIGHWAY 85 AND 1 1/2 MILE WEST OF FM2613.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ON MAY 17, 1995 AT 16:25 A.M., A CONTRACTOR (J&L UTILITIES) REPORTED TO SEAGAS DISPATCHER THAT THE LINE HAD BEEN HIT. INSPECTION OF THE DAMAGE FOUND 0.144 INCHES OF METAL REMOVED BY THE CONTACT. THE DIG HAD NOT BEEN REPORTED TO A ONE-CALL SYSTEM. THE PIPELINE CARRIES NATURAL GAS WITH AN MAOP OF 584 PSIG.

Discovery Circumstances: MAY 17, 1995 AT 16:25 A.M. REPORTED TO SEAGAS DISPATCHER BY J&L UTILITIES WORKING FOR KAUFMAN ELECTRICAL CORP.

Significant Effects on Safety: NONE

Corrective Action Taken: THE LINE SEGMENT WAS ISOLATED AND DEPRESSURED TO ABOUT 280 PSIG. THE DAMAGED AREA WAS CLEANED AND ALL "V" GROOVING WAS REMOVED. A TEMPORARY REPAIR WAS MADE WITH A PLIDCO SS0-3000 SPLIT SLEEVE - DETAILS ON THE SLEEVE WERE DISCUSSED WITH AND FAXED TO MR. JAMES ALEXANDER OF THE TEXAS RAILROAD COMMISSION. PIPELINE WAS RETURNED TO SERVICE WITH NO REDUCTION IN MAOP.

Shutdown: NO

Date Action Taken: 05/18/1995

Planned Follow-Up/Corrective Action: PIPELINE IS TARGETED FOR SHUT DOWN IN

4Q1995 OR 1Q 1996. AT THAT TIME THE
DAMAGED SEGMENT OF LINE WILL BE REPLACED
WITH A PRETESTED SEGMENT OF PIPE.

To Begin: 05/11/1995 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/02/1995 Region: SOUTHWES
Date Sent To State: 06/02/1995 State/Agency: TXRRC
OPS Representative: MICHELLE SILVA
Date: 06/02/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/10/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON JANUARY 9, 1996, JAMES ALEXANDER OF THE RCT, PIPELINE SAFETY SECTION, REGION 3, CONTACTED JOHN BYRON, PRINCIPLE ENGINEER FOR SEAGAS PIPELINE COMPANY, WHO WAS THE OFFICIAL RESPONSIBLE FOR REPORTING THE SRCR, ON MAY 22, 1995. SINCE SEAGAS PIPELINE COMPANY NO LONGER OWNS OR OPERATES THIS PIPELINE AND THE LINE HAS BEEN TEMPORATILY BEEN TAKEN OUT OF SERVICE BY ARCO, THE SRCR #950020 SHOULD BE CLOSED OUT.

Action Taken By Operator: BYRON STATED NOVEMBER 29, 1995, WAS THE LAST DAY OF

OPERATION FOR TRANSPORTING NATURAL GAS BY SEAGAS PIPELINE COMPANY. ON DECEMBER 1, 1995, THE LINE WAS SOLD AS A JOINT VENTURE WITH ARCO AND PHILLIPS PETROLEUM WITH ARCO BEING THE MAJORITY OWNER AND THE OPERATOR. ACCORDING TO BYRON THE PIPELINE HAD 10 PSIG ON THE SYTEM DURING THE SALES TRANSACTION WHICH OCCURRED ON DECEMBER 14, 1995. ARCO WAS TO HAVE DEPRESSURED, THEN PURGED THE LINE WITH NITROGEN SO ARCO COULD BEGIN UPRATING THE PIPELINE FOR CONVERSION OF SERVICE FROM NATURAL GAS TO LIQUID.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS PARTICULAR LINE BEGINS APPROXIMATELY 60 MILES SOUTH OF HOUSTON AND

WILL END AT A HUB TANK FARM IN CUSHING, OKLAHOMA, WHICH WILL PROBABLY

FALL UNDER THE JURISDICTION OF DOT. THEREFORE, DOT/OPS WILL VERIFY WITH

ARCO, THAT THE SRCR WAS REPLACED WITHA PRETESTD SEGMENT OF PIPE.

Prepared by: JAMES ALEXANDER/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/24/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: JAMES ALEXANDER A REPRESENTATIVE FOR THE RAILROAD COMMISSION OF TEXAS, PIPELINE SAFETY SECTION, REGION 3, FOLLOWED-UP ON THE TELEPHONIC NOTICE BY DISCUSSING THE PLEDCO-SLIT SLEEVE TEMPORARY REPAIR, PROJECTED PERMANENT REPAIR METHOD AND/COMPLETION DATE. THE SUBMISSION OF THE SRCR APPEARS TO BE ADEQUATE.

Action Taken By Operator: SEE ATTACHED SRCR FILED BY SEAGAS PIPELINE COMPANY

DATED MAY 22, 1995.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ESTIMATED PERMANENT REPAIR COMPLETION DATE 4TH QUARTER OF 1995 OR 1ST

QUARTER OF 1996.

Prepared by: JAMES ALEXANDER/TRC

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950021 Condition Number(s): 4
Operator Name: PHILLIPS PIPE LINE COMPANY OPID:
Street Address: 390 ADAMS BUILDING
City: BARTLESVILLE State: OK ZIP: 74004

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/01/1995 Date Received: 06/01/1995
Reporting Official's Name: K.M. CASEY
Title: TECHNICAL SERVICES SPECIALIST Phone: 9186613180
Determining Person's Name: K.M. CASEY
Title: TECHNICAL SERVICES SPECIALIST Phone: 9186613180
Date condition Determined to Exist: 05/27/1995
Condition Location: City: SEDALIA State: KS

Specific Location: THREE MILES SOUTH OF SEDALIA, KS ON HWY 65
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: REFINED PRODUCT

Description of Condition: A CALIPER PIG SURVEY REPORT OBTAINED ON 5/27/95 REVEALED ONE LOCATION OF POTENTIAL MECHANICAL DEFORMATION GREATER THAN 6% OF THE NOMINAL PIPE DIAMETER.

Discovery Circumstances: RESULTS OF CALIPER PIG SURVEY.

Significant Effects on Safety: NONE

Corrective Action Taken: RERAN CALIPER TOOL ON 5/30/95 WHICH DUPLICATED THE 5/27/95 REPORT. PIPELINE WAS SHUTDOWN FOR REPORT ANALYSIS AND RISK ASSESSMENT.

Shutdown: YES

Date Action Taken: 05/30/1995

Planned Follow-Up/Corrective Action: CONTINUE INVESTIGATION OF REPORTED DEFORMATION. VISUAL LOCATION OF REPORTED DAMAGE IS SCHEDULED TO BE COMPLETED BY 6/11/95. IF PIPING IS FOUND TO BE DAMAGED, IT WILL BE REPAIRED OR REPLACED. THE ESTIMATED COMPLETION DATE IS 6/12/95. LINE OPERATION PRIOR TO COMPLETION OF REPAIRS INCLUDE MONITORING PRESSURE (SCADA) AND TAKING APPROPRIATE ACTIONS TO REDUCE OPERATING PRESSURE AT THE SITE IF THE OPERATING PRESSURE EXCEEDS 400 PSIG.

To Begin: 05/30/1995 To Be Completed By: 06/12/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/02/1995 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 06/02/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/01/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REGION TRACKED TIME FROM NOTIFICATION OF
POSSIBLE DEFORMATION OF PIPE FROM PIG DATA TILL
LINE WAS REPAIRED.

Action Taken By Operator: SECTION OF LINE FOUND BY PIG WAS CUT OUT AND
REPLACEMENT SECTION WAS INSTALLED 06/08/1995. LINE
WAS RETURNED TO OPERATION ON MORNING OF 6/09/1995.

Date Repair Completed: 06/08/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by: IVAN A.HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950022 Condition Number(s): 4
Operator Name: COLUMBIA GAS TRANSMISSION CORPORATION OPID:
Street Address: P.O. BOX 1273/1700 MACCORKLE AVE SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/25/1995 Date Received: 05/25/1995
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER CODES & STANDARDS Phone: 3043572349
Determining Person's Name: LEROY REZA
Title: TRANSMISSION MECHANIC Phone: 4194223572
Date condition Determined to Exist: 05/23/1995
Condition Location: City: OAK HARBOR, OTTAWA State: OH

Specific Location: NEAR MUD CREEK ROAD SOUTH OF NINE MILE CREEK
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: WELDING SLAG (RESIDUAL FROM RECENT WELDING PROJECT)

FOULED CONTROL REGULATOR CAUSING PRESSURE TO RISE ABOVE MAOP. MONITOR REGULATOR FAILED TO CORRECT THE CONDITION AND PRESSURE INCREASED ABOVE 160 PSIG MAOP TO 210 PSIG (13% SMYS). THERE WAS NO RESULTANT DAMAGE OR MISHAPS.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: INITIAL ACTION: IMMEDIATELY REMOVED WELDING SLAG, CHECKED REGULATORS, CONDUCTED A DOWNSTREAM PIPELINE INSTRUMENT LEAK SURVEY AND REVIEWED ALL DOWNSTREAM FACILITIES/EQUIPMENT FOR DAMAGE. NO DAMAGE OR LEAK WAS DISCOVERED. SYSTEM RETURNED TO NORMAL OPERATION.

Shutdown: NO

Date Action Taken: 05/23/1995

Planned Follow-Up/Corrective Action: CONDUCT WELDER NOTIFICATION TO ASSURE FUTURE REMOVAL AND CLEANUP OF WELDING SLAG WHEN WELDING AT/NEAR MEASUREMENT AND REGULATOR STATIONS.

To Begin: 05/23/1995 To Be Completed By: 05/25/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/02/1995 Region: CENTRAL
Date Sent To State: 06/02/1995 State/Agency: OHPUC
OPS Representative: MICHELLE SILVA
Date: 06/02/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/21/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE MET WITH OPERATOR TO DISCUSS THE EVENTS
AT

REG STA #1447-t

Action Taken By Operator: SEE ATTACHED LETTER DATED JUNE 28, 1995 DETAILING
ACTIONS TAKEN. OPERATOR INSPECTED EQUIPMENT AND
CHECKED SYSTEM FOR LEAKS.

Date Repair Completed: 06/23/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B. HANSEN

Reviewed by: Ivan A. Huntoon
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950023 Condition Number(s): 9
Operator Name: PACIFIC GAS & ELECTRIC COMPANY OPID: 15007
Street Address: 123 MISSION STREET, ROOM 1521
City: SAN FRANCISCO State: CA ZIP: 94106

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/23/1995 Date Received: 06/06/1995
Reporting Official's Name: JAMES H. POPE
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: ANDREW M. KELLY
Title: GAS TRANSMISSION ENGINEER Phone: 4089956239
Date condition Determined to Exist: 05/22/1995
Condition Location: City: CHUALAR State: CA

Specific Location: PG&E GAS TRANSMISSION LINE #187 NEAR SPENCER RD. IN
CHUALAR, MONTEREY COUNTY, CALIFORNIA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: THIRD PARTY DAMAGE

Product in Pipeline: GAS

Description of Condition: A FARMER TILLING HIS FIELD STRUCK THE 8" STEEL 313
PSIG MAOP TRANSMISSION LINE 187 AND RIPPED A SERVICE
TEE OFF THE GAS MAIN. TEMPORARY REPAIRS WERE MADE
THAT KEPT THIS DEAD ENDED LINE IN SERVICE. AT LEAST
50' OF PIPE WAS DAMAGED IN ADDITION TO THE SERVICE.
THE PIPELINE IS IN A CLASS I LOCATION AND IS AT
17.1% OF SMYS AT THE 313 PSIG MAOP AND IS AT 12% OF
SMYS AT THE REDUCED TEMPORARY PRESSURE.

Discovery Circumstances: THE FARMER'S EQUIPMENT OPERATOR CALLED IN AND
REPORTED THE LEAK.

Significant Effects on Safety: DAMAGE TO THE PIPE COULD CAUSE SAFETY
CONCERNS.

Corrective Action Taken: A "SAVE A VALVE" FITTING WAS WELDED OVER THE LEAK.
THIS WILL BE REPLACED AS NEW PIPELINE IS INSTALLED TO
REPLACE THE DAMAGED LINE. TRANSMISSION LINE PRESSURE
WAS REDUCED FROM 313 PSIG TO 220 PSIG AS A
PRECAUTIONARY MEASURE UNTIL THE DAMAGED PIPE SECTION
IS REPLACED. AL

Reduced Pressure From (PSI): 313 to (PSI): 220
Shutdown: NO

Date Action Taken: 05/20/1995

Planned Follow-Up/Corrective Action: AN ADDITIONAL 150 FEET OF THE LINE WILL

BE EXPOSED AND INSPECTED FOR DAMAGE.
DAMAGED PIPE WILL BE REPLACED.

To Begin: 05/20/1995 To Be Completed By: 06/02/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/06/1995 Region: WESTERN
Date Sent To State: 06/06/1995 State/Agency: CA SFM
OPS Representative: MICHELLE M. SILVA
Date: 06/06/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/13/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CA-PUC CONTACTED THE OPERATOR AND CONFIRMED THE

SRCR. A FARMER HIT THE LINE WITH HIS PLOW &
RIPPED A SERVICE TEE OFF OF THE GAS MAIN.

Action Taken By Operator: TEMPORARY REPAIRS WERE MADE THAT KEPT THIS
DEAD

ENDED LINE IN SERVICE. 50' OF PIPE WAS DAMAGED IN
ADDITION TO THE SERVICE. A SAVE-A-VALVE FITTING WAS
WELDED OVER THE LEAK. THIS WILL BE REPLACED AS NEW
PIPELINE IS INSTALLED TO REPLACE THE DAMAGED LINE.
PRESSURE WAS REDUCED FROM 313 TO 220 PSIG. AN
ADDITIONAL 150' OF PIPE WILL BE EXPOSED AND
INSPECTED FOR DAMAGE/REPLACED AS APPROPRIATE.

Date Repair Completed: 06/26/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THE OPERATOR PERFORMED THE EXTENDED INSPECTION AND REPLACED
750' OF NEW

PIPE. RECOMMEND THAT THIS SRCR BE CLOSED.

Prepared by: KATCHMAR

Reviewed by: Ondak

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950024 Condition Number(s): 1
Operator Name: EXXON COMPANY, U.S.A. OPID: 5
Street Address: P.O. BOX 4358
City: HOUSTON State: TX ZIP: 77210-4358

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/09/1995 Date Received: 06/15/1995
Reporting Official's Name: JOHN LANE
Title: REGULATORY SPECIALIST Phone: 7137756085
Determining Person's Name: JON PENNY
Title: OPERATIONS SUPERINTENDENT Phone: 7137756214
Date condition Determined to Exist: 06/07/1995
Condition Location: City: KLEBERG COUNTY State: TX

Specific Location: 4 MILES WEST OF ALAZAN COMPRESSOR STATION OR APPROX.
2

MILES EAST OF THE TEXAS EASTERN TIE-IN

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: GAS

Description of Condition: CORROSION TECHNICIAN WAS PERFORMING REPLACEMENT OF A

NEGATIVE RECTIFIER CABLE (INCREASING CABLE SIZE) AND IDENTIFIED AN AREA OF EXTERNAL CORROSION ON THE TOP OF THE PIPE WHERE COATING WAS DISBONDED (5/31/95). AN APPROXIMATELY 7' SECTION OF THE PIPE WAS EXCAVATED ON 6/1/95. VISUAL EXAMINATION INDICATED A SPLIT IN THE COATING ALONG THE 12 O'CLOCK POSITION AND COATING DISBONDMENT.

Discovery Circumstances: WHILE PERFORMING A REPLACEMENT OF A NEGATIVE RECTIFIER CABLE.

Significant Effects on Safety: NONE

Corrective Action Taken: APPROXIMATELY 7' SECTION OF THE PIPE WAS EXCAVATED ON

6/1/95. VISUAL EXAMINATION INDICATED A SPLIT IN THE COATING ALONG THE 12 O'CLOCK POSITION AND COATING DISBONDMENT. REMOVAL OF THE COATING AT THE TOP OF THE PIPE REVEALED THE PRESENCE OF EXTERNAL CORROSION PITTING. PIT GAGE AND UT MEASUREMENTS WERE TAKEN WHERE POSSIBLE. WALL THICKNESS READINGS RANGED FROM .101" TO .340". BASIC B31.8 HOOP STRESS CALCULATIONS

YIELDED AN MAOP OF 364 PSI USING THE MINIMUM WALL THICKNESS OF .101". ASME B31G CALCULATIONS WERE PERFORMED TO CHARACTERIZE THE EXTENT OF THE PITTING AND ITS EFFECT ON THE MAOP. B31G CALCULATIONS REVEALED AN MAOP OF 400 PSI.

Shutdown: YES

Date Action Taken: 06/01/1995

Planned Follow-Up/Corrective Action: LINE PRESSURE WAS BROUGHT DOWN TO 355 PSIG AND RELIEF DEVICES SET AT 400 PSIG. CURRENTLY SCOPING THE MAINTENANCE PIGGING AND SUBSEQUENT SMART PIGGING OF THE LINE BETWEEN LAGUNA LARGA AND KING RANCH GAS PLANT. BASED ON SMART PIGGING RESULTS, ALL AREAS IN NEED OF REPAIR OR RECOATING WILL BE DETERMINED. TENTATIVE TIMING TO INITIATE PIGGING IS APPROXIMATELY 3 WEEKS. THE TIMING FOR REPAIRS WOULD DEPEND UPON THE EXTENT OF DAMAGE FOUND IN THE SMART PIG RUNS.

To Begin: 06/01/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/19/1995 Region: SOUTHWES

Date Sent To State: 06/19/1995 State/Agency: TXRRCOM

OPS Representative: MICHELLE SILVA

Date: 06/19/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/10/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACTED EXXON COMPANY U.S.A.

Action Taken By Operator: EXXON RAN A SMART PIG THROUGH THE PIPELINE WHICH

SHOWS CORROSION IS NOT DEEP ENOUGH TO WARRANT REDUCTION OF MAOP. STARTING MONDAY DECEMBER 11, 1995, EXXON WILL RECOAT 700' OF THE PIPELINE AND USE A SMART PIG EVERY 3 YEARS TO MONITOR PIPELINE.

Date Repair Completed: 12/21/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DON GAULT, TRC

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/08/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/26/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: VERIFIED REDUCTION OF OPERATING PRESSURE TO 355

PSIG WITH PRESSURE RELIEF VALVES SET AT 1400 PSIG. OPERATOR IS CURRENTLY SCHEDULING A SMART PPIGGING OPERATION FOR THIS PIPELINE. A FOLLOW-UP REPORT HAS BEEN REQUESTED, PENDING RESULTS OF SMART PIGGING OPERATION.

Action Taken By Operator: OPERATOR REDUCED OPERATING PRESSURE TO 355 PSIG AND

RESET RELIEF VALVES AT 400 PSIG. THEY ARE CURRENTLY SCHEDULING INTERNAL INSPECTION DEVICE FOR THIS PIPELINE. PERMANENT REPAIRS WILL BE MADE BASED ON RESULTS OF SMART PIG.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REQUESTED RESULTS OF SMART PIG OPERATIONS AND PLAN OF CORRECTION BASED ON THOSE RESULTS.

Prepared by: DON R. GAULT/TRC

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950025 Condition Number(s): 2
Operator Name: KANEB PIPE LINE COMPANY OPID:
Street Address: 100 NORTH BROADWAY, SUITE 550
City: WICHITA State: KS ZIP: 67202

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/14/1995 Date Received: 06/14/1995
Reporting Official's Name: LEROY ANDERSON
Title: MGR. REGULATORY AFFAIRS Phone: 3162621408
Determining Person's Name: LEROY ANDERSON
Title: MGR. OF REGULATORY AFFAIRS Phone: 3162621408
Date condition Determined to Exist: 06/08/1995
Condition Location: City: NORFOLK State: NE

Specific Location: RURAL LOCATION APPROXIMATELY 1.5 MILES SOUTHWEST OF
NORTH NEBRASKA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: GASOLINE/FUEL OIL

Description of Condition: FLOODING CONDITIONS CAUSED EROSION OF RIVER BANK WHICH RESULTED IN 60 TO 70 FEET OF A 6" AND 8" PIPELINE BECOMING EXPOSED TO THE CURRENT FLOW OF THE ELKHORN RIVER. THIS CONDITION DOES NOT PROVIDE ADEQUATE SUPPORT OF THE PIPELINE. BOTH THE 6" AND 8" LACKED SUPPORT VERTICALLY AND HORIZONTALLY. THE 5

Discovery Circumstances: ROUTINE VISUAL CHECK OF RIVER CROSSING TO DETERMINE CONDITION DUE TO FLOODING.

Significant Effects on Safety: NONE

Corrective Action Taken: BOTH PIPELINES WERE SHUT DOWN AT 15:25 HOURS. JUNE 5,

1995. PRESSURE WAS REDUCED TO ZERO ON EACH LINE. BLOCK VALVES WERE CLOSED ON EACH LINE TO ISOLATE SECTIONS INVOLVED. ON JUNE 8, CREWS INSTALLED PROTECTIVE PILING AND SUPPORT CLAMPS TO SECURE, STABILIZE AND PROTECT BOTH THE 6" AND 8" PIPELINES. BOTH LINES WERE RETURNED TO SERVICE AT 16:16 HOURS, JUNE 8, 1995. VISUAL INSPECTION IS PERFORMED DAILY AND WILL CONTINUE UNTIL THE RIVER RECEDES TO AN ACCEPTABLE LEVEL.

Shutdown: YES

Date Action Taken: 06/15/1995

Planned Follow-Up/Corrective Action: VISUAL INSPECTION IS PERFORMED DAILY AND
WILL CONTINUE UNTIL THE RIVER RECEDES TO
AN ACCEPTABLE LEVEL.

To Begin: 06/05/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 06/19/1995 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 06/19/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/08/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FOLLOW-UP PHONE CALL MADE ON 6/9/95 TO OPERATOR

TO GET AN UPDATE ON THE CONDITION OF THE 6" & 8" LINES. THE LINES WERE EXPOSED AT THE ELKHORN RIVER CROSSING BECAUSE FLOODING CONDITIONS CAUSED EROSION OF RIVER BANK.

Action Taken By Operator: LINES WERE STABILIZED BY INSTALLING TWO POSTS OF 8"

HEAVY WALL PIPE 20' DEEP. THE LINES WERE THEN CLAMPED TO THE PIPE AND MADE SECURE. TWO ADDITIONAL 8" POSTS WERE INSTALLED AT A DEPTH OF 18' AND CLAMPED TO THE 6" & 8" LINES FOR ADDED SECURITY. LINES BACK IN OPERATION ON 6/8/95.

Date Repair Completed: 06/08/1995

Resulted in Incidents After Report: NO

Date of Incident: 06/05/1995

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: LINES WERE PLACED BACK INTO OPERATION AT NORMAL OPERATING PRESSURE AT

APPROXIMATELY 6:00PM CST ON 6/8/95. Additonal follow-up revealed that Kaneb will be installing a new river crossing at this site, Elkhorn River. Contract awarded to Murphy Bros. Inc. Job will begin on 11/30/95 and is scheduled to last for approximately 2 weeks. Letter dated 12/27/95 from Kaneb Pipe Line Co. states that Kaneb sucessfully completed the installation of the new Elhorn River crossing for both the 6" and 8" pipelines. The project ran from Dec. 5-18, 1995. Kaneb has abandoned the former crossings and intend to remove them from the river bed when conditions are favorable.

Prepared by: JAMES REYNOLDS

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950026 Condition Number(s): 4
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 06/28/1995 Date Received: 06/28/1995
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER, CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: STAN PARRISH
Title: OPERATIONS & MAINTENANCE ENG. Phone: 7034656428
Date condition Determined to Exist: 06/23/1995
Condition Location: City: VALLEY BEND/BEVERLY State: WV

Specific Location: VALLEY BEND & BEVERLY IN RANDOLPH COUNTY, WV LINE
WB

LOOP

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: RESULTS FROM AN INSTRUMENTED PIG RUN IDENTIFIED ANOMALIES ALONG THE LENGTH OF THE SUBJECT PIPELINE. ANALYSIS AND PHYSICAL INSPECTION RESULTED IN REDUCTION OF THE MAOP BY MORE THAN 20%.

Discovery Circumstances: RESULTS FROM AN INSTRUMENTED PIG RUN.

Significant Effects on Safety: NONE

Corrective Action Taken: INITIAL ACTION INCLUDED REMOVING THE LINE FROM SERVICE AND ESTABLISHING A TEMPORARY MAOP OF 400 PSIG. THE LINE WILL REMAIN OUT OF SERVICE UNTIL REPAIRS ARE MADE.

Shutdown: YES

Date Action Taken: 06/23/1995

Planned Follow-Up/Corrective Action: EVALUATE OVERALL PIPELINE CONDITION AND REPAIR/REPLACE AFFECTED SEGMENTS AS NECESSARY TO RETURN PIPELINE TO NORMAL MAXIMUM ALLOWABLE OPERATING PRESSURE.

To Begin: 08/01/1995 To Be Completed By: 11/01/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 07/06/1995 Region: EASTERN

Date Sent To State: 07/06/1995 State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 07/06/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/08/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed plans and construction for corrective measures.

Action Taken By Operator: Replaced 2.5 miles of 26" line WB-Loop and recoated additional areas where CP readings were below standard.

Date Repair Completed: 01/17/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Entered in database by Paul Gustilo on 12/3/1996 based on information provided by Daryl McKown (WV PSC) in letter dated 11/8/1996.

Prepared by: Daryl McKown

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/25/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: WV PSC discussed w/Steve Choby of Columbia Gas,
the company's plan.

Action Taken By Operator: Planning to replace 2.5 miles of pipeline in the
WB-Loop. Contractors' bidding will be performed next
week and the operator anticipates to start the
antecedent construction by the end of September 1995
or beginning of October 1995. Completion anticipated
by December 1995. At several locations on the
WB-Loop, the operator plans to evaluate the pipeline
integrity and will take appropriate remedial actions
if necessary. Work order has been prepared.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Entered in database by Paul Gustilo on 12/3/1996.

Prepared by: Girija S. Bajpayee

Reviewed by: Daryl McKown

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950027 Condition Number(s): 4
Operator Name: DELMAR OPERATING, INC. OPID:
Street Address: 1100 LOUISIANA, SUITE 900
City: HOUSTON State: TX ZIP: 77002

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/29/1995 Date Received: 06/30/1995
Reporting Official's Name: BARBARA J. DOUGHERTY
Title: REGULATORY MANAGER Phone: 7136466600
Determining Person's Name: RANDY DINGES OF SHELL REPORTED TO CHUCK
MONTSCHEMAN
Title: FIELD OPERATOR #1 Phone: 7136466600
Date condition Determined to Exist: 06/25/1995
Condition Location: City: EUGENE ISLAND 199 State: TX

Specific Location: EUGENE ISLAND 199 "A" PLATFORM

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: OIL

Description of Condition: IT WAS DISCOVERED THAT THE 6" OIL PIPELINE HAD A
PINHOLE LEAK IN IT ABOVE THE FLANGE BEFORE THE
SHUTDOWN VALVE.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE OIL PRODUCING WELLS WERE SHUT IN AND A JIFFY
CLAMP (A BOLT ON PRESSURE CLAMP) WAS INSTALLED TO
STOP THE LEAK. THE LINE WAS BLED TO 0 PSI. THE WELLS
ARE STILL SHUT IN.

Shutdown: YES

Date Action Taken: 06/25/1995

Planned Follow-Up/Corrective Action: DELMAR WILL REPLACE ALL PIPING FROM THE
WATER LINE UP TO SHELL'S EUGENE ISLAND
176 "A" PLATFORM. THE EXPECTED
COMMENCEMENT DATE FOR REPAIR OPERATIONS
WILL BE APPROXIMATELY 7/15/95 WITH A
5-DAY TIME ESTIMATE TO COMPLETE THE JOB.
THIS START DATE IS CONTINGENT UPON MMS
APPROVALS AND SECURING A JACK UP BARGE.

To Begin: 07/15/1995 To Be Completed By: 07/20/1995

Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/06/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 07/05/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Communicated with Del-Mar and approved repair plans.

Action Taken By Operator: Replaced all piping from water line connection with Shell's Eugene Island 176A platform piping.. A

Date Repair Completed: 07/31/1995

Resulted in Incidents After Report: NO

Date of Incident: 07/11/1996

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRC Should Be Closed as of 7/31/96.

Prepared by: Larry Atwell

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950028 Condition Number(s): 6
Operator Name: TEXACO PIPELINE INCORPORATED OPID: 19226
Street Address: P.O. BOX 711
City: HOUMA State: LA ZIP: 70364

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/27/1995 Date Received: 06/28/1995
Reporting Official's Name: E. M. ROMERO
Title: PROJECT COORDINATOR Phone: 5048765645
Determining Person's Name: BARRY GILMORE
Title: TECHNICIAN M&M Phone: 5045943541
Date condition Determined to Exist: 06/22/1995
Condition Location: City: CAILLOU ISLAND State: LA

Specific Location: STATION NO. 5 ON CAILLOU ISLAND IN HOUMA, LOUISIANA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: SEEPAGE OF CRUDE OIL ON A RISER.

Discovery Circumstances: SEEPAGE WAS NOTED WHEN SANDBLASTING THE 16"
PLATFORM RISER DURING ROUTINE MAINTENANCE.

Significant Effects on Safety: NONE

Corrective Action Taken: THE SANDBLASTING OPERATION WAS IMMEDIATELY
SUSPENDED

AND THE MAIN PLATFORMS ON EIPS UPSTREAM OF THE TEXACO PIPELINE INC. 16" PIPELINE WERE SHUT DOWN. THE SEEPAGE WAS CONTROLLED BY WIPING THE PIPE. THE SEEPAGE STOPPED WHEN THE LINE PRESSURE WAS REDUCED. THE SEEPAGE WAS VERY SLIGHT AND NO OIL WAS SPILLED. A LEAK CLAMP WAS INSTALLED. THE PIPELINE WAS RE-STARTED AND SLOWLY BROUGHT UP TO A MAXIMUM OPERATING PRESSURE OF 80% OF THE ESTABLISHED OPERATING PRESSURE AT THE SEEP LOCATION. NO LEAKAGE WAS NOTED. THE LOCATION IS BEING CONTINUOUSLY MONITORED, UNTIL THE RISER IS REPLACED. PERMANENT REPAIRS ARE IN PROGRESS. AN ADDITIONAL PRECAUTION, A BOOM IS POSITIONED AROUND THE RISER.

Shutdown: NO

Date Action Taken: 06/22/1995

Planned Follow-Up/Corrective Action: RISER WILL BE REPLACED. PERMANENT REPAIRS

ARE IN PROGRESS.

To Begin: 06/22/1995 To Be Completed By: 07/01/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/07/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 07/07/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/12/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Operator to confirm remedial plans and indicated agreement with plans. Received information that riser had been replaced with the replacement tested, and the pipeline placed back in service by June 29, 1995.

Action Taken By Operator: Operator replaced old 16-inch riser with new 16-inch riser and pipeline placed back in service June 29, 1995.

Date Repair Completed: 06/29/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: Texaco's reponse was woth quick and effective.

Prepared by: Larry Atwell

Reviewed by: Jamec C. Thomas
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950029 Condition Number(s): 4
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/11/1995 Date Received: 07/11/1995
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER, CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: STEVE NELSON
Title: CORROSION & LEAKAGE TECHNICIAN Phone: 3044743555
Date condition Determined to Exist: 07/07/1995
Condition Location: City: JACKSON & WOOD State: WV

Specific Location: 7.5 MILES OF 20" PIPELINE THAT RUNS BETWEEN MEDINA ROAD
AND ROCKPORT IN JACKSON & WOOD COUNTY, WV

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: RESULTS FROM AN INSTRUMENTED PIG RUN IDENTIFIED ANOMALIES ALONG THE LENGTH OF THE SUBJECT PIPELINE. ANALYSIS AND PHYSICAL INSPECTION RESULTED IN REDUCTION OF THE MAOP BY MORE THAN 20%.

Discovery Circumstances: RESULTS OF AN INSTRUMENTED PIG RUN IDENTIFIED ANOMALIES

Significant Effects on Safety: NONE

Corrective Action Taken: INITIAL ACTION INCLUDED REDUCING LINE PRESSURE TO 50

PSIG (NECESSARY TO KEEP APPROXIMATELY 12 DISTRIBUTION CUSTOMERS IN SERVICE) AND ESTABLISH A TEMPORARY MAOP OF 535 PSIG. THE LINE WILL CONTINUE TO OPERATE AT APPROXIMATELY 50 PSIG UNTIL REPAIRS ARE MADE.

Shutdown: YES

Date Action Taken: 07/07/1995

Planned Follow-Up/Corrective Action: EVALUATE OVERALL PIPELINE CONDITION AND REPAIR/REPLACE AFFECTED SEGMENTS AS NECESSARY TO RETURN PIPELINE TO NORMAL MAXIMUM ALLOWABLE OPERATING PRESSURE.

To Begin: 07/07/1995 To Be Completed By: 08/18/1995

Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/11/1995 Region: EASTERN
Date Sent To State: 07/11/1995 State/Agency: WVPSC
OPS Representative: MICHELLE M. SILVA
Date: 07/11/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/08/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed replacement of areas of concern.

Action Taken By Operator: Replaced concerns with pre-tested pipe.

Date Repair Completed: 08/31/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Entered in database by Paul Gustilo on 12/3/1996 based on information provided by Daryl McKown in letter dated 11/8/1996.

Prepared by: Daryl McKown

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/14/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Field inspections of exposed areas and pipe
review - 14 dig sites identified. Some digs
contain more than one suspect area.

Action Taken By Operator: Exposed suspect areas where the calculations are
equal to or greater than the MAOP of 975 psig.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: On going repair, possible completion by 8/31/95. (Entered in database by
Paul Gustilo on 12/3/96.)

Prepared by: Daryl McKown

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950030 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/11/1995 Date Received: 07/11/1995
Reporting Official's Name: JACK L. ADAMS
Title: ADMIN. CODES & STANDARDS Phone: 3046238410
Determining Person's Name: JAMES SULLIVAN
Title: FIELDWORKER Phone: 3044473366
Date condition Determined to Exist: 07/04/1995
Condition Location: City: STUMPTOWN, GILMER State: WV

Specific Location: TL-2644 1728+37 - STUMPTOWN, GILMER, WV
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: COMPANY EMPLOYEE REPORTED POSSIBLE LEAK ON TL-264 ON

7/3/95. WHEN AREA WAS EXPOSED ON 7/4/95, A CORROSION CONDITION WAS DISCOVERED.

Discovery Circumstances: COMPANY EMPLOYEE REPORTED.

Significant Effects on Safety: NONE

Corrective Action Taken: A STAINLESS STEEL CLAMP INSTALLED TO REPAIR LEAK AND

SIX ANODES WERE INSTALLED.

Shutdown: NO

Date Action Taken: 07/04/1995

Planned Follow-Up/Corrective Action: NONE NEEDED

To Begin: 07/04/1995 To Be Completed By: 07/04/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 07/13/1995 Region: EASTERN
Date Sent To State: 07/13/1995 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 07/13/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/08/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Closed SRCR

Action Taken By Operator: on line TL-264, a stainless steel clamp installed to
repair leak and six anodes were installed

Date Repair Completed: 07/04/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: no further action or follow-up needed.

Prepared by: Dino N. Rathod

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950031 Condition Number(s): 1
Operator Name: DELMAR OPERATING, INC. OPID:
Street Address: 1100 LOUISIANA, SUITE 900
City: HOUSTON State: TX ZIP: 77002

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/26/1995 Date Received: 07/27/1995
Reporting Official's Name: BARBARA J. DOUGHERTY
Title: REGULATORY MANAGER Phone: 7136466633
Determining Person's Name: RANDY BUFORD
Title: FIELD OPERATOR #1 Phone: 7132288159
Date condition Determined to Exist: 07/21/1995
Condition Location: City: EUGENE ISLAND 199 State: TX

Specific Location: EUGENE ISLAND 342 "C", TEXAS
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: OIL

Description of Condition: IN PERFORMING ROUTINE RISER MAINTENANCE, R. BURFORD

(FO#1) BROUGHT TO THE ATTENTION OF DON CHRISTIAN, PRODUC. SUPERVISOR THAT A SECTION OF THE OIL PIPELINE RISER AT EI342-C WAS BADLY DETERIORATED (7/21/95). AFTER EVALUATION ON 7/22/95 IT WAS FOUND THAT THE SECTION OF RISER IS OUT OF CODE AND WAS REJECTED (RESULTS OF VISUAL, PIT DEPTH ANALYSIS, AND U.T. SURVEY). IN SECTION, THE WALL THICKNESS WAS DOWN TO .168 OF AN INCH, FROM AN ORIGINAL WALL THICKNESS OF .432 OF AN INCH. LEFT THEM WITH A WALL THICKNESS OF AROUND 3/16 OF AN INCH.

Discovery Circumstances: WHILE PERFORMING ROUTINE RISER MAINTENANCE.

Significant Effects on Safety: NONE

Corrective Action Taken: PLATFORM WAS SHUT IN AND LINE PRESSURE WAS BLED TO

ZERO AT 12:00PM 7/22/95.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: VERBAL APPROVAL HAS BEEN RECEIVED FROM MMS 7/26/95 AND REPAIRS ARE NOW IN PROGRESS.

To Begin: 07/22/1995 To Be Completed By: 08/29/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/02/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 08/02/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report:

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed: 08/11/1995

Resulted in Incidents After Report: NO

Date of Incident: 01/01/0719

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Larry Atwell

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950032 Condition Number(s): 2
Operator Name: KOCH GATHERING SYSTEMS, INC. OPID: 10319
Street Address: 14101 ACME
City: SHAWNEE State: OK ZIP: 74801

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 06/12/1995 Date Received: 08/02/1995
Reporting Official's Name: JIM HENRY
Title: REGULATIONS COORDINATOR Phone: 4058784122
Determining Person's Name: BILL HORNER
Title: AREA TEAM LEADER Phone: 9183583551
Date condition Determined to Exist: 06/07/1995
Condition Location: City: BOIS D'ARC CREEK State: OK

Specific Location: BOIS D'ARC CREEK, NW/4 NW/4 SECTION 20-T25N-R23, KAY
COUNTY OKLAHOMA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: OVER-HEAD CREEK CROSSING COLLECTING BRUSH AND DEBRIS

DUE TO FLOODING OF BOIS D'ARC CREEK.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE PIPELINE WAS SHUT-IN BECAUSE OF POTENTIAL OVERLOADING DUE TO BRUSH AND DEBRIS. BRUSH AND DEBRIS WAS REMOVED FROM PIPELINE CROSSING AND PIPELINE WAS INSPECTED FOR DAMAGE, NONE WAS DETECTED. AS A PRECAUTION, AND BECAUSE OF THE WATER LEVEL IN THE CREEK CONTINUES TO RISE, THE PRODUCT IN THE PIPELINE HAS BEEN DISPLACED WITH WATER AND THE SITUATION IS BEING MONITORED BY COMPANY PERSONNEL. THE PIPELINE CROSSING AS OF REPORT DATE IS COMPLETELY SUBMERGED BY FLOOD WATERS. THE PIPELINE WILL REMAIN OUT OF SERVICE UNTIL SUCH TIME THE WATER LEVELS RETURNS TO NORMAL ELEVATION. AT THAT TIME THE PIPELINE CROSSING WILL BE INSPECTED FOR PHYSICAL DAMAGE, NECESSARY REPAIRS SHALL BE MADE, AND THE PIPELINE WILL BE RETURNED TO SERVICE.

Shutdown: YES

Date Action Taken: 06/07/1995

Planned Follow-Up/Corrective Action: REPAIRS WILL BE MADE AND PIPELINE
RETURNED TO SERVICE.

To Begin: 06/07/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 08/03/1995 Region: SOUTHWES

Date Sent To State: 08/03/1995 State/Agency: OK CC

OPS Representative: MICHELLE M. SILVA

Date: 08/03/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/08/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONE COMMUNICATION AND RECORD MONITORING.

Action Taken By Operator: OVERHEAD CROSSING WAS REMOVED AND NEW CROSSING

INSTALLED UNDER RIVER.

Date Repair Completed: 07/25/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: K. PHELPS/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950033 Condition Number(s): 6
Operator Name: VASTAR RESOURCES, INC. OPID:
Street Address: 15375 MEMORIAL DRIVE
City: HOUSTON, HARRIS COUNTY State: TX ZIP: 77079

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/09/1995 Date Received: 08/09/1995
Reporting Official's Name: BEN LANDRY
Title: FACILITY ENGINEER Phone: 7135843211
Determining Person's Name: RAY STEVENS
Title: CHEVRON OPERATIONS SPECIALIST Phone: 5045346580
Date condition Determined to Exist: 08/04/1995
Condition Location: City: OFFSHORE FACILITY State: LA

Specific Location: 4 1/2" GAS FLOWLINE FROM VASTAR RESOURCES WELL #1 IN S/L
13718, MAIN PASS BLOCK 77 TO CHEVRON'S MAIN PASS 77 "A"
PLATFORM

Occurred on Outer Continental Shelf: YES

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: THE VASTAR MAIN PASS 77 WELL #1 SHUT IN
AUTOMATICALLY FOR A DETERMINED REASON. WHEN THE
CHEVRON OPERATOR WAS ABLE TO VISIT THE WELL, HE
ATTEMPTED TO OPEN THE WELL TO FLOW AND DISCOVERED A
UNDERWATER LEAK IN THE FLOWLINE AT THE WELL
STRUCTURE. THE WELL WAS THEN SHUT IN, SECURED AND
VASTAR WAS NOTIFIED. THE FLOWLINE WILL BE EXAMINED
BY DIVERS TO DETERMINE THE CAUSE OF THE LEAK. THE
FLOWLINE TRANSPORTS GAS PRODUCED AT VASTAR" MAIN
PASS #1 WELL TO CHEVRON'S MAIN PASS 77 "A" PLATFORM
APPROXIMATELY 2 MILES AWAY FROM PROCESSING AND SALE.

Discovery Circumstances: RESULT OF AUTOMATIC SHUT IN.

Significant Effects on Safety: NONE

Corrective Action Taken: THE WELL WAS SHUT IN AND SECURED. DIVERS ARE
SCHEDULED TO INSPECT THE FLOWLINE ON OR ABOUT 12
AUGUST 1995 AND CONDUCT A FULL INVESTIGATION. PLANS
FOR CORRECTIVE ACTION WILL BE MADE AFTER EVALUATING
THE RESULTS OF THE DIVER SURVEY.

Shutdown: NO

Date Action Taken: 08/04/1995

Planned Follow-Up/Corrective Action: DIVERS ARE SCHEDULED TO INSPECT THE

FLOWLINE ON OR ABOUT 12 AUGUST 1995 AND
CONDUCT A FULL INVESTIGATION.

To Begin: 08/04/1995 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/11/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 08/11/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/10/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed activities of Vastar.

Action Taken By Operator: Replaced and Hydrostatically tested pipeline that failed in failsafe joint. Mudslide placed the additional forces on the pipeline.

Date Repair Completed: 05/04/0996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Safety related Condition No Longer existed after 5/4/96

Prepared by: Larry Atwell

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/08/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Questioned Vastar's planned use of Wellstream flexible pipe in replacement. Met with Vastar, Wellstream and MPC International on 10/16/95 and advised them to proceed with their planned work.

Action Taken By Operator: Vastar found segment adjacent to this segment also to have failed and the end 200 feet from its previous position necessitating a redesign of the replacement pipeing. Vastar filed telephonic incident report for 10/24/94 and will send copy of written follow up incident report.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Larry Atwell

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950035 Condition Number(s): 4
Operator Name: COLUMBIA GULF TRANSMISSION OPID:
Street Address: 1700 MACCORKLE AVENUE, S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/10/1995 Date Received: 08/10/1995
Reporting Official's Name: S. J. CHOBY
Title: MANAGER CODES & STANDARDS Phone: 3043572349
Determining Person's Name: S. J. CHOBY
Title: MANAGER CODES & STANDARDS Phone: 3043572349
Date condition Determined to Exist: 08/10/1995
Condition Location: City: GULF OF MEXICO State:

Specific Location: GULF OF MEXICO - VERMILLION, BLOCK 96, OFFSHORE
LOUISIANA

Occurred on Outer Continental Shelf: YES

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A PIN HOLE LEAK OCCURED AT THE FILLET WELD WHERE
A

6" HOT TAP TIE-IN WELD CONNECTION WITH A 36"
STRONGBACK FULL ENCIRCLEMENT SADDLE. THE EXACT
MECHANISM AND SEQUENCE OF EVENTS CAUSING THE LEAK
HAS NOT BEEN DETERMINED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: NONE

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 08/10/1995 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/13/1995 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 09/13/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/12/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Determined this same condition as that reported
on Incident Report 300995.

Action Taken By Operator: Columbia repaired pin-hole leak on a fillet weld
with full encirclement mechanical coupling.

Date Repair Completed: 08/10/1995

Resulted in Incidents After Report: NO

Date of Incident: 07/22/1995

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Safety Related Condition report probably made in error and miscoded
intrastate.

Prepared by: Larry Atwell

Reviewed by: Larry Atwell

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950034 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/18/1995 Date Received: 07/18/1995
Reporting Official's Name: STEVE GRIFFITH
Title: HEAVY EQUIPMENT OPERATOR Phone: 3045951270
Determining Person's Name: STEVE SEARLS
Title: OPERATIONS SUPERVISOR Phone: 3045951270
Date condition Determined to Exist: 07/12/1995
Condition Location: City: CLENDENIN State: WV

Specific Location: ROUTE 1/1 QUEEN SHOAL ROAD NEAR CLENDENIN, KANAWHA,
WEST
VIRGINIA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: DURING MAINTENANCE TO AN X S PLANT, AN ODOR OF GAS

WAS DETECTED. SEVERAL LINES WER IN THE AREA. STEVE SCHEDULED TO HAVE THE PRESSURE PULLED DOWN ON TL-2172 AND BROUGHT IN A BACKHOE TO TRY AND PINPOINT THE CAUSE OF THE ODOR. HE DISCOVERED A GRADE 2 LEAK.

Discovery Circumstances: DURING MAINTENANCE TO AN X S PLANT.

Significant Effects on Safety: NONE

Corrective Action Taken: A PLEDICO 2000# BAND CLAMP WAS INSTALLED OVER THE LEAK. AN ADDITIONAL BAND CLUMP WAS INSTALLED ON A PIT THAT WAS NOT YET LEAKING. THE LINE PRESSURE WAS REDUCED TO 200 PSIG DURING EXCAVATION AND REPAIR.

Shutdown: NO

Date Action Taken: 07/12/1995

Planned Follow-Up/Corrective Action: N/A

To Begin: 07/12/1995 To Be Completed By: 07/12/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 09/13/1995 Region: EASTERN
Date Sent To State: 09/13/1995 State/Agency: WVPSC

OPS Representative: MICHELLE SILVA
Date: 09/13/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/24/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted CNG to assure that repairs were made
as required by the Pipeline Safety Code.

Action Taken By Operator: Installed a Pledico band clamp over the leak and an
additional clamp was installed over a near by
corrosion pit.

Date Repair Completed: 07/12/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950036 Condition Number(s): 1
Operator Name: SANTA FE PACIFIC PIPELINES OPID: 18119
Street Address: 888 SOUTH FIGUEROA STREET
City: LOS ANGELES State: CA ZIP: 90017

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/18/1995 Date Received: 08/24/1995
Reporting Official's Name: D.R. QUINN
Title: MANAGER, PIPELINE ENGINEER Phone: 2134867780
Determining Person's Name: R. J. PLISKA
Title: PROJECT ENGINEER Phone: 2134867755
Date condition Determined to Exist: 08/18/1995
Condition Location: City: SUISUN State: CA

Specific Location: SOLAN COUNTY NEAR SUISUN, CALIFORNIA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: GENERALIZED CORROSION IN THREE AREAS: 1 - APPROXIMATELY 5 FEET IN LENGTH; 1 - APPROXIMATELY 5 1/2 FEET IN LENGTH; AND 1 - APPROXIMATELY 8 FEET IN LENGTH.

Discovery Circumstances: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOWING THE INSPECTION OF THE PIPELINE WITH AN INTERNAL INSPECTION TOOL.

Significant Effects on Safety: THE PIPE WALL THICKNESS WAS LESS THAN REQUIRED FOR MAXIMUM OPERATING PRESSURE.

Corrective Action Taken: OPERATING PRESSURE RESTRICTION TO 79% OF MAXIMUM OPERATING PRESSURE.

Shutdown: NO

Date Action Taken: 08/18/1995

Planned Follow-Up/Corrective Action: FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVES WERE PLACED ON THE PIPELINE.

To Begin: 08/21/1995 To Be Completed By: 08/21/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 09/13/1995 Region: WESTERN
Date Sent To State: 09/13/1995 State/Agency: CASFM
OPS Representative: MICHELLE SILVA
Date: 09/13/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CSFM REVIEWED SRCR WITH OPERATOR. SRCR IS CORRECT.

Action Taken By Operator: REDUCED OPERATING PRESSURE TO 79% OF MAX OPERATING

PRESSURE. FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVES WERE PLACED ON THE PIPELINE.

Date Repair Completed: 08/21/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: GENERALIZED CORROSION IN THREE AREAS-1 APPROX. 5' IN LENGTH; 1-APPROX.

5.5' IN LENGTH; AND 1-APPROX. 8' IN LENGTH. CSFM HAS COMPLETED FOLLOW-UP

INSPECTIONS & OPERATOR HAS COMPLETED REPAIRS. RECOMMEND THIS SRCR BE CLOSED.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950037 Condition Number(s):
Operator Name: CITY OF SUMMERVILLE, GEORGIA OPID:
Street Address: P.O. BOX 180
City: SUMMERVILLE State: GA ZIP: 30747

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/09/1995 Date Received: 08/24/1995
Reporting Official's Name: DAVID CARROLL
Title: GAS SUPERINTENDENT Phone: 7068570907
Determining Person's Name: TONY CARROLL & JOHN STANLEY
Title: WATER SUPERINTENDENT/PIPE FITR Phone: 7068570907
Date condition Determined to Exist: 08/09/1995
Condition Location: City: SUMMERVILLE State: GA

Specific Location: HIGHWAY 114 APPROXIMATELY 2 MILES SOUTH OF CITY OF
SUMMERVILLE, GA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: 3RD PARTY DAMAGE

Product in Pipeline: NATURAL GAS

Description of Condition: A CONTRACTING CREW FOR GLOBE COMMUNICATIONS
WAS

INSTALLING A FIBER OPTIC PHONE CABLE AND THEY HIT A
6" GAS MAIN. THIS CAUSED A 19 1/2" LONG AND 7" WIDE
GASH IN THE GAS MAIN. THE HIGHWAY FROM RACON CREEK
BRIDGE TO DOVER CUT ROAD WAS CLOSED OFF FROM TRAFFIC
FOR SAFETY REASONS.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: GAS SUPERINTENDENT CALLED AUBREY THARPE AND
THEY

ARRIVED APPROXIMATELY 9:30PM. AFTER INSTALLING 6"
STOPPER FITTING AND SHUTTING DOWN GAS FLOW AT 12:00AM
ON 8/10/95, THE DAMAGE PIPE APPROXIMATELY 27" WAS
REMOVED AND REPLACED WITH A NEWLY COATED AND WRAPPED
PIPE. THE INCIDENT WAS CORRECTED AND THE HIGHWAY WAS
RE-OPENED. WAS RE COATED AND WRAPPED

Shutdown: NO

Date Action Taken: 08/09/1995

Planned Follow-Up/Corrective Action: N/A

To Begin: 08/09/1995 To Be Completed By: 08/10/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 09/13/1995 Region: SOUTHERN
Date Sent To State: 09/13/1995 State/Agency: GAPUC
OPS Representative: MICHELLE SILVA
Date: 09/13/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/13/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Received information. A contracting crew for Globe Communications was installing a fiber optic phone cable and hit a 6" gas mainline. This caused a 19 1/2 inch long x 7 inch wide gash in the gas main. The highway from Racoon Creek bridge to Dover Cut Rd was closed off from traffic for safety reasons.

Action Taken By Operator: After installing a 6 inch stopper fitting and shutting down gas flow at 12:00 A.M. on 8/10/95, the damaged pipe (approximately 27 inch) was removed and replaced with a new coat and wrapped pipe. The incident was terminated and the highway was reopened.

Date Repair Completed: 08/10/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950038 Condition Number(s): 1
Operator Name: SOUTHERN NATURAL GAS CO OPID: 18516
Street Address: P.O. BOX 2563
City: BIRMINGHAM State: AL ZIP: 35202-2563

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/01/1995 Date Received: 09/01/1995
Reporting Official's Name: KENNETH C. PETERES
Title: SUPERVISOR PIPELINE COMPLIANCE Phone: 2053257554
Determining Person's Name: DALE A. WEAVER
Title: SYSTEM MECHANIC Phone: 2053257551
Date condition Determined to Exist: 08/28/1995
Condition Location: City: MOODY State: AL

Specific Location: MOODY, ALABAMA, JEFFERSON COUNTY
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AFTER EXPOSING NORTH MAIN LOOP PIPELINE FOR REPLACEMENT, AN AREA OF GENERAL CORROSION WAS DISCOVERED.

Discovery Circumstances: AFTER EXPOSING PIPELINE FOR REPLACEMENT.

Significant Effects on Safety: NONE

Corrective Action Taken: PIPELINE WAS ALREADY DEPRESSURIZED AND OUT OF SERVICE

TO FACILITATE REPLACEMENT OF SELECTED GATE SETTINGS.

Shutdown: YES

Date Action Taken: 08/25/1995

Planned Follow-Up/Corrective Action: THE AREA OF CORROSION WAS ON A BLOCK VALVE FABRICATION THAT WAS TO BE REPLACED REGARDLESS OF THIS DISCOVERY. REPLACEMENT WILL PROCEED TO INCLUDE CORRODED AREA.

To Begin: 08/28/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 09/13/1995 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 09/13/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/18/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: After exposing North Main Loop pipeline for replacement, an area of general corrosion was discovered.

Action Taken By Operator: Pipeline was already depressurized and out of service to facilitate replacement of selected gate settings. The area of corrosion was on a block valve fabrication that was to be replaced regardless of this discovery. Replacement will proceed to include corroded area.

Date Repair Completed: 10/17/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken. THE PIPE WAS REPLACED AS MENTIONED EARLIER.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950039 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE COMPANY OPID:
Street Address: 5080 CALIFORNIA AVENUE, SUITE 400
City: BAKERSFIELD State: CA ZIP: 93309

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/15/1995 Date Received: 08/31/1995
Reporting Official's Name: VINCENT D. ECCLESTON
Title: ENGINEERING TECHNOLOGIST Phone: 8056321075
Determining Person's Name: VINCENT D. ECCLESTON
Title: ENGINEERING TECHNOLOGIST Phone: 8056321075
Date condition Determined to Exist: 06/12/1995
Condition Location: City: KERN OR KINGS COUNTY State: CA

Specific Location: VARIOUS LOCATIONS WITHIN KERN OR KINGS COUNTY ALONG
CPL'S BELBRIDGE TO KETTLEMAN 16" CRUDE OIL PIPELINE

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: LOCALIZED CORROSION PITTING OF THE PIPELINE
REPORTED

BY A RECENT TUBOSCOPE SMART PIG INSPECTION LOG. THEY
ARE SIGNIFICANT ENOUGH TO CONSTITUTE A DERATION OF
THE ORIGINAL DESIGN PRESSURE OF THE PIPE USING
ANSI/ASME B31G CALCULATIONS FOR DETERMINING THE
RMEAINING STRENGTH OF CORRODED PIPE.

Discovery Circumstances: PRIOR TO RECEIVING THE DATA ON THESE CORROSION
PITS, CPL PERFORMED A VERFICATION EXCAVATION ON
JUNE 2, 1995 OF A FEATURE IDENTIFIED ON THE LOG,
IN ORDER TO HELP FACILITATE THE ANALYSIS AND
REPORTING PROCESS FOR THE TUBOSCOPE. THE RESULTS
OF THAT EXCAVATION REVEALED THIS FEATURE REQUIRED
REPAIR. CPL THEN ASKED TUBOSCOPE TO PROVIDE
IMMEDIATE ANALYSIS OF SIMILAR FEATURES ON THE LOG
IN LIGHT OF OUR VERIFICATION DATA. TUBOSCOPE HAS
NOW REPORTED THESE FEATURES AS LOCALIZED CORROSION
PITTING AND HAS ALSO PROVIDED PIT DEPTH AND PIT
LENGTH DIMENSION FOR EACH FEATURE.

Significant Effects on Safety: CPL DOES NOT BELIEVE THESE FEATURES POSE ANY
IMMEDIATE THREAT TO PEOPLE OR PROPERTY AND
WILL PROCEED WITH THE CORRECTIVE ACTIONS.

Corrective Action Taken: CPL WILL RESET THE HIGH PRESSURE SHUTDOWN SWITCHES AT

THE BELRIDGE STATION PUMP DISCHARGE, THE CAHN LEASE PUMP DISCHARGE, TO INSURE THE CORROSION FEATURE REPORTED AT MP 19.1 CANNOT BE SUBJECTED TO A LINE PRESSURE THAT WOULD EXCEED 455 PSIG. CPL WILL CONDUCT NECESSARY PIPELINE REPAIRS AND/OR REPLACEMENTS OF THE FEATURES IDENTIFIED BY TUBOSCOPE AT LOCATIONS LISTED BEGINNING WITH MP 19.1. AS EACH FEATURE IS CORRECTED CPL WILL INCREASE THE MAOP ACCORDINGLY, AND PROCEED WITH THE NEXT FEATURE THAT REDUCES THE MAOP UNTIL ALL OF THESE FEATURES ARE CORRECTED.

Shutdown: NO

Date Action Taken: 06/12/1995

Planned Follow-Up/Corrective Action: SEE CORRECTIVE ACTION

To Begin: 06/12/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 10/04/1995 Region: WESTERN

Date Sent To State: 10/04/1995 State/Agency: CAFMSHL

OPS Representative: MICHELLE M. SILVA

Date: 10/04/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CSFM FAXED A COPY OF THIS SRCR TO THE WESTERN REGION ON 21 AUG 95.

Action Taken By Operator: THE OPERATOR SET HIGH PRESSURE SHUTDOWN SWITCHES TO

PROTECT THE LINE AT THE MOST SEVERE ANOMOLY (MP 19.1). OPERATOR WILL CONDUCT NECESSARY REPAIRS AND/OR REPLACEMENTS OF THE FEATURES IDENTIFIED BY THE TUBOSCOPE PIG.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CSFM WILL MONITOR THIS SITUATION AND NOTIFY THE WESTERN REGION WHEN

REPAIRES ARE COMPLETED. 6/11/96 CSFM HAS VERIFIED COMPLETION OF REPAIRS.

REPAIRS WERE COMPLETED 6/95. RECOMMEND TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/10/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: test

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes:

 Prepared by: For testing, Renee Jenkins

 Reviewed by:

 Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950040 Condition Number(s): 1
Operator Name: SANTA FE PACIFIC PIPELINES OPID: 18119
Street Address: 888 SOUTH FIGUEROA STREET
City: LOS ANGELES State: CA ZIP: 90017

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/15/1995 Date Received: 09/20/1995
Reporting Official's Name: D.R. QUINN
Title: MANAGER, PIPELINE ENGINEER Phone: 2134867780
Determining Person's Name: R. J. PLISKA
Title: PROJECT ENGINEER Phone: 2134867755
Date condition Determined to Exist: 09/15/1995
Condition Location: City: BENICIA State: CA

Specific Location: NEAR THE CITY OF BENECIA IN SOLANO COUNTY, CALIFORNIA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: GENERALIZED CORROSION ALONG APPROXIMATELY 9 INCHES OF PIPE.

Discovery Circumstances: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOWING AN INSPECTION OF THE PIPELINE WITH AN INTERNAL INSPECTION TOOL

Significant Effects on Safety: THE PIPE WALL THICKNESS WAS LESS THAN REQUIRED FOR MAXIMUM OPERATING PRESSURE.

Corrective Action Taken: 18" LONG FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVE WAS CLAMPED ON THE PIPELINE.

Shutdown: NO

Date Action Taken: 09/18/1995

Planned Follow-Up/Corrective Action: 18" LONG FULL ENCIRCLEMENT REINFORCEMENT

STEEL SLEEVE WAS WELDED ON THE PIPELINE.

To Begin: 09/18/1995 To Be Completed By: 09/18/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/04/1995 Region: WESTERN
Date Sent To State: 10/04/1995 State/Agency: CASFM
OPS Representative: MICHELLE SILVA

Date: 10/04/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FAXED COPY OF SRCR TO CSFM. CSFM WILL CONFIRM SRCR WITH OPERATOR.

Action Taken By Operator: 18" LONG FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVE WAS WELDED ON THE PIPELINE.

Date Repair Completed: 09/18/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOWING

AN INSPECTION OF THE PIPELINE WITH A BRITISH GAS SMART PIG. CSFM WILL

MONITOR REPAIRS AND NOTIFY WESTERN REGION UPON COMPLETION OF REPAIRS.

6/11/96 - CSFM HAS VERIFIED COMPLETION OF REPAIRS. RECOMMEND TO CLOSE

THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950041 Condition Number(s): 2
Operator Name: ALYESKA PIPELINE SERVICE CO OPID: 26149
Street Address: 1835 SOUTH BRAGAW ST.
City: ANCHORAGE State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/26/1995 Date Received: 09/26/1995
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRESIDENT Phone: 9072658923
Determining Person's Name: ROBERT SCHOFF
Title: SR. COMPLIANCE SPECIALIST Phone: 9072658664
Date condition Determined to Exist:
Condition Location: City: DELTA State: AK

Specific Location: TRANS ALASKA PIPELINE, PUMP STATION #9 DELTA, ALAKSA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: PETROLEUM

Description of Condition: THE PIPELINE HAD BEEN SHUTDOWN FOR MAINTENANCE AND

WAS BEING RESTARTED. A MAINLINE SURGE WAS CREATED DURING REFILL OF A SLACKLINE SECTION OF PIPE, CAUSING A RELIEF EVENT AT THE SUCTION SIDE OF PUMP STATION #9. THE RELIEF EVENT APPARENTLY CAUSED A SECONDARY SURGE IN A 10" LATERAL LINE ON THE RELIEF HEADER TO THE TANK. THE 10" LINE MOVED IN ITS PIPE SUPPORTS, DAMAGED A VALVE ACTUATOR, DAMAGED THE FLASHING WHERE THE PIPE PENETRATED THE BUILDING WALL AND LEAKED A SMALL AMOUNT OF OIL (CLEANED UP WITH A SORBENT PAD) AT THE VALVE FLANGE. DAMAGE WAS LIMITED TO THE 10" LINE, WHICH IS THE BOOSTER PUMP SUCTION LINE USED TO PUMP DOWN THE RELIEF TANK. THE RELIEF SYSTEM HAS OPERATED HUNDREDS OF TIMES SINCE PIPELINE STARTUP IN 1977. THE APPARENT CAUSE OF THE INCIDENT WAS THE REFILL OF THE PUMP STATION PIPING AFTER MAINTENANCE, COUPLED WITH A RELIEF EVENT DURING PIPELINE RESTART. THE DAMAGE WAS CAUSED BY A PRESSURE SURGE, PIPELINE MOVEMENT OR A COMBINATION OF THE TWO.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE RELIEF SYSTEM AND THE DAMAGED 10" LATYERAL WERE

IMMEDIATELY REMOVED FROM SERVICE AFTER DISCOVERY. AFTER FURTHER INVESTIGATION AND REPAIR OF THE VALVE ACTUATOR, THE SYSTEM WILL BE RETURNED TO SERVICE. ADDITIONAL VENTING PROCEDURES AFTER PUMP STATION REFILL WILL BE IMPLEMENTED AS CORRECTIVE ACTION TO AVOID RECURRENCE. REDESIGN OF THE BOOSTER PUMP PIPING IS ALSO BEING CONSIDERED TO REMOVE THE BOOSTER PUMP SUCTION FROM THE RELIEF HEADER.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: ADDITIONAL VENTING PROCEDURES AFTER PUMP

STATION REFILL WILL BE IMPLEMENTED.
CONSIDERING REDESIGN OF THE BOOSTER PUMP PIPING.

To Begin: 09/12/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 10/04/1995 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 10/04/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONFIRMED SRCR WITH OPERATOR ON 9/26/95.

Action Taken By Operator: THE RELIEF SYSTEM AND THE DAMAGED 10" LATERAL WERE

IMMEDIATELY REMOVED FROM SERVICE. AFTER FURTHER INVESTIGATION AND REPAIR OF THE VALVE ACTUATOR, THE SYSTEM WILL BE RETURNED TO SERVICE. ADDITIONAL VENTING PROCEDURES AFTER PUMP STATION REFILL WILL BE IMPLEMENTED. CONSIDERING REDESIGN OF THE BOOSTER PUMP PIPING.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRC IS OVER AND JON STRAWN WILL REVIEW THE REDESIGN OF THE RELIEF

SYSTEM. RECOMMEND TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950042 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORPORATION OPID:
Street Address: P.O. BOX 1273/1700 MACCORKLE AVE SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/27/1995 Date Received: 09/28/1995
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER CODES & STANDARDS Phone: 3043572349
Determining Person's Name: BARTH SMITH
Title: OPERATIONS & MAINTENANCE Phone: 2162876638
Date condition Determined to Exist: 09/22/1995
Condition Location: City: MONROE State: OH

Specific Location: PLEASANT VALLEY ROAD CROSSING IN MONROE, RICHLAND
COUNTY, OHIO

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: DURING A ROUTINE CORROSION INVESTIGATION, A
GENERAL

CORROSION CELL WHICH WOULD HAVE RESULTED IN A
REDUCTION IN MAOP WAS DISCOVERED.

Discovery Circumstances: DURING ROUTINE CORROSION INVESTIGATION.

Significant Effects on Safety: NONE

Corrective Action Taken: THE SEGMENT OF PIPELINE WAS ALREADY REMOVED
FROM

SERVICE FOR INVESTIGATION. IT WILL REMAIN OUT OF
SERVICE UNTIL REPAIRS ARE MADE.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: PENDING NECESSARY APPROVALS, THE
AFFECTED

SECTION WILL BE CUT, CAPPED AND RETIRED
IN PLACE AND GAS WILL BE REROUTED THROUGH
AN ADJACENT PIPELINE SEGMENT WHEN THE
SYSTEM IS RETURNED TO SERVICE.

To Begin: 09/26/1995 To Be Completed By: 10/01/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 10/04/1995 Region: CENTRAL
Date Sent To State: 10/04/1995 State/Agency: OHPUC
OPS Representative: MICHELLE SILVA
Date: 10/04/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/26/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Investigator visited site to confirm repair completed.

Action Taken By Operator: Corroded pipe cut out and replaced.

Date Repair Completed: 10/01/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Inspection by Buford, OH PUC. (IAH)

Prepared by: B. HANSEN

Reviewed by: Ivan A. Huntoon
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950043 Condition Number(s): 1
Operator Name: SANTA FE PACIFIC PIPELINES OPID: 18119
Street Address: 888 SOUTH FIGUEROA STREET
City: LOS ANGELES State: CA ZIP: 90017

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/27/1995 Date Received: 10/02/1995
Reporting Official's Name: D.R. QUINN
Title: MANAGER, PIPELINE ENGINEER Phone: 2134867780
Determining Person's Name: R. J. PLISKA
Title: PROJECT ENGINEER Phone: 2134867755
Date condition Determined to Exist: 09/27/1995
Condition Location: City: BENICIA State: CA

Specific Location: SOLANO COUNTY
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: GENERALIZED CORROSION ALONG APPROXIMATELY 3 FEET OF PIPE.

Discovery Circumstances: DURING DATA VERIFICATION PROCESS FOLLOWING AN INSPECTION OF THE PIPELINE WITH AN INTERNAL INSPECTION TOOL.

Significant Effects on Safety: THE PIPE WALL THICKNESS WAS LESS THAN REQUIRED FOR MAXIMUM OPERATING PRESSURE.

Corrective Action Taken: OPERATING PRESSURE RESTRICTION TO 91% OF MAXIMUM ALLOWABLE OPERATING PRESSURE.

Shutdown: NO

Date Action Taken: 09/27/1995

Planned Follow-Up/Corrective Action: 3-FOOT LONG FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVE WAS WELDED ON THE PIPELINE.

To Begin: 09/28/1995 To Be Completed By: 09/28/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/04/1995 Region: WESTERN
Date Sent To State: 10/04/1995 State/Agency: CASFM
OPS Representative: MICHELLE SILVA
Date: 10/04/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FAXED SRCR TO CSFM FOR VERIFICATION.

Action Taken By Operator: RESTRICTED OPERATING PRESSURE TO 91% OF MAOP. 3'
LONG FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVE
WAS WELDED ON THE PIPELINE.

Date Repair Completed: 09/28/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CSFM WILL RETURN UPDATED REPORT. FULL ENCIRCLEMENT SLEEVES
INSTALLED ON

9/28/95. LINE RESTORED TO FULL OPERATION THAT DAY. PER CSFM.

RECOMMEND

TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950044 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE COMPANY OPID:
Street Address: 5080 CALIFORNIA AVENUE, SUITE 400
City: BAKERSFIELD State: CA ZIP: 93309

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/12/1995 Date Received: 10/13/1995
Reporting Official's Name: C.J. WORLAND
Title: LOS MEDANOS NATURAL TEAM LDR. Phone: 5107532001
Determining Person's Name: V. D. ECCLESTON
Title: ENGINEERING TECHNOLOGIST Phone: 8056321075
Date condition Determined to Exist: 10/11/1995
Condition Location: City: SACRAMENTO & SOLANO State: CA

Specific Location: BAY AREA PRODUCTS LINE, SACRAMENTO LEG, SACRAMENTO
&
SOLANO COUNTIES, CA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: R.PROD/GAS/DIESEL

Description of Condition: ANOMALIES FOUND DURING SMART PIG RUN.

Discovery Circumstances: DURING SMART PIG RUN.

Significant Effects on Safety: NONE

Corrective Action Taken: REPAIRED CORROSION AT MP 19.39, AND REDUCED MOP DUE

TO OPERATIONAL NEEDS.

Shutdown: NO

Date Action Taken: 10/11/1995

Planned Follow-Up/Corrective Action: N/A

To Begin: 10/11/1995 To Be Completed By: 10/11/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/19/1995 Region: WESTERN
Date Sent To State: 10/19/1995 State/Agency: CAFMSHL
OPS Representative: MICHELLE M. SILVA
Date: 10/19/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CSFM VERIFIED SRCR WITH OPERATOR.

Action Taken By Operator: REPAIRED CORROSION @ MP 19.39 AND REDUCED MOP
DUE TO

OPERATIONAL NEEDS.

Date Repair Completed: 10/11/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CSFM COMPLETED FOLLOW-UP INSPECTIONS AND OPERATOR COMPLETED
REPAIRS TO

THE LINE. RECOMMEND CLOSE SRCR.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950045 Condition Number(s): 6
Operator Name: SOUTHERN NATURAL GAS CO OPID: 18516
Street Address: P.O. BOX 2563
City: BIRMINGHAM State: AL ZIP: 35202-2563

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/13/1995 Date Received: 10/13/1995
Reporting Official's Name: KENNETH C. PETERS
Title: SUPERVISOR, PIPELINE SAFETY Phone: 2053257554
Determining Person's Name: W. P. BLAND
Title: TRANSMISSION SUPERINTENDENT Phone: 3342856464
Date condition Determined to Exist: 10/12/1995
Condition Location: City: COLUMBUS, MUSCOGEE COUNTY State: GA

Specific Location: COLUMBUS, MUSCOGEE COUNTY, GEORGIA AT HIGHWAY 219
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A POSSIBLE LEAK WAS DETECTED AT A CASING VENT BY ELECTRONIC GAS DETECTION EQUIPMENT. DUE TO THE UNCERTAINTY OF THE INDICATION BY THE EQUIPMENT, AN AIR SAMPLE WAS OBTAINED AND SENT TO A LAB FOR ANALYSIS. THE PRESENCE OF NATURAL GAS WAS CONFIRMED.

Discovery Circumstances: A POSSIBLE LEAK WAS DETECTED AT A CASING VENT BY ELECTRONIC GAS DETECTION EQUIPMENT.

Significant Effects on Safety: NONE

Corrective Action Taken: SINCE LEAK WAS DETECTED, EXTRA PERIODIC CHECKS HAVE

BEEN PERFORMED AT THE CASING VENT WITH DETECTION EQUIPMENT TO MONITOR THE SIZE OF THE LEAK. THE LEAK IS EXTREMELY SMALL.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: ENDS OF THE PIPELINE CASING WILL BE EXCAVATED TO INVESTIGATE AND EVALUATE THE LEAK. SCHEDULED TO BEGIN 10/13/95. CORRECTIVE ACTION, INCLUDING METHOD OF LEAK REPAIR, WILL BE DETERMINED PENDING RESULTS OF INVESTIGATION. COMPLETION DATE FOR CORRECTIVE ACTION IS UNKNOWN AT THIS TIME.

To Begin: 10/13/1995 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/19/1995 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 10/19/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/13/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: A possible leak was detected at a casing vent by electronic gas detection equipment. Due to the uncertainty of the indication by the equipment, an air sample was obtained and sent to a lab for analysis. The presence of natural gas was confirmed.

Action Taken By Operator: Since leak was detected, extra periodic checks have been performed at the casing vent with detection equipment to monitor the size of the leak. Ends of the pipeline casing will be excavated to investigate and evaluate the leak. Scheduled to begin 10/13/95.

Date Repair Completed: 11/05/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken. ACCORDING TO KEN PETERS, THEY NEVER IDENTIFIED THE EXACT LOCATION OF THE LEAK, HOWEVER THE SECTION OF PIPE WITH THE STRONGEST AREA OF SMELL WAS PULLED OUT AND REPLACED. THERE HAS BEEN NO REOCCURRENCE OF A LEAK SINCE.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950046 Condition Number(s): 1
Operator Name: KOCH GATEWAY PIPELINE COMPANY OPID:
Street Address: 2300 VEROT SCHOOL ROAD.
City: LAFAYETTE State: LA ZIP: 70508

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/18/1995 Date Received: 09/18/1995
Reporting Official's Name: WARREN FUSILIER
Title: REGULATIONS COORDINATOR Phone: 3168323840
Determining Person's Name: JOHN EARLEY
Title: DIVISION MANAGER Phone: 3189816699
Date condition Determined to Exist: 09/14/1995
Condition Location: City: ESCAMBIA COUNTY State: FL

Specific Location: SECTION 3, T-1-S, R-31-W, ESCAMBIA COUNTY, FLORIDA
(BRISTOL PARK ROAD)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LEAK DUE TO PITTING WITHIN THE WET/DRY ZONE ON THE EXPOSED PIPE CROSSING. LOCAL FIRE DEPT. CALLED IN TO GAS CONTROL.

Discovery Circumstances:

Significant Effects on Safety: LOCATED EAST OF DEVELOPING SUBDIVISION (APPROX. 680FT. OF EXISTING RESIDENCE)

Corrective Action Taken: REDUCED LINE PRESSURE (350 PSIG - 250 PSIG)

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACEMENT OF AFFECTED LINE PIPE (APPROX. 49') REPLACEMENT COMPLETED 9/16/95.

To Begin: 09/14/1995 To Be Completed By: 09/16/1995
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/19/1995 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 10/19/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/19/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Leak due to pitting within the wet/dry zone on the exposed pipe crossing. Local fire department called in to gas control.

Action Taken By Operator: Reduced line pressure (350 psig to 250 psig). Replacement of affected pipeline approximately 49 feet. Replacement completed 9/16/95.

Date Repair Completed: 09/16/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950047 Condition Number(s): 1
Operator Name: NORTH CAROLINA NATURAL GAS CORPORATION OPID: 13580
Street Address: P.O. BOX 909
City: FAYETTEVILLE State: NC ZIP: 28302-0909

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/23/1995 Date Received: 10/23/1995
Reporting Official's Name: TERRENCE D. DAVIS
Title: VICE PRESIDENT Phone: 9103236245
Determining Person's Name: THEODORE R. HODGES III
Title: DIRECTOR OF CONSTRUCTION Phone: 9103236249
Date condition Determined to Exist: 10/19/1995
Condition Location: City: ANSONVILLE State: NC

Specific Location: 3 MILES FROM THE TOWN OF ANSONVILLE, NC ON NCNG'S 16"
LINE 1 MILEPOST 49.4

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: DURING A PROJECT TO RECOAT SLECTED AREAS OF NCNG'S

16" LINE 1 (16" X 0.219", X-42, INSTALLED IN 1959),
A LENGTH OF PIPELINE APPROXIMATELY 60 FEET IN LENGTH
WAS DISCOVERED WHICH HAD EXPERIENCED SIGNIFICANT
CORROSION. BASED ON ULTRASONIC READINGS, IT WAS
ESTIMATED THE MINIMUM REMAINING WALL THICKNESS WAS
APPROXIMATELY 0.145".

Discovery Circumstances: THE CONDITION WAS FIRST DISCOVERED ON
WEDNESDAY,

OCTOBER 18, 1995, WHEN THE PIPELINE WAS EXPOSED
DURING A RECOATING OPERATION. BASED ON ULTRASONIC
READINGS THAT WERE TAKEN TO MEASURE THE REMINING
WALL THICKNESS, IT WAS DETERMINED A SAFETY-RELATED
CONDITION EXISTED ON THURSDAY, OCTOBER 19.

Significant Effects on Safety: NONE

Corrective Action Taken: BASED ON A MINIMUM REMAINING WALL THICKNESS OF
0.145", THE PRESSURE ON THIS SEGMENT OF PIPELINE WAS
REDUCED FROM A NORMAL OPERATING PRESSURE OF
APPROXIMATELY 700 PSIG TO 548 PSIG. THE 548 PSIG
LIMITATION WAS BASED ON A CLASS 1 DESIGN FACTOR OF
0.72 AND A SMYS OF 42,00 PSI. THE PRESSURE IS

CONTROLLED FROM THE NCNG GAS CONTROL CENTER IN
FAYETTEVILLE, NORTH CAROLINA AND IS MONITORED AT
NCNG'S MONROE COMPRESSOR STATION WHICH IS LOCATED
APPROXIMATELY 18 MILES UPSTREAM OF THIS LOCATION.

Reduced Pressure From (PSI): 700 to (PSI): 548

Shutdown: NO

Date Action Taken: 10/19/1995

Planned Follow-Up/Corrective Action: A PERMANENT REPAIR WILL BE MADE BY
REMOVING A SEGMENT OF PIPELINE AND
INSTALLING A NEW LENGTH OF PIPE. WORK HAS
ALREADY BEGUN ON THIS REPLACEMENT AND
SHOULD BE COMPLETED BY THE END OF
OCTOBER.

To Begin: 10/19/1995 To Be Completed By: 10/31/1995

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 11/05/1995 Region: SOUTHERN

Date Sent To State: 11/05/1995 State/Agency: NCPUC

OPS Representative: MICHELLE SILVA

Date: 11/05/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/05/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: During a project to recoat selected areas of NCNG's 16 inch Line 1, a length of pipeline approximately 60 feet in length was discovered which had experienced significant corrosion.

Action Taken By Operator: The pressure on this segment of pipeline was reduced from 700 psig to 548 psig. A permanent repair will be made by removing a segment of pipeline and installing a new length of pipe. Work had already begun on this replacement and should be completed by the end of October.

Date Repair Completed: 11/10/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken. THE SEGMENT OF CORRODED PIPE WAS REPLACED

WITH 97 FEET OF NEW PIPE - CONFIRMED BY TED HODGES, DIRECTOR OF CONSTRUCTION, ON 7/25/96.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950048 Condition Number(s): 1
Operator Name: CITGO PIPELINE COMPANY OPID: 2387
Street Address: P.O. BOX 3758
City: TULSA State: OK ZIP: 74102

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/26/1995 Date Received: 10/30/1995
Reporting Official's Name: MAURY WILMOTH
Title: DISTRICT ENGINEER Phone: 7084390270
Determining Person's Name: CARTER FAIRLESS
Title: ENGINEER Phone: 9184955342
Date condition Determined to Exist: 10/25/1995
Condition Location: City: SUBURBAN CHICAGO State: IL

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LIQUID

Description of Condition: ISOLATED AREAS OF EXTERNAL CORROSION.

Discovery Circumstances: DIVERTED MAGNETIC FLUX INSPECTION OF PIPELINE.

Significant Effects on Safety: REMAINING WALL THICKNESS REQUIRES REDUCTION
IN OPERATING PRESSURE ACCORDING TO ANSI/ASME
B31.4.

Corrective Action Taken: REDUCED OPERATING PRESSURE OF PIPELINE ACCORDING
TO
ANSI/ASME B31.4.

Shutdown: NO
Date Action Taken: 10/23/1995
Planned Follow-Up/Corrective Action: EXCAVATE CORRODED AREAS AND VERIFY
CORROSION. WILL REPAIR CORRODED AREAS IN
ORDER OF SEVERITY AND INCREASE OPERATING
PRESSURE ACCORDINGLY.

To Begin: 10/23/1995 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/05/1995 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/05/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/13/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Operator has been sending monthly progress reports concerning repair of pipeline.

Action Taken By Operator: Received notification today that all repairs have been completed and the MAOP on Badger Pipe Line Company's East Chicago to Canal Junction has been reinstated. The MAOP had been reduced while repairs were made as a result of running a magnetic flux tool (Smart pig) in this pipeline (10/26/95).

Date Repair Completed: 11/12/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Recommend SRCR #950048 be closed.

Prepared by: Donald E. Moore

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/24/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Contacted Jay Andrews with Badger Pipeline Company (708/439/0270) on 11/15/95. Jay indicated that they had ran Ford Bacon & Davis's Magetnetic Flux smart pig through Citgo - East Chicago 12 inch pipeline. This pipeline segment runs from East Chicago to Canal Jct. (24 miles).

Action Taken By Operator: After receiving the data from the smart pig run, five of the most serious problems were excavated and evaluated. The pipe wall lost due to general corrosion, indicated that the operating pressure be reduced. The operating pressure was reduced from 980 to 780 (20%). Repairs are being scheduled. Operator reported, as of December 31,1995, 10 of 105 indications have been excavated and repaired.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Operator is to send monthly progress reports, at the end of each month.

Prepared by: Donald Moore

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950049 Condition Number(s): 3
Operator Name: MICHCON GAS COMPANY OPID:
Street Address: 500 GRISWOLD
City: DETROIT State: MI ZIP: 48226

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/13/1995 Date Received: 11/17/1995
Reporting Official's Name: LEONARD B. WOODS
Title: MGR. CONSTRUC & CODES & STDS Phone: 3132566615
Determining Person's Name: BRUCE A. NIEMAN
Title: CONSTRUCTION CONSULTANT Phone: 3132566615
Date condition Determined to Exist: 11/10/1995
Condition Location: City: VARIOUS CITIES State: MI

Specific Location: MECOST, MONTCALM, GRATIOT, CLINTON, SHIAWASSEE,
LIVINGSTON, AND OAKLAND

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

3. Crack or material defect in LNG facility (LNG)

Product in Pipeline: NATURAL GAS

Description of Condition: PIPELINE (INTERNAL) INSPECTION REPORT WAS RECEIVED
INDICATING ANOMALIES REQUIRING EXAMINATION,
VERIFICATION AND ANALYSIS.

Discovery Circumstances: INTERNAL INSPECTION (SMART PIG) CONDUCTED IN
JULY,
1995.

Significant Effects on Safety: NONE

Corrective Action Taken: REDUCTION IN MAOP, COMMENSURATE WITH MAOP
INDICATED

BY INSPECTION REPORT FROM 970 PSIG TO 906 PSIG
MLV2-MLV9; 844 PSIG TO 767 PSIG MLV9-MLV11; 811 PSIG
TO 757 PSIG MLV11-MLV13.

Reduced Pressure From (PSI): 970 to (PSI): 906

Shutdown: NO

Date Action Taken: 11/10/1995

Planned Follow-Up/Corrective Action: MAIN SEGMENT; SCHEDULED FOR
EXAMINATION &

REPLACEMENT/REPAIRS IF NECESSARY.

To Begin: 03/01/1996 To Be Completed By: 11/30/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 11/22/1995 Region: CENTRAL

Date Sent To State: 11/22/1995 State/Agency: MPSC
OPS Representative: MICHELLE M. SILVA
Date: 11/22/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/29/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON 6/11/96 AND 7/31/96, THE STATE REVIEWED SOME OF THE EXCAVATIONS AND EVALUATED THE CONDITION OF THE PIPE. THE STATE ALSO EVALUATED THE PIGGING OPERATION.

Action Taken By Operator: THE "A" LINE WAS RESTORED, WHERE 182 ANOMALIES WERE

INVESTIGATED. 116 OF THE 182 WERE CUT OUT. CORROSION, GIRTH WELD, AND INNER WALL DEFECTS WERE THE MAJORITY OF THE PROBLEMS, WITH 95 CUT OUT. THE LINE WAS RESTORED TO NORMAL OPERATING PRESSURE ON AUGUST 28, 1996. EIGHT LOCATIONS WITH 27 CLOCK SPRINGS WERE INSTALLED. A TOTAL OF 4,564 FEET OF PIPE WAS REPLACED, WHICH INCLUDED 7 ROAD CROSSINGS AND 2 RAILROAD CROSSINGS. 58 ANOMALIES (WHICH DID NOT AFFECT MAOP) WERE INVESTIGATED AND RECOATED.

Date Repair Completed: 08/28/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS INFORMATION WAS VERIFIED DURING A MI STATE EVALUATION FIELD

INSPECTION OF MICHCON. THIS SRCR HAS BEEN CATEGORIZED INCORRECTLY. THE

CATEGORY SHOULD BE A 1 OR 4. MICHCON LOWERED THE PRESSURE ON THE LINE TO

BE WITHIN THE GUIDELINES OF MAOP CALCULATIONS. THIS PRESSURE CUT DID NOT

EQUAL 20% AND IT WAS NOT REQUIRED.

Prepared by: WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950050 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/20/1995 Date Received: 11/20/1995
Reporting Official's Name: J. O. LOKER
Title: DIRECTOR, TECH. SERVICES ENGR Phone: 3043572767
Determining Person's Name: S. K. PARRISH
Title: OPERATIONS ENGINEER Phone: 7034656400
Date condition Determined to Exist: 11/13/1995
Condition Location: City: PORTLAND, PRESTON COUNTY State: WV

Specific Location: SECTION OF TERRA ALTA (NORTH) STORAGE FIELD ALONG WV
SEC. RT. 51 AND SALTICK CREEK BEING LINE X-76-F-1
INVOLVING SPPROXIMATELY 1.3 MILES OF 10" AND 8" WHICH
EXTENDS NORTH OF THE AREA WHERE 4 MAINLINES JUNTION.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LOCALIZED AND GENERAL INTERNAL CORROSION PITTING
AS

DISCOVERED IN BOTTOM QUADRANT OF SOME DRIPS AND
PIPELINE (LOCATED IN "SAFETY SENSITIVE AREAS") WHICH
REQUIRES A REDUCTION OF MAOP. CONDITION WAS NOTED BY
ONGOING VERIFICATION ACTIONS AS ESTABLISHED IN
OPERATOR'S ACTION PLAN UNDER HFO. CORROSION WAS
DETECTED BY ULTRASONIC INSPECTION OF DRIPS AND
INTERNAL INSPECTION OF RELATED PIPELINE USING
WIRELINE PIG.

Discovery Circumstances: NOTED BY ONGOING VERIFICATION ACTIONS.

Significant Effects on Safety: NONE

Corrective Action Taken: LINE WAS LEFT OUT OF SERVICE. THE 10" AND 8" PORTION
OF LINE X-176-F-1 HAS BEEN ISOLATED (BY CAPPING THE
12" PIPELINE AT STA. 5+03) FROM FURTHER FIELD
OPERATION UNTIL PIPELINE IS REPAIRED OR REPLACED.

Reduced Pressure From (PSI): 2178 to (PSI): 1960

Shutdown: YES

Date Action Taken: 11/13/1995

Planned Follow-Up/Corrective Action: LIMIT FUTURE INJECTION PRESSURE IN THIS FIELD TO MOP OF 1960 PSIG (BEING 10% BELOW THE MAXIMUM PRESSURE OF 2178 PSIG AS EXPERIENCED 9/30/95) UNTIL FURTHER INVESTIGATION OF SAMPLED FACILITIES IN SAFETY SENSITIVE AREAS CAN VALIDATE INTEGRITY OF THE FACILITIES FOR THE HIGHER MOP.

To Begin: 04/01/1996 To Be Completed By: 08/01/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/22/1995 Region: EASTERN
Date Sent To State: 11/22/1995 State/Agency: WVPSC
OPS Representative: MICHELLE M. SILVA
Date: 11/22/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/20/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: WV-PSC SENT THEIR FOLLOW-UP REPORT DATED
10-28-97. WV-PSC OBSERVED REPLACEMENT AT
FACILITIES AND RECOMMENDED THAT SRCR BE CLOSED.

Action Taken By Operator: REPLACED FACILITIES- SEE PROJECT PLAN "TERRA ALTA
STORAGE FIELD X-76(1997).

Date Repair Completed: 10/09/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WV-PSC RECOMMENDS THAT SRCR BE CLOSED

Prepared by: DINO N. RATHOD/ DARRELL MCKOWN

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/08/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: WV-PSC INSPECTOR OBSERVED REPLACEMENT-PIPING
AND

REMOVAL OF EXISTING INSTALATION OF LAUNCHERS/
RECEIVERS FOR LIQUID REMOVAL AND PIGGING
PURPOSES AT FACILITIES INVOLVED (SEE ADDITIONAL
DETAILS IN SRCR FILES)

Action Taken By Operator: Replace piping and remove existing drips. Inst.
launchers and receiviers for liquid removal and
pigging purposes. (SEE ADDITIONAL DETAILS IN SRCR
FILES- PROJECT PLANS TERRA ALTA STORAGE FIELD
X-76(1997)

Date Repair Completed: 10/20/1997

Resulted in Incidents After Report: NO

Date of Incident: 11/08/1996

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WV-PSC (10-28-97) RECOMMENED THAT SRCR BE CLOSED BASED ON
REPLACEMENT

AND ELIMINATION OF UNSAFE CONDITIONS

Prepared by: DINO RATHOD/ DARRELL MCKOWN

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/05/1995

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: On site investigation: questioned why 10% reduction of pressure was made and why not a greater pressure reduction.

Action Taken By Operator: Removed part of the system from operation and reduced pressure by 10% on the remainder of the field.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Anticipated repair to begin 4/1/96 and completion by 8/1/96. Entered into database by Paul Gustilo on 12/3/96.

Prepared by: Darrell McKown

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950051 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2126
Street Address: 1700 MACCORKLE AVE. SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/27/1995 Date Received: 11/27/1995
Reporting Official's Name: STEVEN J. CHOBY
Title: MGR. CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: MICHAEL ROBERTS
Title: DISTRICT SUPERINTENDENT Phone: 6102694440
Date condition Determined to Exist: 11/21/1995
Condition Location: City: LOWER SAUCON State: PA

Specific Location: APPROX. 1000 FEET NORTH OF POLK VALLEY ROAD (TOWNSHIP ROAD) BETWEEN QUAKERTOWN, PA AND HELLERTOWN, PA. SURVEY STATION 4118+83, MAP NO. 4492/472

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LOCALIZED CORROSION WHERE LEAKAGE MIGHT RESULT WAS

DISCOVERED (0.250 INCH PIT DEPTH ON 0.312 INCH WALL PIPE). THE PIT IS LOCATED WITHIN 220 YARDS OF A DWELLING INTENDED FOR HUMAN OCCUPANCY.

Discovery Circumstances:

Significant Effects on Safety: THE PIT IS LOCATED WITHIN 220 YARDS OF A DWELLING INTENDED FOR HUMAN OCCUPANCY.

Corrective Action Taken: THE SUBJECT CORROSION PIT WAS REPAIRED WITH A DRESSER

FULL ENCIRCLEMENT SPLIT SLEEVE PENDING SCHEDULED REPLACEMENT WITH PRE-TESTED PIPE. IMMEDIATE REPLACEMENT IS IMPRACTICABLE AT THIS TIME.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: THIS SECTION OF LINE 1278 IS SCHEDULED FOR REMEDIATION TO ACCOMMODATE AN INSTRUMENTED PIG INVESTIGATION. PLUG VALVES, UNBARRED TEES, BEND RESTRICTIONS AND OTHER SEGMENTS, INCLUDING THIS

REPAIR, ARE SCHEDULED FOR REPLACEMENT
DURING SPRING 1996. SMART PIGGING AND
FURTHER EVALUATION WILL BE SCHEDULED
THEREAFTER.

To Begin: 05/13/1996 To Be Completed By: 05/15/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/28/1995 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/28/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/04/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Columbia updated Byron 7/8/97 for pipe replacement in 1996 schedule

Action Taken By Operator: The subject corrosion pitting was repaired with a Dresser full encirclement sleeve pending scheduled replacement with pre-tested pipe. Columbia replaced 53 feet new pipe in 7/12/96.

Date Repair Completed: 07/12/1996

Resulted in Incidents After Report: NO

Date of Incident: 11/16/1995

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Columbia plans to have section of line 1278 scheduled for remediation to accomodate an instrumented pig investigation. Replacement is scheduled for Spring 1996.

Prepared by: Dino N. Rathod/Byron Coy

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950052 Condition Number(s): 1
Operator Name: KENTUCKY HYDROCARBONS OPID:
Street Address: P.O. BOX 129
City: LANGLEY State: KY ZIP: 41645

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/07/1995 Date Received: 12/11/1995
Reporting Official's Name: LOUIS A. KAPFER
Title: EXEC VP&GM, KY/WV GAS CO. Phone: 6068862311
Determining Person's Name: DAVID GRAY
Title: DISTRICT SUPERVISOR Phone: 6064745888
Date condition Determined to Exist: 12/04/1995
Condition Location: City: BEAUTY State: KY

Specific Location: KY ROUTE 40 - NEAR BEAUTY (MARTIN CO.) KY, 3324+40
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS LIQUIDS

Description of Condition: ON DEC 2, 1995 AT 10PM JAMES A. HARMON, FOR KENTUCKY

HYDROCARBONS LOCATED AT LANGLEY, KY RECEIVED A TELEPHONE CALL FROM JIM CURVETTE OF COLUMBIA GAS COMPANY. CURVETTE INFORMED HIM OF A POSSIBLE LEAK IN HYDROCARBON'S NATURAL GAS LIQUIDS PIPELINE IN MARTIN COUNTY, KY. PIPELINE METERS WERE CHECKED FOR ABNORMAL PRESSURE AND FLOW CHANGES AT BOTH THE HYDROCARBON AND ASHLAND PETROLEUM COMPANY

TERMINALS.

NO ABNORMAL READINGS WERE RECORDED ON EITHER END OF THE PIPELINE. BERNARD PATRICK OF ASHLAND PIPELINE COMPANY (MAINTENANCE CONTRACTOR FOR HYDRCARBON) INVESTIGATED THE AREA OF THE REPORTED LEAK AND STATED THAT HE COULD FIND NO PHYSICAL EVIDENCE OF A LEAK BUT DID SMELL A GASEOUS ODOR IN THE AREA. NEITHER COLUMBIA GAS NOR ASHLAND PIPELINE COULD FIND A LINE LEAK SO FAMILITIES THAT HAD BEEN EVACUATED EARLIER (15 PEOPLE) WERE ALLOWED BACK INTO THEIR HOMES. ON 12/4 REPRESENTATIVES OF HYDROCARBON, ASHLAND PIPELINE CO., AND KENTUCKY WEST VIRGINIA GAS COMPANY MET ON SITE. THE AREA WAS RESURVEYED AND GAS FOUND IN SOIL.

Discovery Circumstances: INITIAL REPORT GIVEN TO KENTUCKY HYDROCARBON REPRESENTATIVE FROM REPRESENTATIVE OF COLUMBIA GAS COMPANY.

Significant Effects on Safety: NONE

Corrective Action Taken: LINE SHUT DOWN AT 11:35AM AND LINE VENTED TO ZERO PRESSURE. AT 12:00 NOON A PINHOLE LEAK DISCOVERED IN THE LINE. THE LINE WAS REPAIRED BY WELDING A FULL ENCIRCLEMENT SLEEVE OVER THE CORROSION PIT. THE PIPELINE REPAIR WAS WRAPPED AND COATED AND AN ANODE INSTALLED ON THE PIPELINE NEAR THE REPAIRED SECTION. PIPELINE RETURNED TO SERVICE AT 5:40PM 12/4/95.

Shutdown: YES

Date Action Taken: 12/04/1995

Planned Follow-Up/Corrective Action: N/A

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 12/26/1995 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 12/26/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/11/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Spoke with Louis Kapfer, Executive V.P. & General Manager for Kentucky West Virginia Gas Company on January 22, 1996. Mr. Kapfer explained that Kentucky Hydrocarbons is a liquids facility that takes natural gas from a gas line, condense the gas to a liquid, and transport the liquid from Maytown, Kentucky to Ranger, West Virginia and then pumped into Ashland Refinery. The entire line is approximately 75 miles(operational); 4" line - Kentucky and 5" line - West Virginia. The line is normally operated at 800 to 1000 psi. The parent company is Equitable Resources, Inc. The leak occurred on KY Route 40 near Beauty, KY (Martin County).

Action Taken By Operator: Kentucky Hydrocarbons received a call on December 2, 1995, of a possible leak in Martin Co., Ky. Families in the nearby area were evacuated. Several attempts were made to locate the leak but to no avail. However, a gaseous odor still remained in the area. On December 4, 1995, another attempt was made to locate the leak and evidence of gas was found in the soil. It was determined that the natural gas liquids line may be leaking. The line was shut down at 11:35 A.M. and the line vented to zero pressure. At approximately 12 Noon, a pinhole leak was discovered in the line. The line was repaired by welding a full encirclement sleeve over the corrosion pit. The pipeline repair was wrapped and coated and an anode installed on the pipeline near the repaired section. The pipeline was returned to service at 5:40 P.M. on December 4, 1995.

Date Repair Completed: 12/04/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner, Reg. Dir.
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950053 Condition Number(s): 2
Operator Name: OLYMPIC PIPE LINE COMPANY OPID:
Street Address: 2319 LIND AVE S.W.
City: RENTON State: WA ZIP: 98057

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/20/1995 Date Received: 12/26/1995
Reporting Official's Name: WILLIAM MULKEY
Title: SUPV. REGUL & ENVIRON. AFFAIRS Phone: 2062357745
Determining Person's Name: SAM R. GALLANT
Title: SUPV. MAINTENANCE & CONSTRCT. Phone: 2062357711
Date condition Determined to Exist: 12/14/1995
Condition Location: City: CASTLE ROCK State: WA

Specific Location: COUNTY OF COWLITZ, CITY OF CASTLE ROCK, SOUTH OF S.R.504
AND 1 MILE EASTE OF I-5. MILEPOST 106.3

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: GASOLINE

Description of Condition: OLYMPIC'S RENTON TO PORTLAND 14" MAINLINE PIPE WAS DISPLACED AND DAMAGED IN A MUDSLIDE AT THE ABOVE LOCATION ON THURSDAY, DECEMBER 14, 1995. NO RELEASE OF THE GASOLINE PRODUCT BEING TRANSPORTED SOUTH ON THE SYSTEM TO PORTLAND. PUMPING OPERATIONS WERE IMMEDIATELY SUSPENDED AND MAINTENANCE CREWS WERE DISPATCHED TO THE SITE. NITROGEN WAS USED TO DISPLACE PRODUCT IN THE PIPELINE THROUGH THE AFFECTED AREA, ELIMINATING ANY CHANCE OF PRODUCT SPILLAGE. EXCAVATION AT THE SITE IS HAMPERED BY CONTINUING RAINFALL AND DEEP MUD. WORKING CONDITIONS ARE EXTREME AND THE SAFETY OF ALL EMPLOYEES AND CONTRACTORS ARE ENSURED BY CONSTANT COMMUNICATION MEETINGS.

Discovery Circumstances: DAMAGED IN A MUDSLIDE ON 12/14/95.

Significant Effects on Safety: NONE

Corrective Action Taken: PUMPING OPERATIONS WERE IMMEDIATELY SUSPENDED AND

MAINTENANCE CREWS WERE DISPATCHED TO THE SITE. NITROGEN WAS USED TO DISPLACE PRODUCT IN THE PIPELINE THROUGH THE AFFECTED AREA, ELIMINATING ANY CHANCE OF PRODUCT SPILLAGE. EXCAVATION AT THE SITE IS HAMPERED

BY CONTINUING RAINFALL AND DEEP MUD. A REROUTE IS BEING STUDIED AND DESIGNED BY OLYMPICMANAGEMENT, STAFF ENGINEERS AND CONSULTANTS. IT IS ANTICIPATED THAT APPROXIMATELY 1200' OF 14" PIPE WILL BE DELIVERED, WELDED UP, HYDROSTATICALLY TESTED AND PERMANENTLY LAYED IN A NEW RIGHT-OF-WAY. SCHEDULED TO RESUME 12/25 OR 12/26.

Shutdown: YES

Date Action Taken: 12/14/1995

Planned Follow-Up/Corrective Action: SCHEDULE TO RESUME OPERATING ON OR ABOUT

12/25/95 OR 12/26/1995

To Begin: 12/14/1995 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 12/28/1995 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 12/28/1995

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/01/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED OPERATOR AND CONFIRMED INFORMATION.
ASKED

OPERATOR TO KEEP REGION PERSONNEL INFORMED OF
ANY CHANGES IN PLANS. CONFIRMED SRCR INFORMATION
IS ACCURATE.

Action Taken By Operator: SHUT DOWN LINE AND PURGED SECTION AFFECTED WITH
NITROGEN. WILL RELOCATE TO SAFER AREA.

Date Repair Completed: 12/25/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OLYMPIC ACTED PURDENTLY IN THEIR ACTIONS TO PREVENT A POSSIBLE
SPILL.

THE REROUTE HAS BEEN COMPLETED IN AN AREA WHERE THEY SHOULD
HAVE NO MORE

PROBLEMS WITH LANDSLIDES. RECOMMEND THAT THIS CASE BE CLOSED.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950054 Condition Number(s): 4
Operator Name: MARATHON PIPE LINE COMPANY OPID:
Street Address: 539 SOUTH MAIN STREET
City: FINDLAY State: OH ZIP: 45840

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 01/04/1996 Date Received: 01/04/1996
Reporting Official's Name: GARY D. STEED
Title: CENTRAL DISTRICT SUPT. Phone: 2173824911
Determining Person's Name: GARY D. STEED
Title: CENTRAL DISTRICT SUPT. Phone: 2173824911
Date condition Determined to Exist: 01/02/1996
Condition Location: City: MARTIN COUNTY State: IN

Specific Location: ROBINSON-LOUISVILLE 16" PRODUCTS IN MARTIN COUNTY,
INDIANA (BOGGS CREEK)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

3. Crack or material defect in LNG facility (LNG)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: DENT WITH GOUGE. DENT APPROXIMATELY 4"X3" WIDE.
GOUGE APPROX. 0.133 DEEP. APPARENT DAMAGE FROM
EXCAVATOR.

Discovery Circumstances: INVESTIGATIVE DIG INSPECTIONS AS INDICATED BY
INSTRUMENT PIG WHICH WAS RAN IN NOVEMBER OF 1994.

Significant Effects on Safety: DAMAGE IN BOGGS CREEK APPROXIMATELY 1 MILE
FROM WHITE RIVER.

Corrective Action Taken: REDUCED MAOP FROM 1200 PSIG TO 575 PSIG ON JAN 3,
1996 (27% SMYS). THIS IS TEMPORARY ACTION UNTIL
PERMANENT REPAIR IS COMPLETED.

Reduced Pressure From (PSI): 1200 to (PSI): 575

Shutdown: NO

Date Action Taken: 01/03/1996

Planned Follow-Up/Corrective Action: REPAIR WITH FULL ENCIRCLEMENT SLEEVE.

To Begin: 01/05/1996 To Be Completed By: 01/31/1996

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 01/18/1996 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 01/18/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/23/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: DETERMINED CONDITION WAS #4, MATERIAL DEFECT
OR

PHYSICAL DAMAGE, INSTEAD OF #3.

Action Taken By Operator: INSTALLED A FULL ENCIRCLEMENT WRAP ON THE 16"
ROBINSON-LOUISVILLE PRODUCT LINE ON JANUARY 11,
1996. PRESSURE WAS INCREASED TO THE PREVIOUS MOP OF
1200 PSIG ON JANUARY 12, 1996. WRAP WAS 4' LONG AND
WELDED ON THE ENDS ALSO.

Date Repair Completed: 01/11/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS SRCR SHOULD BE CLOSED.

Prepared by: WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 950055 Condition Number(s): 6
Operator Name: AIR PRODUCTS OPID:
Street Address: 7201 HAMILTON BLVD.
City: ALLENTOWN State: PA ZIP: 18195

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 12/27/1995 Date Received: 12/28/1995
Reporting Official's Name: KERRY J. STERNER
Title: SR. ENGINEERING TECHNICIAN Phone: 6104818422
Determining Person's Name: DALE HICKMAN
Title: PIPELINE SUPERVISOR Phone: 7134795901
Date condition Determined to Exist: 12/17/1995
Condition Location: City: LAPORTE State: TX

Specific Location: 8" ENTERPRISE HYDROGEN PIPELINE, 1000 NORTH OF 1-10 AND
250 SOUTH OF LANGSTON ROAD

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: HYDROGEN

Description of Condition: AFTER 2 DAYS OF RAIN IN THE AREA, A LOCAL RESIDENT
RIDING AN ATV SPOTTED BUBBLES IN SURFACE WATER OVER
TOP OF OUR PIPELINE ON DECEMBER 17, 1995 AT 4:00PM.
THIS RESIDENT NOTIFIED AIR PRODUCTS OF THE LEAK. AIR
PRODUCTS TECHNICIAN ARRIVED AT THE SITE AT 5:00PM
AND IDENTIFIED THE LEAK. THE LEAK HAS SMALL BUBBLES,
AND A VERY SMALL LEAK RATE. NO EXPLOSIVE ENVELOPE
WAS DETECTED BY USE OF A SURFACE SAMPLER, BUT
BUBBLES SNIFFED HOT BY SURFACE SAMPLER.

Discovery Circumstances: DISCOVERED BY A LOCAL RESIDENT RIDING AN ATV.

Significant Effects on Safety: NONE

Corrective Action Taken: THE LEAK AREA IS IN A GRASS PIPELINE CORRIDOR
SEPARATED FROM LANGSTON ROAD BY A DRAINAGE DITCH AND
SINCE NO VEHICLES CAN GET TO THE LEAK AREA DIRECTLY
AND THE RESIDENTS ARE OVER 160 YARDS AWAY WE CONSIDER
THE LEAK TO HAVE A MINIMAL IMPACT ON THE PUBLIC. THE
LEAK WILL BE MONITORED TWICE DAILY TO CHECK FOR ANY
SIGNS THE LAK MAY BE WORSENING AND THE AREA HAS BEEN
SECURED. LEAK REPAIRS ARE SCHEDULED TO TAKE PLACE ON
12/28/95 AT 6:00AM AND COMPLETED BY 8:00PM 12/28/95.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPAIR SCHEDULED FOR 12/28/95.

To Begin: 12/28/1995 To Be Completed By: 12/28/1995
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/18/1996 Region: SOUTHWES
Date Sent To State: 01/18/1996 State/Agency: TXRRC
OPS Representative: MICHELLE SILVA
Date: 01/18/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/27/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: PIPELINE SAFETY CALLED DALE HICKMAN, PIPELINE SUPERVISOR OF AIR PRODUCTS AND RECEIVED AN UPDATE ON THE STATUS OF THE LINE.

Action Taken By Operator: AIR PRODUCTS DUG A BELL HOLE AND FOUND A PIN HOLE

LEAK IN A WELD. THE WELD WAS CUT OUR AND RADIOGRAPHIC TESTS WERE PERFORMED, BUT CAUSE IF THE PIN HOLE COULD NOT BE DETERMINED. A NEW SECTION WAS WELDED IN AND RADIOGRAPHED.

Date Repair Completed: 12/28/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WILL BURKS, TRC/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960001 Condition Number(s): 4
Operator Name: VASTAR RESOURCES, INC. OPID:
Street Address: 15375 MEMORIAL DRIVE
City: HOUSTON, HARRIS COUNTY State: TX ZIP: 77079

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/22/1996 Date Received: 01/22/1996
Reporting Official's Name: MICHAEL R. SCOGGINS
Title: ENVIRON. ENGINEER Phone: 7135843599
Determining Person's Name: DAN BEAL
Title: PROJECT ENGINEER Phone: 7135843194
Date condition Determined to Exist: 01/22/1996
Condition Location: City: OFFSHORE FACILITY State: LA

Specific Location: CHEVRON'S MAIN PASS BLOCK 77 A - 4 1/2" GAS FLOWLINE
FROM VASTAR RESOURCES WELL #1 IN S/L 13718, MAIN PASS
BLOCK 77 TO CHEVRON'S MAIN PASS 77 A PLATFORM

Occurred on Outer Continental Shelf: YES

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A DIVE BOAT IN THE VICINITY OF VASTAR'S MAIN PASS 77 WELL #1 FOR PURPOSES OF MAKING REPAIRS TO THE FLOWLINE AS A RESULT OF DAMAGE DONE TO THE FLOWLINE AS A RESULT OF MUD SLIDES. (DAMAGE PREVIOUSLY REPORTED TO DOT VIA A SAFETY RELATED CONDITION REPORT DATED 8/9/1995, AND INCIDENT REPORT DATED 11/17/95.) THE DIVE BOAT WAS ON STANDBY DUE TO ADVERSE WEATHER CONDITIONS WHEN IT LOST STATION AND DRIFTED INTO THE RISE AT VASTAR'S MAIN PASS 717 CAISSON. THE RISE WAS DAMAGED BY THE IMPACT OF THE DIVE BOAT TO AN EXTENT THAT REPLACEMENT WILL BE NECESSARY. THERE WAS NO PRODUCT IN THE RISER AT THE TIME OF THE IMPACT AND THUS THERE WAS NO RELEASE OF ANY KIND.

Discovery Circumstances: DUE TO REPAIRS TO THE FLOWLINE AS A RESULT OF DMAGE DONE BY MUD SLIDES WHICH WERE REPORTED IN A PREVIOUS SAFETY RELATED CONDITION REPORTE DATED 8/9/1995.

Significant Effects on Safety: NONE

Corrective Action Taken: THE DAMAGED RISE HAS BEEN REMOVED FROM THE CAISSON.

THE RISE WILL BE REPLACED WITH PIPING OF THE SAME GRADE, DIAMETER, ETC. AS THE ORIGINAL. THE REPLACEMENT RISE WILL BE SLIGHTLY LONGER. THE ORIGINAL WAS 80' IN LENGTH MEASURED FROM FLANGE TO FLANGE AND THE REPLACEMENT RISER WILL BE 87' FROM FLANGE TO FLANGE. THE REPLACEMENT WILL BE DONE IN CONJUNCTION WITH THE OTHER REPAIRS PREVIOUSLY PLANNED ON THE FLOWLINE. REPLACEMENT OF THE RISER COULD OCCUR AS SOON AS TUESDAY JANUARY 23, 1996.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACE DAMAGED RISER.

To Begin: 01/22/1996 To Be Completed By: 01/23/1996

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 01/23/1996 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 01/23/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/06/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Communicated with Operator through repair phase.

Action Taken By Operator: See letter dated May 1, 1996 which also addresses
SRC 950033. Replaced and retested riser.

Date Repair Completed: 05/01/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: The safety Related Condition no longer exists and the SRC report should
be closed.

Prepared by: Larry Atwell

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960002 Condition Number(s): 4
Operator Name: EAST OHIO GAS COMPANY OPID: 4060
Street Address: 1201 EAST 55TH STREET
City: CLEVELAND State: OH ZIP: 44103

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/29/1996 Date Received: 01/29/1996
Reporting Official's Name: PAUL E. OLEKSA
Title: MANAG, CODES AND REGULATORY Phone: 2167366858
Determining Person's Name: TIM MCNUTT
Title: GEN. SUPV. ENGIN. CONSTRUCTION Phone: 2164975130
Date condition Determined to Exist: 01/22/1996
Condition Location: City: RICHFIELD State: OH

Specific Location: 1200 FT NORTH OF BRUSH STATION/1260 FEET SOUTH OF BRUSH ROAD. BRUSH STATION LOCATED AT 4010 BRECKSVILLE ROAD, RICHFIELD, OHIO 44286-9692 IN SUMMIT COUNTY.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: EAST OHIO RECEIVED AN ORDOR OF GAS COMPLAINT FROM A

RESIDENT ON BRUSH ROAD ON SATURDAY, JANUARY 20, 1996. PERSONNEL RESPONDED AND LOCATED A LEAK INDICATION ON A 20-INCH NATURAL GAS TRANSMISSION PIPELINE, TPL NO. 8. IT WAS DETERMINED THAT THERE WAS NO IMMEDIATE DANGER TO PUBLIC SAFETY, AND THAT REPAIRS COULD WAIT UNTIL MONDAY. ON MONDAY, JANUARY 22, THE LEAK WAS EXCAVATED. IT WAS DETERMINED, BECAUSE OF LOSS OF PIPE WALL, THAT IT WAS NECESSARY TO REPLACE A CYLINDER OF PIPE.

Discovery Circumstances: COMPLAINT REPORTED BY RESIDENT RESIDING ON BRUSH ROAD.

Significant Effects on Safety: NO IMMEDIATE DANGER TO PUBLIC SAFETY.

Corrective Action Taken: ON TUESDAY, JANUARY 23, 1996, PRESSURE WAS REDUCED FROM 252 PSIG TO 145 PSIG, AND A CONTRACTOR REPLACED A CYLINDER OF 20-INCH PIPELINE, APPROXIMATELY 5 FEET LONG. THE PIPELINE WAS RETURNED TO SERVICE AT ABOUT 6:00PM TUESDAY, JANUARY 23, 1996. NO ADDITIONAL FOLLOW-UP OR FUTURE CORRECTIVE ACTION IS PLANNED OR

REQUIRED.

Reduced Pressure From (PSI): 252 to (PSI): 145

Shutdown: NO

Date Action Taken: 01/23/1996

Planned Follow-Up/Corrective Action: NO ADDITIONAL FOLLOW-UP OR FUTURE
CORRECTIVE ACTION IS PLANNED OR REQUIRED.

To Begin: 01/23/1996 To Be Completed By: 01/23/1996

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 02/05/1996 Region: CENTRAL

Date Sent To State: 02/05/1996 State/Agency: OH PUC

OPS Representative: MICHELLE SILVA

Date: 02/05/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/28/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE REVIEWED OPERATORS RECORDS AND ACTIONS IN

REFERENCE TO THE REPLACEMENT OF A 5-FOOT SECTION OF TPL#8.

Action Taken By Operator: AS A RESULT OF AN ODOR COMPLAINT, A CORROSION LEAK

WAS FOUND ON TPL#8. A 5-FOOT SECTION OF 20 INCH PIPELINE TPL#8 WAS REPLACED. NO FURTHER CORRECTIVE ACTION WAS TAKEN OR PLANNED.

Date Repair Completed: 01/23/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/20/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CENTRAL REGION RECEIVED SRCR ON 6/10/96 AND CONTACTED THE STATE OF OHIO.

Action Taken By Operator: EAST OHIO RECEIVED AN ORDOR OF GAS COMPLAINT FROM A

RESIDENT ON SATURDAY, JANUARY 20, 1996. PERSONNEL FROM EOG RESPONDED AND LOCATED A LEAK INDICATION ON A 20" NATURAL GAS TRANSMISSION PIPELINE, TPL NO. 8. IT WAS DETERMINED THAT THERE WAS NO IMMEDIATE DANGER TO PUBLIC SAFETY. ON MONDAY, JANUARY 22, 1996 THE LINE WAS EXCAVATED AND AT THAT TIME IT WAS DETERMINED THAT THE LEAK WAS CAUSED BY A LOSS OF PIPE WALL THICKNESS. ON TUESDAY JANUARY 23, 1996 THE PRESSURE IN THE LINE WAS REDUCED FROM 252 PSI TO 145 PSI, EOG CONTRACTED TO HAVE A CONTRACTOR REPLACED A CYLINDER OF 20" PIPELINE APPROXIMATELY 5'IN LENGTH. THE PIPELINE WAS RETURNED TO SERVICE AT ABOUT 6:00PM ON TUESDAY, JANUARY 23, 1996. NO ADDITIONAL FOLLOW-UP OR FUTURE CORRECTIVE ACTION IS PLANNED OR REQUIRED.

Date Repair Completed: 01/23/1996

Resulted in Incidents After Report: NO

Date of Incident: 01/20/1996

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO ADDITIONAL FOLLOW-UP OR FUTURE CORRECTIVE ACTION IS PLANNED OR

REQUIRED. IT IS THEREFORE RECOMMENDED THAT SRCR NO 960002 BE CLOSED.

Prepared by: JAMES REYNOLDS

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960003 Condition Number(s): 2
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 02/12/1996 Date Received: 02/12/1996
Reporting Official's Name: S.J. CHOBY
Title: MANAGER, CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: FRANK PERRY
Title: OPERATIONS SUPERVISOR Phone: 3043572349
Date condition Determined to Exist: 02/08/1996
Condition Location: City: BLACK FORK, TUCKER COUNTY State: WV

Specific Location: HADDIX RUN ALONG ROUTE 219 BETWEEN PORTERSWOOD AND
PARSON, WV

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AT 7:45 P.M. ON FEBRUARY 8, 1996, HIGH WATER AND ICE
CONDITIONS CAUSED PULL OUT OF 2" STEEL PIPELINE FROM
COUPLING ON BOTH SIDES OF HADDIX RUN. LINE 8056 (2",
0.154" WALL) WAS INSTALLED IN 1968 AND OPERATES AT
39 PSIG (MOP 50 PSIG). THIS PIPELINE IS THE SOLE
SOURCE OF SUPPLY TO 17 MOUNTAINEER GAS COMPANY
DISTRIBUTION CUSTOMERS.

Discovery Circumstances: DISCOVERED AND OCCURRED AS A RESULT OF HIGH
WATER

AND ICE CONDITIONS.

Significant Effects on Safety: THIS PIPELINE IS THE SOLE SOURCE OF SUPPLY TO
17 MOUNTAINEER GAS COMPANY DISTRIBUTION
CUSTOMERS.

Corrective Action Taken: EMERGENCY ACTION INCLUDED THE INSTALLATION OF AN
AERIAL PIPE FRAME TO SUPPORT A WELL MARKED ABOVE
GROUND INSTALLATION OF 2" SDR 11 PLASTIC PIPE
NECESSARY TO MAINTAIN SERVICE TO LOCAL DISTRIBUTION
COMPANY CUSTOMERS UNTIL A PERMANENT BURIED CREEK
CROSSING IS INSTALLED. A WAIVER OF 49 CFR 192.321(A)
IS BEING MADE THIS DATE. A COPY IS ATTACHED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: TEMPORARY MEASURES WILL BE REPLACED WITH

A PERMANENT STREAM CROSSING WHEN
CONDITIONS PERMIT. PERMIT.

To Begin: 03/18/1996 To Be Completed By: 03/25/1996

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 02/20/1996 Region: EASTERN

Date Sent To State: 02/20/1996 State/Agency: WVPSC

OPS Representative: MICHELLE M. SILVA

Date: 02/20/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/08/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed temporary repairs. Reviewed w/operator completion of permanent repair.

Action Taken By Operator: Made temporary repairs with above ground installation of a 2" plastic line to provide continuous service to customers. Temp. plastic pipe above ground has been removed. New below ground line in service.

Date Repair Completed: 10/31/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Letter from operator attached to follow-up report in file. (Entered in database by Paul Gustilo on 12/3/1996 based on information provided by Darrell McKown in letter dated 11/8/1996.

Prepared by: Darrell McKown

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/15/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Visited site, reviewed temporary creek crossing.
Temporary repairs made by placing plastic pipe
above ground.

Action Taken By Operator: Temporary plastic line above ground over the creek
crossing.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Sketch attached to follow up report on file. Copy of waiver from R.

Felder to Steve Choby for allowing plastic pipe to be temporarily placed
above ground. (Entered in database by Paul Gustilo on 12/3/1996 based on
information provided by Daryl McKown in letter dated 11/8/96.)

Prepared by: Darrell McKown

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960004 Condition Number(s): 1
Operator Name: SOUTHERN CALIFORNIA GAS COMPANY OPID:
Street Address: 555 WEST FIFTH STREET
City: LOS ANGELES State: CA ZIP: 90013-1011

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/16/1996 Date Received: 02/16/1996
Reporting Official's Name: TODD I. SOSTEK
Title: EDS-ENVIRONMENT AND SAFETY MGR Phone: 2132445870
Determining Person's Name: GARY ROHRER
Title: TRANS & STORAGE DIST PIPE MGR Phone: 8052537039
Date condition Determined to Exist: 02/10/1996
Condition Location: City: NEWHALL State: CA

Specific Location: 23469 SAN FERNANDO ROAD, NEWHALL, CA 91321 IN LOS ANGELES COUNTY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ROUTINE LEAK SURVEY REVEALED NATURAL GAS LEAK IN TRANSMISSION LINE 120 (22-INCH DIAMETER, 0.312-INCH WALL THICKNESS, 35,000 SMYS, MAOP 228 PSIG, CLASS 3 LOCATION) OPERATING AT 220 PSIG PRESSURE. SUBSEQUENT INVESTIGATION REVEALED 2-FOOT LONG AREA SHOWING 8 EXTERNAL CORROSION PITS ON BOTTOM HALF OF PIPE, WITH GAS ESCAPING FROM TWO OF THE PITS. PIPELINE WAS CATHODICALLY PROTECTED, BUT COATING HAD DETERIORATED.

Discovery Circumstances: ROUTINE LEAK SURVEY REVEALED NATURAL GAS LEAK IN TRANSMISSION LINE.

Significant Effects on Safety: NONE

Corrective Action Taken: REPAIRS WERE MADE ON THE PIPELINE IN ACCORDANCE WITH

49 CFR PAR 192.717(A)(3), AND COMPLETED ON 2/12/96.

Reduced Pressure From (PSI): 220

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 02/20/1996 Region: WESTERN
Date Sent To State: 02/20/1996 State/Agency: CAPUC
OPS Representative: MICHELLE SILVA
Date: 02/20/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/18/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: WESTERN REGION FAXED A COPY OF THE SRCR TO THE

CA-PUC ON 20 FEB 96 WITH A REQUEST FOR INFORMATION VERIFICATION ON 20 FEB 96.

Action Taken By Operator: REPAIRS WERE MADE ON THE PIPELINE IN ACCORDANCE WITH

49 CFR PART 192.717(A)(3), AND COMPLETED ON 12 FEB 96.

Date Repair Completed: 02/12/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS SRCR WAS FILED UNDER 191.23(B)(4); THIS REG REQUIRES A SRCR FOR GENERALIZED CORROSION EVEN IF THE LINE HAS BEEN REPAIRED AS IN THIS

CASE. I RECOMMEND THAT THIS SRCR BE CLOSED.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960005 Condition Number(s): 1
Operator Name: CENEX PIPELINE COMPANY OPID:
Street Address: P.O. BOX 909
City: LAUREL State: MT ZIP: 59044

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 03/01/1996 Date Received: 03/01/1996
Reporting Official's Name: RICHARD J. LOHOF
Title: MANAGER Phone: 4066285202
Determining Person's Name: BILL MCDONALD
Title: INSTRUMENT TECHNICIAN Phone: 4066285364
Date condition Determined to Exist: 02/26/1996
Condition Location: City: MILES CITY State: MT

Specific Location: 8 MILES WEST OF MILES CITY, MONTANA IN CUSTER COUNTY.
WEST OF BLOCK VALVE 155 ON THE CENEX PRODUCT PIPELINE.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LIQUID PRODUCTS-GAS

Description of Condition: AFTER EXAMINING AND INTERPRETING THE RESULTS OF THE

LINALOG INTERNAL INSPECTION, IT WAS DETERMINED THAT THERE IS SUFFICIENT LOSS OF PIPE WALL THICKNESS TO CAUSE A SAFETY RELATED CONDITION. THE COMMODITIES TRANSPORTED ARE UNLEADED GASOLINE, #1 BURNER FUEL, AND #2 DIESEL FUEL.

Discovery Circumstances: RESULTS OF LINALOG INTERNAL INSPECTION.

Significant Effects on Safety: NONE

Corrective Action Taken: ON MONDAY, FEBRUARY 26, THE PRESSURE AT OUR PUMP STATION 13 MILES UPSTREAM FROM THE LOCATION IN QUESTION WAS LOWERED FROM OUR NORMAL OPERATING PRESSURE OF 1440 LBS TO 1100 LBS. THE CORRECTIVE ACTION PLANNED IS THE REPLACEMENT OF APPROXIMATELY 1/2 MILE OF MAINLINE PIPE. WE WILL START THIS PROJECT IMMEDIATELY AND EXPECT COMPLETION BY MAY 1, 1996.

Reduced Pressure From (PSI): 1440 to (PSI): 1100

Shutdown: NO

Date Action Taken: 02/26/1996

Planned Follow-Up/Corrective Action: REPLACEMENT OF APPROXIMATELY 1/2 MILE OF MAINLINE PIPE.

To Begin: 02/26/1996 To Be Completed By: 05/01/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/12/1996 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 03/12/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/01/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED CENEX AND CONFIRMED INFORMATION ON SRCR.

Action Taken By Operator: LOWERED OPERATING PRESSURE TO ~1100 PSI FROM 1440 PSI. WILL REPLACE ~1/2 MILE OF LINE.

Date Repair Completed: 05/08/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CALLED CENEX 6/10/96. CONFIRMED REPLACEMENT OF ~1000' OF PIPE IN 3 AREAS. REPAIRS COMPLETED AND LINE IN OPERATION @ NOP AS OF 5/8/96. RECOMMEND TO CLOSE SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960006 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/08/1996 Date Received: 03/08/1996

Reporting Official's Name: MARTIN C. SCHWOEBLE

Title: Phone: 3046238408

Determining Person's Name: TERRY J. THARP

Title: CNG FIELDMAN Phone: 3046238096

Date condition Determined to Exist: 03/07/1996

Condition Location: City: SEDALIA State: WV

Specific Location: APP. 1 MILE NORTH OF SEDALIA DODDRIDGE COUNTY, WV
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AT 4:45PM, 2/6/96, GAS CONTROL CALLED WITH A POSSIBLE GAS LEAK ON TL-283. MR. FREEMAN PRITCHART HAD REPORTED BUBBLES IN STANDING WATER BEHIND HIS HOUSE. SENT TERRY THARPE TO INVESTIGATE. TERRY REPORTED BACK AT 6:15 P.M. LEAK, ALTHOUGH SMALL, ON TL-238 APPROXIMATELY 400 FT. FROM PRITCHART'S HOUSE.

Discovery Circumstances: REPORTED BY MR. FREEMAN PRITCHART WHO DISCOVERED

THE BUBBLES IN STANDING WATER BEHIND HIS HOUSE.

Significant Effects on Safety: NONE

Corrective Action Taken: DUG OUT LEAK AREA. FOUND CORROSION PIT HOLE IN PIPE.

INSTALLED BAND CLAMP OVER LEAK. CHECKED FOR ADDITIONAL LEAKAGE, NONE DETECTED BY GAS TRAC. REFILLED HOLE. CORROSION TECH ON HAND FOR PIPE EVALUATIONS.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 03/07/1996 To Be Completed By: 03/07/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 03/12/1996 Region: EASTERN
Date Sent To State: 03/12/1996 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 03/12/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/19/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: Leak area was dug out. A corrosion pit was found in pipe. A band clamp was installed over leak. Additional leakage was checked for but none was detected by Gas Trac. Hole was refilled. A corrosion technician was on hand for pipe evaluations.

Date Repair Completed: 03/07/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Done by WV-interstate agent Pipe was installed in 1949 and 3 leaks were repaired in 1994.

Prepared by: D. Nicholson-Meade

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960007 Condition Number(s): 1
Operator Name: CITGO PIPELINE COMPANY OPID: 2387
Street Address: P.O. BOX 3758
City: TULSA State: OK ZIP: 74102

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 03/06/1996 Date Received: 03/12/1996
Reporting Official's Name: JIM SANDERS
Title: MANAGER, SAFETY & ENVIRONMENTAL Phone: 9184954786
Determining Person's Name: DALE L. STOGSDILL
Title: DISTRICT MANAGER Phone: 2143803759
Date condition Determined to Exist: 02/29/1996
Condition Location: City: SHAWNEE State: OK

Specific Location: A 80 MILE SECTION STARTING 5 MILES WEST OF WILSON,
OKLAHOMA ON THE SOUTH EXTENDING NORTH AND ENDING AT
PANOVA STATION ABOUT 5 MILES WEST OF SHAWNEE, OK

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LIQUID PRODUCTS

Description of Condition: GENERAL CORROSION IDENTIFIED BY INTERNAL
INSPECTION

AND CONFIRMED BY A SERIES OF TEST DIGS.

Discovery Circumstances: IDENTIFIED BY INTERNAL INSPECTION AND CONFIRMED
BY

SERIES OF TEST DIGS.

Significant Effects on Safety: LOCALIZED CORROSION THAT REDUCED WALL
THICKNESS TO A POINT THAT WOULD NOT SUPPORT
MOP.

Corrective Action Taken: REDUCED MOP BY 30% ON FEBRUARY 23, 1996. BEGAN TEST
DIGS ON FEBRUARY 26, 1996. COMPLETED TEST DIGS ON
FEBRUARY 29, 1996. MADE REPAIRS AT ALL TEST DIG
SITES. SET PRESSURE CONTROL VALVES TO MAINTAIN A
MAXIMUM PRESSURE OF 300 PSIG.

Shutdown: NO

Date Action Taken: 02/23/1996

Planned Follow-Up/Corrective Action: MAINTAIN CATHODIC PROTECTION AND
PERFORM

CLOSE INTERVAL SURVEY IN JUNE 1996.
HYDROTEST LINE NO LATER THAN DECEMBER

1998.

To Begin: 06/01/1996 To Be Completed By: 12/31/1998
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/14/1996 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 03/14/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/15/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called Dale Stogsdill 3/14/96. Confirmed corrosion external vs internal; MOP reduced 30 percent from 428 to 300 psig rendering pipeline within safety standards.

Action Taken By Operator: Citgo plans to restore MOP to 428 psig only after other remedial actions and after hydrostatic tests to reestablish MOP from 300 to 428 psig.

Date Repair Completed: 02/29/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Operator response appeared prompt and appropriate.

Prepared by: Larry Atwell

Reviewed by: James Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960008 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/20/1996 Date Received: 02/20/1996
Reporting Official's Name: JACK L. ADAMS
Title: MGR., PIPELINE SAFETY Phone: 3046238410
Determining Person's Name: THOMAS SHACKLEFORD
Title: OPERATIONS SUPERVISOR Phone: 3042695495
Date condition Determined to Exist: 02/13/1996
Condition Location: City: VALLEY CHAPEL State: WV

Specific Location: KENNEDY PRODUCTS YARD, VALLEY CHAPEL, LEWIS COUNTY,
WV

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: FOUND CORROSION PIT WITH 1/16" HOLE ON 16" DRIP
BARREL AT 1:15 P.M., 2/13/96. PRESSURE ON TL-427 WAS
230 PSIG AT THAT TIME. FOUND LOCALIZED CORROSION
CONDITION ON DRIP RECEIVER BARREL ALSO.

Discovery Circumstances: FOUND CORROSION PIT WITH 1/16 HOLE ON 16" DRIP
BARREL.

Significant Effects on Safety: NONE

Corrective Action Taken: ISOLATED 100 FT. OF LINE OVER TO LAUNCHER AND
INSTALLED H.P. PLEIDCO 2000# BAND CLAMP OVER 16" DRIP
BARREL RECEIVER AS A PERMANENT REPAIR ON FEBRUARY 14,
1996.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: N/A

To Begin: 02/13/1996 To Be Completed By: 02/14/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 04/17/1996 Region: EASTERN
Date Sent To State: 04/17/1996 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 04/17/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/19/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: One hundred feet of line was isolated from the gate over to launcher and H.P. Pleido 2000# band clamp was installed over 16" drip barrel receiver as a permanent repair.

Date Repair Completed: 02/14/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Done by WV interstate agent. Line had no leaks within the last 5 years.

Prepared by: D. Nicholson-Meade

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960009 Condition Number(s): 2
Operator Name: LONG ISLAND LIGHTING COMPANY OPID:
Street Address: 175 EAST OLD COUNTRY ROAD
City: HICKSVILLE State: NY ZIP: 11801

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/04/1996 Date Received: 04/11/1996
Reporting Official's Name: WILLIAM M. DUNN
Title: MGR. OPERATIONS & REG SUPPORT Phone: 5165454927
Determining Person's Name: PETER BAKER
Title: MANAGER, GAS ENGINEER DEPT. Phone: 5165454927
Date condition Determined to Exist: 04/02/1996
Condition Location: City: ISLAND PARK State: NY

Specific Location: E. F. BARRETT POWER STATION, ISLAND PARK, NY
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ON 4/1/96 A SITE VISIT WAS PERFORMED AND A DISCOVERY MADE THAT A PORTION OF THE DAMAGED E.F. BARRETT POWER STATION TURBINE DECK GANTRY CRANE WAS CLOSE TO THE 30" 350 PSIG GAS TRANSMISSION MAIN LOCATED ON THE E.F. BARRETT PROPERTY. THE NYSPSC (MR. R. CRIMMONS) WAS NOTIFIED BY PHONE ON 4/1/96. ON 4/2/96 A SAFETY RELATED CONDITION DECLARATION WAS MADE AFTER CONDUCTIVE TONE EQUIPMENT MARKOUT, PIPE TO SOIL POTENTIAL TESTS AND CONTINUITY TEST INDICATED THAT THE CRANE WAS IN CONTACT WITH THE PIPE WHICH IS BURIED APPROXIMATELY 3 FT BELOW GRADE. VISUAL CONFIRMATION OF THIS CONTACT HAS NOT BEEN MADE BECAUSE THE DAMAGED CRANE HAS NOT BEEN MOVED. A LEAK SURVEY OF THE AREA WAS NEGATIVE.

Discovery Circumstances: DURING SITE VISIT ON 4/1/96

Significant Effects on Safety: NONE

Corrective Action Taken: A PRECAUTIONARY MEASURE GSO HAS REDUCED THE PRESSURE

IN THE MAIN TO 100 PSIG AND PUT EMERGENCY RESPONSE PROCEDURES INTO PLACE. REMOVAL OF THE CRANE TO ALLOW FOR THE VISUAL INSPECTION OF THE PIPE IS BEING PURSUED. IN ADDITION, THE POSSIBILITY OF INSTALLING A BY-PASS AROUND THE POTENTIALLY DAMAGED SECTION IS

BEING INVESTIGATED.

Shutdown: NOT REPORTED

Date Action Taken: 04/02/1996

Planned Follow-Up/Corrective Action: REMOVAL OF THE CRANE AND POSSIBLE
INSTALLATION OF A BY-PASS AROUND THE
POTENTIALLY DAMAGED SECTION.

To Begin: 04/02/1996 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 04/18/1996 Region: EASTERN

Date Sent To State: 04/18/1996 State/Agency: NYSPSC

OPS Representative: MICHELLE SILVA

Date: 04/17/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/17/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Requested pressure be lowered and that section of line affected by replaced or exposed and evaluated.

Action Taken By Operator: Pressure on line was decreased from 350 psig to 100 psig, due to the crane and soil conditions a 30" permanent by-pass was constructed and installed around the area of possible damage.

Date Repair Completed: 04/17/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY PSC witnessed the installation of the by-pass.

Prepared by: Kate Miller for NY PSC

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960010 Condition Number(s): 1
Operator Name: COLONIAL PIPELINE COMPANY OPID: 2552
Street Address: 945 EAST PACES FERRY ROAD
City: ATLANTA State: GA ZIP: 30326

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/09/1996 Date Received: 04/09/1996
Reporting Official's Name: STEPHEN S. THOMAS
Title: REGULATORY ENGINEER Phone: 4048412232
Determining Person's Name: DENNIS C. JOHNSTON
Title: PROJECT ENGINEER Phone: 4048412368
Date condition Determined to Exist: 04/04/1996
Condition Location: City: SIMPSONVILLE State: SC

Specific Location: SIMPSONVILLE, GREENVILLE COUNTY, SOUTH CAROLINA -
NEAR

REEDY RIVER

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline:

Description of Condition: AREA OF CORROSION APPROXIMATELY 10' LONG WAS
LOCATED

IN THE REEDY RIVER. REMAINING WALL THICKNESS WAS
DETERMINED TO BE APPROXIMATELY 0.180". NORMAL WALL
THICKNESS OF PIPELINE IS 0.281".

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: REPLACEMENT OF PIPE IS SCHEDULED FOR AS SOON AS
POSSIBLE. THE PRESSURE HAS BEEN REDUCED TO BE
COMMENSURATE WITH 0.180 WALL PIPE AT THIS LOCATION.

Shutdown: NOT REPORTED

Date Action Taken: 04/04/1996

Planned Follow-Up/Corrective Action: REPLACEMENT OF PIPE.

To Begin: 04/04/1996 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/18/1996 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 04/17/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/27/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: An area of corrosion approximately 10 feet long was located on the 36" pipeline in the Reedy River. The remaining wall thickness was determined to be approximately 0.180 inches. Normal wall thickness of pipeline is 0.281 inches. HFO WAS ISSUED 7/31/96. HFO WAS RESCINDED 7/3/97 BASED UPON COMPLETION OF CERTAIN ITEMS. A CONSENT ORDER WAS ISSUED 7/3/97 INCORPORATING CERTAIN FOLLOW-UP ITEMS IN THE HFO (OPEN). NPV & PCO SENT 12/5/97-CPF#27501 (OPEN).

Action Taken By Operator: Replacement of pipe is scheduled for as soon as possible. The pressure has been reduced to be commensurate with 0.180" wall pipe at this location. THE PRESSURE REDUCTION HAS BEEN LIFTED AND NORMAL OPERATIONS RESUMED.

Date Repair Completed: 06/27/1996

Resulted in Incidents After Report: YES

Date of Incident: 06/26/1996

Enforcement Action Taken: YES

X Case Opened (Federal case identification number 26503H *)

Notes: THE 36" PIPELINE AT THE REEDY RIVER FAILED ON JUNE 26, 1996. THE SECTION

OF PIPE AT THE RIVER WAS REPLACED. THE PRESSURE AT THE RIVER WAS REDUCED

TO 374 PSI UNTIL FURTHER APPROVAL BY OPS.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960011 Condition Number(s): 1
Operator Name: SOUTHERN NATURAL GAS CO OPID: 18516
Street Address: P.O. BOX 2563
City: BIRMINGHAM State: AL ZIP: 35202-2563

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/11/1996 Date Received: 04/11/1996
Reporting Official's Name: KENNETH C. PETERS
Title: SUPERVISOR, PIPELINE SAFETY Phone: 2053257554
Determining Person's Name: W. P. BLAND
Title: TRANSMISSION SUPERINTENDENT Phone: 3342856464
Date condition Determined to Exist: 04/08/1996
Condition Location: City: TALLASSEE, ELMORE COUNTY State: AL

Specific Location: NEAR TALLASSEE, ELMORE COUNTY, ALABAMA ON THE
MONTGOMERY
- COLUMBUS LINE

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: PIPELINE WAS EXCAVATED FOR VISUAL INSPECTION.
CORROSION PITTING WAS DISCOVERED. STRESS
CALCULATIONS UTILIZING THE RSTRENG METHOD REVEALED
MAXIMUM OPERATING PRESSURE OF LINE TO BE 404 PSIG.
PRESENT MAOP IS 525 PSIG.

Discovery Circumstances: WHILE EXCAVATED FOR VISUAL INSPECTION.

Significant Effects on Safety: NONE

Corrective Action Taken: OPERATING PRESSURE WAS LOWERED TO 400 PSIG.

Shutdown: NO

Date Action Taken: 04/08/1996

Planned Follow-Up/Corrective Action: MATERIAL IS BEING PROCURED AND
PREPARATIONS MADE TO REPLACE CORRODED
PIPE. REPLACEMENT SHOULD BE COMPLETED
WITHIN 30 DAYS OF THE DATE OF THIS
REPORT, BUT DEPENDANT UPON ABILITY TO
OBTAIN PIPE.

To Begin: 04/08/1996 To Be Completed By: 05/11/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/18/1996 Region: SOUTHERN

Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 04/18/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/23/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Spoke with Ken Peters who stated that the pipeline was excavated for visual inspection. Corrosion pitting was discovered. Stress calculations utilizing the RSTRENG method revealed MAOP of the line to be 404 psig. Present MAOP is 525 psig.

Action Taken By Operator: The operating pressure was lowered to 400 psig. Material is being procured and preparations made to replace corroded pipe. Replacement should be completed within 30 days of the date of this report.

Date Repair Completed: 05/16/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken. THE AREA OF CORROSION ON PIPE WAS REPLACED.

Prepared by: Vallery L. Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960012 Condition Number(s): 1
Operator Name: ALGONQUIN GAS TRANSMISSION COMPANY OPID:
Street Address: 1284 SOLDIERS FIELD ROAD
City: BOSTON State: MA ZIP: 02135

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/10/1996 Date Received: 04/10/1996
Reporting Official's Name: ROBERT F. TRAVERS
Title: ENGINEER, PIPELINE DESIGN Phone: 6175601393
Determining Person's Name: ANDREW G. DAVIDSON
Title: MANAGER COMPLIANCE TRANS DIV. Phone: 6175601496
Date condition Determined to Exist: 04/05/1996
Condition Location: City: WATERFORD State: CT

Specific Location: 8 OLD NORWICH ROAD, WATERFORD, CT
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: AS A PART OF A ROUTINE GAS LEAK SURVEY, A SMALL LEAK

OF NATURAL GAS WAS DISCOVERED AND CONFIRMED ON 4/4/96. THE LEAK RESULTED FROM A LOCALIZED CORROSION PIT. EXCAVATION AND EXAMINATION OF AN APPROXIMATE 20 FOOT LENGTH OF THE PIPELINE REVEALED OTHER LOCALIZED CORROSION PITS. ALL CORROSION PITS DISCOVERED WERE EVALUATED FOR REMAINING WALL STRENGTH AND, EXCEPT FOR ONE, WERE FOUND TO HAVE ACCEPTABLE REMAINING WALL STRENGTH VALVES. THE EXCEPTION WAS A PIT WITH A DEPTH GREATER THAN 80% OF THE WALL THICKNESS. AREAS WITH INADEQUATE CATHODIC PROTECTION POTENTIALS WERE IDENTIFIED IN LATE JANUARY, 1996 THROUGH A CLOSE-INTERVAL-POTENTIAL SURVEY PERFORMED OVER A LENGTH OF THE PIPELINE WHICH CONTAINS THE SUBJECT SECTION. THIS REPORT IS BEING SUBMITTED BECAUSE, AT THE CURRENT TIME, THIS SECTION GENERALLY DOES NOT APPEAR TO BE ADEQUATELY CATHODICALLY PROTECTED. WAS

Discovery Circumstances: AS A RESULT OF A ROUTINE GAS LEAK SURVEY.

Significant Effects on Safety: NONE

Corrective Action Taken: LEAKAGE OF NATURAL GAS WAS CONTROLLED WITH THE INSTALLATION OF A LEAK CLAMP FOLLOWING THE REDUCTION OF PRESSURE IN THE PIPELINE. A LEAK CLAMP WAS ALSO

INSTALLED ON THE CORROSION PIT WHERE LEAKAGE COULD RESULT. BOTH REPAIRS WERE COMPLETED BY 4/8/96. REMEDIAL ACTION TO ADDRESS INADEQUATE LEVELS OF CATHODIC PROTECTION IN THE AREA OF THE LEAK HAD BEEN INITIATED PRIOR TO DISCOVERY. DESIGN PLANS AND SPECIFICATIONS FOR AN ADDITIONAL CATHODIC PROTECTION SYSTEM ARE EXPECTED TO BE COMPLETED BY THE END OF APRIL. CONSTRUCTION IS PROPOSED OVER THE SUMMER MONTHS TO MINIMIZE ANY WETLAND IMPACT. FOLLOWING THE INSTALLATION AND COMMISSIONING OF THIS PROJECT ANOTHER CLOSE INTERVAL POTENTIAL SURVEY WILL BE PERFORMED TO CONFIRM SATISFACTORY LEVELS OF CATHODIC PROTECTION. FOR OTHER LOCATIONS OF LOW POTENTIALS REVEALED BY THE CLOSE-INTERVAL-SURVEY, FIELD TESTING IS SCHEDULED TO BE COMPLETED BY AUGUST OF THIS YEAR. TESTING IS EXPECTED TO LOCATE ANY ACTIVE CORROSION PITS ON THE PIPELINE WITHIN THE LOW POTENTIAL AREAS.

Shutdown: NO

Date Action Taken: 04/05/1996

Planned Follow-Up/Corrective Action: FURTHER FIELD TESTING.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.):

Date Sent To Region: 06/03/1996 Region: EASTERN

Date Sent To State: 06/03/1996 State/Agency: CTDPU

OPS Representative: MICHELLE SILVA

Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/21/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed Bioindustrial Technologies Inc. report, plan of AGT for monitoring and Bioindustrial acceptance of AGT plan. AGT will install at least 14 test coupons. Each coupon will be at a sufficient distance to allow removing coupon without disturbing adjacent coupons. AGT will remove 2 coupons each quarter for the first year to document protection.

Action Taken By Operator: AGT replaced approximately 240 feet of pipe in the area of bacterial corrosion. AGT is installing additional CP to raise all areas of the E lateral to acceptable level of protection. Report prepared by Bioindustrial on situation. Monitoring plan developed by AGT and concurred with by Bioindustrial, will involve test coupons and monitoring.

Date Repair Completed: 10/23/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Pipe replaced and backfill replaced, monitoring program being implemented to monitor situation as part of AGT corrosion control program.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/23/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CT DPUC continued to monitor the situation.

Inspected pipeline in area of past leaks; new leaks were discovered. Inspected replacement pipe in are of leakage.

Action Taken By Operator: Pipe in immediate area of leakage detected was inspected; additional leaks were found. All leaks were in a short section of pipe. Bacterial corrosion was detected and an expert was hired by AGT. AGT replaced approximately 240 feet of pipe in the area of bacterial corrosion. AGT is installing additional cathodic protection to raise all areas to an acceptable level of protection.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No appearant violations at this time. Problems were detected by operator as part of on-going monitoring program.

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/04/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: As interstate agents, CT DPUC is monitoring
Algonquin's progress.

Action Taken By Operator: Algonquin has taken several samples from the area to
determine the extent of corrosion. Algonquin has
considered replacing this section of pipe.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/19/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CT DPUC is an interstate agent and is monitoring Algonquin's progress.

Action Taken By Operator: Algonquin is continuing to perform corrosion evaluation. It is estimated that data collection will be completed on July 22, 1996. Then CT DPUC will meet with operator and determine the appropriate course of action.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960013 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/16/1996 Date Received: 04/16/1996
Reporting Official's Name: S.J. CHOBY
Title: MANAGER, CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: ROBERT BEITEL
Title: OPERATIONS SUPERVISOR Phone: 6108635113
Date condition Determined to Exist: 04/04/1996
Condition Location: City: SPRINGFIELD State: PA

Specific Location: 925' SOUTH OF MINE ROAD, 2251' NORTH OF PA RT.309
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A LEAK DUE TO CORROSION PITTING WAS DISCOVERED. LOCALIZED PITTING ADJACENT TO LEAK WAS EVALUATED BY RSTRENG METHOD. RSTRENG ANALYSIS DEMONSTRATED THAT PIPE INTEGRITY IS SERVICEABLE FOR OPERATION AT EXISTING MAOP.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: INSTALLED BOLT-ON LEAK CLAMP AND INSTALLED THREE ANODES AT LEAK SITE.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LEAK CLAMP WILL BE REPLACED BY PIPE REPLACEMENT AS PART OF PREVIOUSLY SCHEDULED LINE 1278 REPLACEMENT PROJECT.

To Begin: 07/15/1997 To Be Completed By: 07/17/1997
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/03/1996 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE M. SILVA
Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/11/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR REPLACED 251 FOOT SECTION PIPE AS PART OF

LARGER 1278 PROJECT. NEW STATION NUMBER 94+94, DIG #11

Date Repair Completed: 05/29/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WORK WAS PART OF LARGER 1278 REMEDIATION PROJECT AS ENDORSED BY OPS

EASTERN

Prepared by: B E COY

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/09/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ER MONITORING ILI CONSTRUCTION PROJECT

Action Taken By Operator: APPLYING ILI TOOL TO IDENTIFY METAL LOSS
LOCATIONS,

PROJECT SHOULD CONCLUDE BY NOV-97

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/17/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: ALL TARGETED WORK IN PREPARATION FOR ILI IS NOW COMPLETE. WHEN THE RESULT OF THE ILI TOOL ARE KNOWN, THIS LOCATION WILL BE A PART OF THE OVERALL CONSTRUCTION EFFORTS.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/27/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: REGION IS TRACKING EXTENSIVE REMEDIATION PROJECT

Action Taken By Operator: REPAIRS AND THE REMOVAL/REPAIR OF TEMP. CLAMPS TO BE

COMPLETED BY THE ARRIVAL OF THIS WINTER'S HEAT SEASON, IE. 11/15/1996

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/28/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: OBSERVE CONSTRUCTION PROJECT ON LINE 1278 JUNE
25-26. THIS LOCATION WILL BE PERMANENTLY
REPAIRED AS P/O OVERALL REMEDIATION PROJECT.

Action Taken By Operator: WILL ADDRESS PERMANENT REPAIR AS P/O OVERALL
REMEDICATION PROJECT. SPECIFIC TIMETABLE HAS NOT BEEN
DETERMINED AS YET.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.E. COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960014 Condition Number(s): 1
Operator Name: TORCH OPERATING COMPANY OPID:
Street Address:
City: SANTA MARIA State: CA ZIP:

System Type: NOT REPORTED Inter/Intrastate: INTRASTATE

Date of Report: 04/17/1996 Date Received: 04/17/1996
Reporting Official's Name: BOB MARSALEK
Title: SAFETY COORDINATOR Phone: 8057399111
Determining Person's Name: BOB MARSALEK
Title: SAFETY COORDINATOR Phone: 8057399111
Date condition Determined to Exist: 04/10/1996
Condition Location: City: SANTA BARBARA State: CA

Specific Location: VANDENBERG AIR FORCE BASE, SANTA BARBARA, CA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline:

Description of Condition: ON 4/12/1996 ULTRA SONIC TESTS WERE PERFORMED ON A SECTION OF THE 20" PIPELINE TO CONFIRM SMART PIG RESULTS THAT WAS PERFORMED IN LATE FEBRUARY. THE U.T. TESTS CONFIRMED THAT THE WALL LOSS IN SEVERAL LOCATIONS IS BELOW THE MOP OF 2130 PSI. THE LOWEST CALCULATED PRESSUR BEING 1647 PSI.

Discovery Circumstances: RESULTS FROM SMART PIG/CONFIRMED WITH ULTRA SONIC

THICKNESS TEST.

Significant Effects on Safety: NONE

Corrective Action Taken: VARIOUS OPTIONS ARE BEING CONSIDERED. FROM LOWERING

MOP AND INSTALLING A PSV. REPLACING THE BAD SECTIONS OF PIPE AND POSSIBLY USING SPRING LOCK ON OTHER MEANS TO REINFORCE AND STRENGTHEN THE PIPELINE.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SEE CORRECTIVE ACTION TAKEN.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/03/1996 Region: WESTERN

Date Sent To State: 06/03/1996 State/Agency: CASFM
OPS Representative: MICHELLE SILVA
Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/02/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPAIRED AND HYDROTESTED

Date Repair Completed: 11/19/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED BOB MARSALEK OF TORCH TO OBTAIN FOLLOW

UP INFORMATION

Action Taken By Operator: LINE HAS BEEN DERATED. MOP HAS BEEN LOWERED TO BELOW

SAFE OPERATING PRESSURE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident: 04/17/1996

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/11/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: RECEIVED SRCR ON 10 JUNE 96. GAVE TO DAVID MULLIGAN TO CONFIRM & FOLLOW./PJK DJM- SPOKE WITH BOB MARSALEK AND JOHN CRUZ ON 7/11/96 AND CONFIRMED SRCR.

Action Taken By Operator: MOP WAS LOWERED TO 1647 PSI FROM 2130 PSI. SRC IS DUE TO INTERNAL CORROSION. CONTINUED MONITORING OF PIPELINE WILL CONSIST OF SMART PIGGING EVERY YEAR. NORMAL OPERATING PRESSURE ON PIPELINE IS APPROXIMATELY 750 PSI.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS IS AN ON GOING MONITORING SITUATION. OPERATOR LOWERED THE MOP TO

1647 PSI. PIPELINE WILL BE SMART PIGGED EVERY YEAR.

Prepared by: MULLIGAN

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960015 Condition Number(s): 1
Operator Name: ALYESKA PIPELINE SERVICE CO OPID: 26149
Street Address: 1835 SOUTH BRAGAW ST.
City: ANCHORAGE State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/19/1996 Date Received: 04/23/1996
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: SENIOR ENGINEER Phone: 9072658106
Date condition Determined to Exist: 04/15/1996
Condition Location: City: ANCHORAGE State: AK

Specific Location: FIVE MILES NORTH OF PUMP STATION 2 M.P. 52.86
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: PETROLEUM

Description of Condition: AN INVESTIGATION WAS PERFORMED AT THIS LOCATION AS A

RESULT OF PIPETRONIX PIG CALLS. TAPE AND COATING WERE FOUND TO BE WELL-BONDED AND IN GOOD CONDITION EXCEPT ALONG THE BOTTOM OF THE PIPE (3:00 POSITION AND 9:00 POSITION) AND ALONG THE LONGITUDINAL SEAM. THE LOSS WAS DUE TO GENERAL CORROSION WITH THE MINIMUM REMAINING WALL OF .330 IN .462 NOMINAL WALL PIPE.

Discovery Circumstances: DUE TO AN INVESTIGATION AT LOCATION AS RESULT OF PIPETRONIX PIG CALLS.

Significant Effects on Safety: NONE

Corrective Action Taken: NO REDUCTION FROM THE OPERATING PRESSURE OF APPROXIMATELY 500 PSIG WAS REQUIRED BY THE WALL LOSS AT THIS LOCATION. THE WALL LOSS AT THIS LOCATION WILL REQUIRE THE MAXIMUM ALLOWABLE OPERATING PRESSURE TO BE LOWERED FROM 901 PSI TO 887 PSI. SINCE THE MAXIMUM OPERATING PRESSURE AT THIS LOCATION IS ALREADY LIMITED TO 815 PSE DUE TO UPSTREAM PIPING AT A LOWER ELEVATION, THIS REDUCTION IN DESIGN PRESSURE WILL HAVE NO IMPACT ON PIPELINE OPERATION OR MAXIMUM CAPABILITY. NO RELIEF SET POINTS OR OTHER SAFETY DEVICES REQUIRE CHANGE DUE TO THIS LOCAL PRESSURE

DE-RATING.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/03/1996 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: WALL LOSS WOULD REQUIRE PRESSURE REDUCTION FROM 901

TO 887. MOP FOR THIS SEGMENT IS 815 THEREFORE NO CORRECTIVE ACTION IS REQUIRED.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: A REDUCTION IN OPERATING PRESSURE FROM 901 TO 887 IS CALLED FOR BUT LINE

IS OPERATING AT 815 BECAUSE OF UPSTREAM PIPING AT A LOWER ELEVATION.

RECOMEND THIS BE CLOSED. HADDOW/STRAWN

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/11/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: RECEIVED SRCR ON 10 JUNE 96. FAXED TO JON STRAWN

IN AK TO CONFIRM & FOLLOW-UP.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960016 Condition Number(s): 1
Operator Name: PEOPLES NATURAL GAS CO. OPID: 15350
Street Address: 625 LIBERTY AVE.
City: PITTSBURGH State: PA ZIP: 15222-3197

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/19/1996 Date Received: 04/24/1996
Reporting Official's Name: JOHN J. GIRA
Title: MGR, SAFETY, ENVIR.& COMPLIAN. Phone: 4124976925
Determining Person's Name: M. WILMOT & D. WEIBL
Title: SUPERVISOR/CORROSION SPECIALIS Phone: 4124976925
Date condition Determined to Exist: 04/15/1996
Condition Location: City: LOWER BURRELL State: PA

Specific Location: LOWER BURRELL, WESTMORELAND COUNTY, PA - TP-301
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: TWO LOCALIZED CORROSION PITS AS WELL AS ANOTHER AREA

OF GENERAL CORROSION.

Discovery Circumstances: COMPANY PERSONNEL WERE PERFORMING FOLLOW-UP INVESTIGATION IN THE AREA OF A CORROSION LEAK REPAIRED IN 1993.

Significant Effects on Safety: NONE

Corrective Action Taken: TWO REPAIR CLAMPS WERE INSTALLED OVER LOCALIZED PITS

AND FURTHER INVESTIGATION IS CONTINUING TO DETERMINE THE EXTENT OF THE CORROSION.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/03/1996 Region: EASTERN

Date Sent To State: 06/03/1996 State/Agency: PA PUC

OPS Representative: MICHELLE SILVA

Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/23/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: A major construction inspection was done while the new section of pipe was being installed.

Action Taken By Operator: 320 feet of new 12" pipe installed to correct condition. New pipe section tied in on November 19, 1996.

Date Repair Completed: 11/19/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: PA PUC monitored the project.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/30/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: State inspector is monitoring progress of
planned replacement.

Action Taken By Operator: Two clamps were installed in areas where there was
localized pitting. Peoples Gas plans to replace 500
feet of this line. Replacement pipe has been
ordered and a Work Order to perform the replacement
has been approved. The replacement will involve a
road crossing.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960018 Condition Number(s): 5
Operator Name: EXXON COMPANY, USA, REFINING DEPARTMENT OPID:
Street Address: 4045 SCENIC HIGHWAY
City: BATON ROUGE State: LA ZIP: 70805

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/09/1996 Date Received: 05/16/1996
Reporting Official's Name: ROBERT A. BUCKLEY
Title: FLS DAY SUPERVISOR Phone: 5043594385
Determining Person's Name: BURIN HOLLIS
Title: FEED SECTION CONTROLLER Phone: 5043597698
Date condition Determined to Exist: 05/03/1996
Condition Location: City: BATON ROUGE State: LA

Specific Location: 4045 SCENIC HIGHWAY, BATON ROUGE, EBR PARISH, LA 70805
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: LIQUID

Description of Condition: A.O. SET UP TRANSFER OF SOLA ON #4 CRUDE TO #5 MF LINE. A.O. CALLED CONT. AND SAID THE SYSTEMS WERE SET. CONT. CALLED ATF OPER. AND REQUESTED P-8 BE STARTED. ATF OPER. AND FEED CONT. BOTH TRIED TO IMMEDIATELY SHUT DOWN P-8 FEED CONT. WAS MONITORING #4 CRUDE PRESSURE AND ATF OPER. WAS RESPONDING TO AUDIBLE ALRM. FEED A.O. CALLED CONT. ON RADIO AND ASKED HIM NOT TO START THE PUMP YET (AT TIME DOT ALARM ACTIVATED). A.O. HAD OVERLOOKED A VALVE, AS INDICATED ON ATTACHED PAGE.

Discovery Circumstances: OVERPRESSURE ALARM ACTIVATED ON CONTROL COMPUTER.

Significant Effects on Safety: INCORRECT FIELD LINE UP RESULTED IN PUMP P-8 STARTING UP AGAINST A DOWNSTREAM BLOCK VALVE RESULTING IN THE OVERPRESSURE OF THE #4 ATF CRUDE TRANSFER LINE.

Corrective Action Taken: NO REPAIRS NEEDED AS NO RELEASE OCCURED. #4 ATF CRUDE

LINE VISUALLY CHECKED AND ALL CONNECTIONS AND FLANGES

CHECKED PRIOR TO RESTART TO RESTART-UP OF LINE.

Shutdown: YES

Date Action Taken: 05/03/1996

Planned Follow-Up/Corrective Action: COUNSEL, COACH, AND DISCIPLINE EMPLOYEE
AS APPROPRIATE IN AN EFFORT TO ELIMINATE
FUTURE OCCURENCES.

To Begin: 05/04/1996 To Be Completed By: 05/04/1996

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/03/1996 Region: SOUTHWES

Date Sent To State: 06/03/1996 State/Agency: LA DNR

OPS Representative: MICHELLE SILVA

Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/10/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON MAY 21, 1996, DANA ARABIE, LDNR, INVESTIGATED THE SAFETY-RELATED CONDITION AS REPORTED BY EXXON. UPON INVESTIGATION, IT WAS DETERMINED THAT NO RELEASE OF PRODUCT OR DAMAGE RESULTED FROM THE OVERPRESSURE SITUATION ON THE #4 ATF CRUDE LINE. IT WAS VERBALLY DISCUSSED WITH THE OPERATOR THE NECESSITY TO ENSURE THIS DOES NOT HAPPEN AGAIN. SEE ATTACHED PLS-101.00 FORM.

Action Taken By Operator: EXXON PERFORMED COUNSELLING, AS WELL AS, INTERNAL

DISCIPLINARY ACTION TO THE RESPONSIBLE EMPLOYEE TO ELIMINATE THE POSSIBLITY OF ANY SIMILAR OCCURRENCES.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO REPAIR WAS NEEDED ON THE PIPELINE SYSTEM AND SERVICE TO THE LINE WAS

SOON RESTORED. NO INCIDENT RESULTED IN THIS SAFETY RELATED.

Prepared by: JOEL KOHLER/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960017 Condition Number(s): 1
Operator Name: NORTHERN NATURAL GAS CO. OPID: 13741
Street Address: P.O. BOX 1188
City: HOUSTON State: TX ZIP: 77251-1188

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/06/1996 Date Received: 05/06/1996
Reporting Official's Name: AL VANDARWORKA
Title: SENIOR O & M TECH. Phone: 4024944271
Determining Person's Name: LISA CHOQUETTE
Title: SENIOR PROJECT ENGINEER Phone: 4023987023
Date condition Determined to Exist: 05/02/1996
Condition Location: City: PLATTE COUNTY State: NE

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: GENERAL CORROSION ON BOTTOM WITH ONE LEAKING PIT ON

BARE PIPELINE. OTHER PITS IN AREA MEASURED .030" DEEP. NO ACTIVE CORROSION NOTED. LEAK FOUND DURING LEAK SURVEY.

Discovery Circumstances: DURING LEAK SURVEY.

Significant Effects on Safety: NONE

Corrective Action Taken: FULL WRAP SLEEVE INSTALLED FROM 18" OF 8" 250 GRADE B

PIPE PRETESTED TO A MINIMUM OF 1913 PSIG. COATED WITH MASTIC COATING AND BARRIED ON 5/2/96

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/03/1996 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/18/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Lisa Choquette, with Northern Natural Gas Company, concerning this Safety Related Condition Report. She indicated that the reason for filing this report was: general corrosion within 220 yards of an outdoor place of assembly.

Action Taken By Operator: The area of general corrosion was repaired by placing a full wrap sleeve over the corroded area and coating the sleeve and exposed pipe with mastic coating. The Safety Related Condition was determined to exist on 5/2/1996 and the repairs were completed that same day.

Date Repair Completed: 05/02/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This Safety Related Condition Report should be closed. All required actions have been completed and the Safety Related Condition resolved.

Prepared by: Donald E. Moore

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960019 Condition Number(s): 9
Operator Name: KIATONE PIPELINE COMPANY OPID:
Street Address: P.O. BOX 780
City: WARREN State: PA ZIP: 16365

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/14/1996 Date Received: 05/14/1996
Reporting Official's Name: LARREN R. DOSSER
Title: PIPELINE MANAGER Phone: 7166752767
Determining Person's Name: RAY E. LOWE
Title: TERMINAL/PIPELINE GEN. MGR. Phone: 8147264718
Date condition Determined to Exist: 05/09/1996
Condition Location: City: GOWANDA State: NY

Specific Location: 31 MILES SOUTH OF WEST SENECA, NY TERMINAL SOUTH SIDE
CATTARAUGUS CREEK

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: EXPOSED PIPE IN RIVR

Product in Pipeline: CRUDE OIL

Description of Condition: FOUND EXPOSED PIPE (ABOUT 70') ALONG SOUTH SIDE OF
CREEK BED. THERE IS VISIBLE COATING DAMAGE.

Discovery Circumstances: CHECKING RIGHT-OF-WAY.

Significant Effects on Safety: NONE.

Corrective Action Taken: HAVE TAKEN STEPS TO HIRE ENGINEERING FIRM TO GIVE
RECOMMENDATIONS.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: HAVE TAKEN STEPS TO HIRE ENGINEERING
FIRM

TO GIVE RECOMMENDATIONS.

To Begin: 05/13/1996 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 05/14/1996 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/19/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Site visit to evaluate condition of pipe and monitor remedial work.

Action Taken By Operator: Primed and recoated 125 feet of 10-inch pipe which had been exposed in Cattaraugus Creek by high waters. Rockshield was applied to the pipe; pipe was returned to its original cover (5-6') and water in creek was permanently diverted into another channel to prevent a recurrence. Operator is also contemplating additional measures such as the placement of large boulders to ensure that the creek will remain in its channel.

Date Repair Completed: 05/21/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY PSC is interstate hazardous liquid agent.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960020 Condition Number(s): 2
Operator Name: NORTH PENN GAS COMPANY OPID:
Street Address: 76-80 MILL STREET, P.O. BOX 189
City: PORT ALLEGANY State: PA ZIP: 16743

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/13/1996 Date Received: 05/21/1996
Reporting Official's Name: JAMES N. SEWELL
Title: MANAGER OF OPERATIONS Phone: 8146422611
Determining Person's Name: ROBERT BAXTER
Title: FOREMAN Phone: 7177243912
Date condition Determined to Exist: 05/13/1996
Condition Location: City: KNOXVILLE State: PA

Specific Location: ALONG SOUTH SIDE OF ROUTE 49 APROXIMATELY 3.4 MILES EAST

OF KNOXVILLE.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)
8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: FLOODING CAUSED EROSION OF THE COWANESQUE RIVER, EXPOSING APPROX. 500' OF 10" T.L. #1. THE EROSION UNDERMINED THE PIPELINE AND ALLOWED IT TO FLOAT/MOVE IN THE RUSHING CURRENT.

Discovery Circumstances: THIS AREA IS PRONE TO FLOODING AND IS REGULARLY CHECKED BY THE OPERATOR.

Significant Effects on Safety: POTENTIAL FOR LINE FAILURE DUE TO A LACK OF PROPER SUPPORT CAUSED BY STREAM EROSION.

Corrective Action Taken: THE SECTION OF LINE AFFECTED WAS ISOLATED AND REDUCED

IN PRESSURE.

Reduced Pressure From (PSI): 200 to (PSI): 25

Shutdown: NO

Date Action Taken: 05/13/1996

Planned Follow-Up/Corrective Action: 3 OPTIONS. RELOCATE STREAM BACK TO ORIGINAL CHANNEL, RESTORE COVER AND PROTECT IN PLACE, RELOCATE LINE.

To Begin: 05/13/1996 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/04/1996 Region: EASTERN
Date Sent To State: 06/04/1996 State/Agency: PAPUC
OPS Representative: MICHELLE SILVA
Date: 06/03/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/29/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Inspected relocation of pipeline.

Action Taken By Operator: Relocated approximately 2500 feet of pipeline.
Pressure tested and returned to service. The
relocation will replace 500 feet exposed as a result
of flooding.

Date Repair Completed: 06/25/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Inspection performed by PA PUC. request to close out.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960021 Condition Number(s): 3
Operator Name: SUN PIPE LINE COMPANY OPID:
Street Address: TEN PENN CENTER 1801 MARKET STREET
City: PHILADELPHIA State: PA ZIP: 19103-1699

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/13/1996 Date Received: 05/15/1996
Reporting Official's Name: BRYAN P. MELAN
Title: SR. PIPELINE ENGINEER Phone: 2159773397
Determining Person's Name: BRYAN P. MELAN
Title: SR. PIPELINE ENGINEER Phone: 2159773397
Date condition Determined to Exist: 05/10/1996
Condition Location: City: CHILI State: NY

Specific Location: 8" ROCHESTER SPUR PIPELINE NEAR THE TOWN OF CHILI,
MONROE COUNTY, NY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

3. Crack or material defect in LNG facility (LNG)

Product in Pipeline: PETROLEUM PRODUCTS

Description of Condition: PRELIMINARY INFORMATION FROM AN IN-LINE
INSPECTION

REPORTED A DEFECT WHICH COULD DERATE THE MOP OF THE
PIPELINE SPUR.

Discovery Circumstances: ALTHOUGH THE METAL LOSS INFORMATION IS
PRELIMINARY

DATA FROM AN AUTOMATIC COMPUTERIZED ASSESSMENT
WITHOUT THE BENEFIT OF HUMAN ANALYST
INTERPRETATION, THE DEFECT WILL IMPACT THE MOP OF
THE PIPELINE SPUR IF THE PRELIMINARY INFORMATION
IS FOUND TO BE ACCURATE. BASED ON PAST PERFORMANCE
AND EXPERIENCE, SUCH PRELIMINARY INFORMATION IS
MORE OFTEN THAN NOT FOUND TO BE FAIRLY ACCURATE.

Significant Effects on Safety: NONE

Corrective Action Taken: ASSUMING 100% ACCURACY OF THE PRELIMINARY
INFORMATION

PROVIDED, THE MOP OF THE PIPELINE HAS BEEN REDUCED
FROM 1300 PSI TO 777 PSI (40% REDUCTION). THERE IS AT
PRESENT NOT ENOUGH INFORMATION TO PINPOINT THE EXACT
LOCATION OF THE DEFECT. THE REDUCTION IN MOP WILL
REMAIN IN EFFECT UNTIL THERE IS ADDITIONAL
INFORMATION AVAILABLE TO LOCATE AND MANUALLY INSPECT
THE PIPELINE LOCATION OR IF THE DEFECT SEVERITY

INFORMATION IS UPDATED.

Reduced Pressure From (PSI): 1300 to (PSI): 777

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 05/13/1996 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/04/1996 Region: EASTERN

Date Sent To State: 06/04/1996 State/Agency: NYPSC

OPS Representative: MICHELLE SILVA

Date: 06/04/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/29/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY DPS reviewed data, field evaluation and verified location of feature.

Action Taken By Operator: The operator located, excavated and evaluated the feature at Mile Post #521+13 as indicated by British Gas's automatic computerized assessment of its internal inspection. The location was verified to be between two pipeline signatures made by two separate full encirclement sleeves and is just downstream of firth weld 12950, which was found upon excavation. The feature proved to be a void existing beneath a reinforcement puddle weld made during previous repairs. Their evaluation determined the feature is a void under a puddle weld in a previously reinforced corrosion pit and the feature is not detrimental to the serviceability of the line.

Date Repair Completed: 05/28/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: The field evaluation was performed by NY DPS as interstate agents.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960022 Condition Number(s): 6
Operator Name: EAST OHIO GAS COMPANY OPID: 4060
Street Address: 1201 EAST 55TH STREET
City: CLEVELAND State: OH ZIP: 44103

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/17/1996 Date Received: 05/17/1996

Reporting Official's Name: ROBERT J. BRADACH

Title: ENGR, STAFF ENGINEERING

Phone: 2167366872

Determining Person's Name: ROBERT GERBER

Title: CONSTRUC & MAINTENANCE SUPERV.

Phone: 3304783194

Date condition Determined to Exist: 05/14/1996

Condition Location: City: STARK COUNTY

State: OH

Specific Location: TPL 16, 1853 FEET NORTHEAST OF GATE NUMBER 4428 AT
MCDOWELL STATION AND APPROX 918 FEET SOUTH EASTON STREET
IN STARK COUNTY, OHIO

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: EOG PERSONNEL CONDUCTING LEAK DETECTION ON TPL
16 ON

MAY 10 1996, DISCOVERED THE INDICATION OF A LEAK ON
THIS 16 INCH LINE. IT WAS DETERMINED THAT THERE WAS
NO IMMEDIATE DANGER TO PUBLIC SAFETY, AND
ARRANGEMENTS WERE MADE TO EXCAVATE THE LEAK ON MAY
14, 1996.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: ON MAY 14, 1996 THE LEAK WAS EXCAVATED AND ONE 16
INCH BY 3 INCH 77 BAND CLAMP WAS INSTALLED TO MAKE
THE REPAIR. PRESSURE IN THE LINE WAS NOT REDUCED IN
ORDER TO COMPLETE THE REPAIRS. THE REPAIR WAS SOAP
TESTED AND THE AREA WAS CHECKED WITH A GASSCOPE. NO
INDICATION OF FURTHER LEAKAGE WAS FOUND. AFTER THIRTY
DAYS LEAK DETECTION WILL RECHECK THE AREA.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WILL RECHECK AFTER 30 DAYS.

To Begin: 05/10/1996 To Be Completed By: 05/14/1996

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/04/1996 Region: CENTRAL
Date Sent To State: 06/04/1996 State/Agency: OH PUC
OPS Representative: MICHELLE SILVA
Date: 06/04/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/10/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CENTRAL REGION RECEIVED SRCR ON 6/10/96 AND IMMEDIATELY CONTACTED STATE OF OHIO. STATE MADE A REVIEW OF THE OPERATORS RECORDS AND PROCEDURES RELEVANT TO THE SAFETY RELATED CONDITION ON TPL#16 WAS COMPLETED. (REC. 6/28/96)

Action Taken By Operator: ON MAY 10, 1996 EOG PERSONNEL CONDUCTING LEAK INSPECTION ON TPL16, DISCOVERED A LEAK INDICATION ON THIS 16" LINE. IT WAS DETERMINED THAT THERE WAS NO IMMEDIATE DANGER TO PUBLIC SAFETY. ON MAY 14, 1996 THE LEAK WAS EXCAVATED AND ON 16"BY 3", 77 BAND CLAMP WAS INSTALLED TO MAKE THE REPAIR. PRESSURE IN LINE WAS NOT REDUCED TO MAKE REPAIRS. THE REPAIR WAS SOAP TESTED AND CHECKED WITH AN INSTRUMENT. NO LEAKS FOUND. AFTER 30 DAYS THE AREA WILL BE LEAK SURVEYED AGAIN.

Date Repair Completed: 05/14/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: JAMES REYNOLDS, WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960023 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORPORATION OPID:
Street Address: 445 WEST MAIN STREET P.O. BOX 2450
City: CLARKSBURG State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/22/1996 Date Received: 05/22/1996
Reporting Official's Name: JACK L. ADAMS
Title: MGR., PIPELINE SAFETY Phone: 3046238410
Determining Person's Name: JOHN ALTMAN
Title: Phone: 3046238096
Date condition Determined to Exist: 05/15/1996
Condition Location: City: BRIDGEPORT State: WV

Specific Location: NEAR OPEDSKIRP, NEAR BRIDGEPORT, HARRISON COUNTY, WV
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: REPORT OF ODOR BY OUTSIDE PARTY WAS INVESTIGATED ON

5/15/96 WITH THE DISCOVERY OF A LEAK.

Discovery Circumstances: REPORT OF ODOR BY OUTSIDE PARTY.

Significant Effects on Safety: NONE

Corrective Action Taken: INSTALLED 12" BAND CLAMP AS PERMANENT REPAIR.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 05/15/1996 To Be Completed By: 05/15/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/04/1996 Region: EASTERN
Date Sent To State: 06/04/1996 State/Agency: WVPSC
OPS Representative: MICHELLE SILVA
Date: 06/04/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/19/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Close out SRCR.

Action Taken By Operator: A 12 inch band clamp was installed as a permanent repair.

Date Repair Completed: 05/15/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Done by WV-interstate agent.

Prepared by: D. Nicholson-Meade

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960024 Condition Number(s): 2
Operator Name: TORCH OPERATING COMPANY OPID:
Street Address: 1221 LAMAR, SUITE 1600
City: HOUSTON State: TX ZIP: 77010-3039

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 06/03/1996 Date Received: 06/03/1996
Reporting Official's Name: PRICE YOUNG
Title: SAFETY COORDINATOR Phone: 7137561605
Determining Person's Name: PRICE YOUNG
Title: SAFETY COORDINATOR Phone: 7137561605
Date condition Determined to Exist: 05/25/1996
Condition Location: City: WEST DELTA State:

Specific Location: LAT: 28 DEGREES - 35" - 20" LONG: 89 DEGREES - 41' -00"
Occurred on Outer Continental Shelf: YES

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: LIQUID CRUDE OIL

Description of Condition: TUG BOAR (MISS YUVETTE) PULLING BARGE TOO CLOSE TO

WEST DELTA 12 A PRODUCTION PLATFORM. BARGE STRUCK BUMPTER AROUND SEGMENT 9032 J-TUBE RISER. BUMPER AND RISER DAMAGED. DIVERS FOUND A SMALL DENT IN RISER AT -19 FOOT LEVEL. CONTACT BY THE BARGE CAUSED ESD'S TO SHUT IN LINE. NO RELEASE OF PRODUCT IN ANY WAY OCCURRED. PIPELINE REMAINS SHUT IN, REPAIR ESTIMATES PENDING. MMS NOTIFIED AND WILL APPROVE REPAIR PLAN.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: LINE SHUT IN.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: REPAIR ESTIMATES PENDING. REPAIR PLAN WILL BE APPROVED BY MMS.

To Begin: 05/25/1996 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/04/1996 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA

Date: 06/04/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/17/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called Torch Operating to confirm situation surrounding report. Mr. Price Young stated tugboat radio was no manned during period just prior to collision. Pipeline taken out of service and examined. Found one small dent that will be replaced before pipeline put back in service.

Action Taken By Operator: Automatic shut down devices activated at time of collision. Shut in pipeline was then inspected by Divers and one small dent noted at 19 feet below the surface. Pipe in area of dent to be replaced before pipeline is put back in service. Pipeline in process of ownership change. New owners aware of dent.

Date Repair Completed: 06/03/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Telephonic report erroneously filed as did not meet the reporting criteria. No liquid was released.

Prepared by: Larry Atwell

Reviewed by: James C. Thomas
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960025 Condition Number(s): 1
Operator Name: DIXIE PIPELINE COMPANY OPID:
Street Address: 1117 PERIMETER CENTER WEST, SUITE W-301
City: ATLANTA State: GA ZIP: 30338

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/05/1996 Date Received: 06/05/1996
Reporting Official's Name: D.S. MULLER
Title: ENGINEERING SUPERVISOR Phone: 7703962994
Determining Person's Name: E.J. MOORE
Title: MAINTENANCE SUPERVISOR Phone: 8033959175
Date condition Determined to Exist: 06/04/1996
Condition Location: City: GREENE COUNTY State: GA

Specific Location: 40 WEST OF CENTERLINE OF GA. STATE ROAD 925
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: PROPANE

Description of Condition: GENERAL CORROSION WITH SCATTERED PITS. MAXIMUM W.T.

REDUCTION 0.060". AREA EXTENDS 4' ALONG THE PIPE
AXIS FROM 6 O'CLOCK TO 7 O'CLOCK.

Discovery Circumstances: RESULT OF INTERNAL INSPECTION TOOL EXCAVATION.

Significant Effects on Safety: NONE

Corrective Action Taken: INSTALLED 5 PIECES CLOCK SPRING REINFORCEMENT ON
6/4/96.

Shutdown: NO

Date Action Taken: 06/04/1996

Planned Follow-Up/Corrective Action: N/A

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 06/27/1996 Region: SOUTHERN

Date Sent To State: 06/27/1996 State/Agency: GAPSC

OPS Representative: MICHELLE M. SILVA

Date: 06/27/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/24/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Spoke with John Shepherd in maintenance who stated that as a result of an internal inspection tool (smart pig) excavation, general corrosion with scattered pits was discovered. Pipe specifications: 8.625 dia., .188 w.t., X-52 grade, ERW pipe. The wall thickness had reduced to .60 inches. The area of corrosion extended 4 feet along the pipe axis from 6 o'clock to 7 o'clock.

Action Taken By Operator: The corroded area was repaired with 5 pieces of clock spring reinforcement on June 4, 1996. This was confirmed by John Moore, Maintenance Supervisor, who stated that the operator had received a wavier to use the clock spring technique as a permanent repair. Mr. Moore also stated that the clock spring has worked just as good or better than the full encirclement sleeve and they did not have to use as many welders.

Date Repair Completed: 06/04/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960026 Condition Number(s): 2
Operator Name: MONTANA POWER COMPANY OPID:
Street Address: 40 EAST BROADWAY
City: BUTTE State: MT ZIP: 59701

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/11/1996 Date Received: 06/11/1996
Reporting Official's Name: JAY WATERMAN
Title: DIRECTOR, GAS ENGINEERING Phone: 4067235421
Determining Person's Name: JAY WATERMAN
Title: DIRECTOR, GAS ENGINEERING Phone: 4067235421
Date condition Determined to Exist: 06/05/1996
Condition Location: City: VICTOR State: MT

Specific Location: RAVALLI COUNTY, SECTION 30 T8N, R20W, VICTOR NATURAL GAS

TAPLINE, MILEPOST 3.4, SURVEY STATION 175+84

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: 2" STEEL VICTOR TAPLINE SERVING THE TOWN OF VICTOR, MONTANA WITH NATURAL GAS WASHED OUT DURING THE SPRING RUNOFF. THE LINE IS EXPOSED ON THE WEST BANK OF THE BITTERROOT RIVER. THE CONDITION WAS DISCOVERED DURING A COMPANY PIPELINE PATROL. AS OF JUNE 11, 1996 THE TAPLINE IS IN SERVICE.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: INFORMED LOCAL EMERGENCY PERSONNEL OF CONDITION,

INSTALLED WARNING TAPE AND WARNING SIGNS TO HELP INSURE PUBLIC SAFETY; STABILIZED PIPELINE; REDUCED PRESSURE ON THE VICTOR TAPLINE FROM 400 PSIG TO 175 PSIG; INSTALLED SCADA TO CONTINUOUSLY MONITOR PRESSURE AT VICTOR CITY GATE; INSTALLED CNG TRAILER TO BACKUP GAS SUPPLY FOR TOWN OF VICTOR; MONITOR RIVER CROSSING DAILY FOR CHANGES.

Reduced Pressure From (PSI): 400 to (PSI): 175

Shutdown: NO

Date Action Taken: 06/05/1996

Planned Follow-Up/Corrective Action: WHEN THE RIVER SUBSIDES AND CONDITIONS
ALLOW, MPC WILL INSPECT THE LINE AND TAKE
APPROPRIATE ACTION TO REPAIR, STABILIZE
OR REPLACE THE CROSSING.

To Begin: 06/05/1996 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/27/1996 Region: WESTERN
Date Sent To State: 06/27/1996 State/Agency: MTPSC
OPS Representative: MICHELLE SILVA
Date: 06/27/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/11/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED AND LOGGED SRCR. FAXED TO MTPSC AND CONTACTED THEM BY PHONE. STATE CONTACTED OPERATOR AND CONFIRMED SRCR INFORMATION. STATE WILL CONTINUE TO MONITOR SRCR AND UPDATE REGION WHEN CONDITIONS WARRANT. SENT FOLLOW-UP FORM/ZB 10/2/96 RECEIVED LETTER FROM MONTANA POWER RELATING THAT RIVER CROSSING HAD BEEN REPLACED. THE STATE OF MONTANA CONFIRMED THE RIVER CROSSING WAS COMPLETED.

Action Taken By Operator: OPERATOR IS MONITORING SITUATION. RIVER IS STILL RUNNING HIGH. THEY EXPECT IT WILL BE ANOTHER MONTH BEFORE PL CAN BE REROUTED./PJK PER REPORT FROM MT-PUC

Date Repair Completed: 09/28/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMMEND CLOSE SAFETY RELATED CONDITION REPORT 10/02/96/ZB

Prepared by: BARRETT

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960027 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORPORATION OPID:
Street Address: P.O. BOX 1273/1700 MACCORKLE AVE SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/19/1996 Date Received: 07/25/1996
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER CODES & STANDARDS Phone: 3043572349
Determining Person's Name: ROBERT BEITEL
Title: OPERATIONS SUPERVISOR Phone: 6108672288
Date condition Determined to Exist: 07/15/1996
Condition Location: City: SPRINGFIELD TWP. State: PA

Specific Location: SOUTH OF HELLERTOWN, SPRINGFIELD, PA (BUCKS COUNTY)
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A LEAK, DUE TO CORROSION PITTING WAS DISCOVERED. LOCALIZED PITTING ADJACENT TO LEAK WAS EVALUATED BY RSTRENG METHOD. RSTRENG ANALYSIS DEMONSTRATED THAT PIPE INTEGRITY IS SERVICEABLE FOR OPERATION AT EXISTING MAOP.ING

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: INSTALLED ANODES AND A BOLT-ON LEAK CLAMP. CONDUCTED

A FOLLOW-UP INSTRUMENT LEAK SURVEY OVER THE ENTIRE SECTION OF UNCOATED PIPELINE. NO OTHER LEAKS WERE DISCOVERED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LEAK CLAMP WILL BE REPLACED BY PIPE REPLACEMENT PART OF PREVIOUSLY SCHEDULED LINE 1278 REPLACEMENT PROJECT.

To Begin: 07/15/1996 To Be Completed By: 07/15/1997
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/26/1996 Region: EASTERN
Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA
Date: 08/01/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/11/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR REPLACED 257 FOOT SECTION OF PIPE AS PART

OF LARGER 1278 REMEDIATION PROJECT. NEW STATION
NUMBER 275+07, DIG # 39A

Date Repair Completed: 06/15/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WORK PART OF LARGER 1278 REMEDIATION PROJECT AS ENDORSED BY
OPS EASTERN

Prepared by: B E COY

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/09/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ER MONITORING ILI TARGETED CONSTRUCTION PROJECT

Action Taken By Operator: APPLYING ILI TOOL TO IDENTIFY METAL LOSS LOCATIONS,

PROJECT SHOULD COMPLUDE IN NOV-97

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/17/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: REMEDIATION EFFORTS IN PREPARATION FOR ILI ARE COMPLETE, ILI WILL RUN IN SPRING. WHEN THE RESULTS OF THE ILI TOOL ARE KNOWN, THIS LOCATION WILL BE A PART OF THE RESTORATION AND REPAIR PLANS.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/30/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PERIODIC CONSTRUCTION REVIEW BY OPS EASTERN /
NJDO

Action Taken By Operator: CONTINUING CONSTRUCTION ON LINE 1278, SPECIFIC
WORK

AT THIS LOCATION WILL BE ADDRESSED WHEN CONSTRUCTION
WORK OCCURS IN THIS AREA

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960028 Condition Number(s): 4
Operator Name: WISCONSIN GAS CO. OPID: 22763
Street Address: 626 E. WISCONSIN AVE.
City: MILWAUKEE State: WI ZIP: 53202

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/24/1996 Date Received: 07/29/1996
Reporting Official's Name: GREGORY B. SCHROEDER, P.E.
Title: PLANNING ENGINEER Phone: 4142916729
Determining Person's Name: BOB STEWART
Title: LEAD MAN Phone: 6083292325
Date condition Determined to Exist: 07/19/1996
Condition Location: City: CADIZ State: WI

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ELEVEN INCHES (11") OF RAIN WERE REPORTED IN GREEN COUNTY IN THE STORM WHICH CAUSED FLOODING OF SKINNER CREEK. THE BANKS FO THE CREEK WERE WASHED OUT EXPOSING A 3" DIAMETER DISTRIBUTION GAS MAIN CROSSING UNDER THE CREEK. THE PIPE FLOATED ON THE FLOOD WATERS AND WAS FOUND BY MR. STEWART.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: WEIGHTS HAVE BEEN ATTACHED TO THE PIPE SINKING IT TO

THE CREEK BED WHILE THE FLOOD WATERS SUBSIDE. A PERMANENT REPAIR WILL BE MADE AS SOON AS PRACTICABLE.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PERMANENT REPAIR WILL BE MADE AS SOON AS

PRACTICABLE.

To Begin: 07/24/1996 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 07/30/1996 Region: CENTRAL
Date Sent To State: 08/01/1996 State/Agency: WI PSC

OPS Representative: MICHELLE SILVA
Date: 08/01/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/22/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE REVIEWED ACTION TAKEN BY OPERATOR

Action Taken By Operator: ON AUGUST 2, 1996 A 3" PLASTICE PIPELINE WAS BORED
UNDER THE RIVER. TIES-IN MADE AND THE LINE WAS PUT
IN SERVICE. NO OTHER ACTION TAKEN BY OPERATOR.

Date Repair Completed: 08/22/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960029 Condition Number(s): 9
Operator Name: LL&E PETROLEUM MARKETING INC. OPID:
Street Address: 400 INDUSTRIAL PARKWAY (HIGHWAY 158 EAST)
City: SARALAND State: AL ZIP: 36571

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 06/27/1996 Date Received: 07/02/1996
Reporting Official's Name: PORTER LEFTWICH
Title: REGULATORY COMPLIANCE MANAGER Phone: 3346757040
Determining Person's Name: J. MARLO FOSTER
Title: REFINERY MANAGER Phone: 3346757040
Date condition Determined to Exist:
Condition Location: City: CHICKASAW State: AL

Specific Location: EAST SIDE OF THE RAILROAD TRACKS, APPROXIMATELY 1000
FEET SOUTH OF THE VIADUCT ROAD AND THE TERMINAL RAILROAD
INTERSECTION.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: DAMAGE OPER. 20% SMYS

Product in Pipeline: PETROLEUM PRODUCTS

Description of Condition: APPROXIMATELY A TWO (2) INCH DEFORMATION IN A TEN
(10) INCH PIPE.

Discovery Circumstances: WHILE OUT-OF-SERVICE, A TD WILLIAMSON CALIPER
INSPECTION TOOL INDICATED POSSIBLE DEFORMATION,
WHICH WAS LATER CONFIRMED BY DIVERS.

Significant Effects on Safety: NONE

Corrective Action Taken: SCHEDULED REPAIRS FOR WEEK OF JULY 1, 1996

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACE APPROXIMATELY FIVE (5) FEET
SECTION OF PIPE.

To Begin: 07/01/1996 To Be Completed By: 07/09/1996

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 07/08/1996 Region: SOUTHERN

Date Sent To State: 07/08/1996 State/Agency: ALPSC

OPS Representative: MICHELLE SILVA

Date: 08/02/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/26/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Spoke with Porter Leftwich, Regulatory Compliance Manager, who stated that the 10 inch pipeline was taken out of service to run a TD Williamson Caliper Inspection Tool (Smart Pig). The caliper pig indicated possible deformation which was later confirmed by divers to be approximately a two (2) inch deformation.

Action Taken By Operator: The 10 inch pipe travels into a canal that runs into the Alabama River. Mr. Leftwich stated that the 10 inch pipe is not in navigable waterways. Approximately 5 feet of pipe by July 9, 1996.

Date Repair Completed: 07/09/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960030 Condition Number(s): 1
Operator Name: OILTANKING HOUSTON, INC. OPID:
Street Address: 15602 JACINTO PORT BLVD.
City: HOUSTON State: TX ZIP: 77015

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/18/1996 Date Received: 07/18/1996
Reporting Official's Name: GIL CHARTIER
Title: AUTHORIZED REPRESENTATIVE Phone: 7134577900
Determining Person's Name: CHUCK THOMPSON
Title: PIPELINE DEPARTMENT Phone: 7134577900
Date condition Determined to Exist: 07/11/1996
Condition Location: City: HOUSTON State: TX

Specific Location: 1251 FEDERAL ROAD, HOUSTON, HARRIS COUNTY, TX
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: INTERNAL CORROSION OF PIPELINE, DETECTION OF MINOR CRUDE OIL LEAK FROM CASING WHILE ON ROUTINE INSPECTION OF PIPELINE RIGHT-OF-WAY. NO SIGNIFICANT AFFECTS ON SAFETY DUE TO CONDITION. AFFECTED SOIL WAS DUG OUT AND ANALYZED. ANALYSIS OF SOIL INDICATED LESS THAN 100 PPM TPH.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: CONDITION OCCURRED ON A UNUSED CRUDE OIL PIPELINE.

CONTENTS IN PIPELINE WAS EVACUATED BY VACUUM TRUCK. VALVE WAS CLOSED, PIPELINE WAS CUT AT THE VALVE. PIPELINE WAS PARTIALLY REMOVED WITH THE REMAINDER OF THE PIPE FILLED WITH CONCRETE AND CASING ALSO FILLED WITH CONCRETE.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 07/19/1996 Region: SOUTHWES

Date Sent To State: 08/02/1996 State/Agency: TXRRC
OPS Representative: MICHELLE SILVA
Date: 08/02/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/06/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED GIL CHARTIER OF OILTANKING AND RECEIVED

DETAILS OF CORRECTIVE ACTION.

Action Taken By Operator: CONTAMINATED SPILL WAS REMOVED AND DISPOSED. THE

PIPELINE WAS EVACUATED BY VACUUM TRUCK AND PARTIALLY REMOVED. THE REMAINING PIPE WAS FILLED WITH CONCRETE.

Date Repair Completed: 07/17/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WILL BURKS, JR

Reviewed by: J.C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960031 Condition Number(s): 2
Operator Name: UTILITY CONSULTANTS INC. OPID:
Street Address: 110 EAST FOURTH STREET, P.O. BOX 304
City: HERMANN State: MO ZIP: 65041

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/22/1996 Date Received: 07/22/1996
Reporting Official's Name: WAVE BISHOP
Title: DISTRICT MANAGER Phone: 5734862914
Determining Person's Name: WAVE BISHOP
Title: DISTRICT MANAGER Phone: 5734862914
Date condition Determined to Exist: 07/18/1996
Condition Location: City: MCKITTRICK State: MO

Specific Location: 30' WEST OF HIGHWAY 19 AND 100' SOUTH OF THE ENTRANCE
TO

MCKITTRICK OFF OF HIGHWAY 19.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: 6" NATURAL GAS DISTRIBUTION LATERAL AT 235-250 PSI
RUPTURED DUE TO THE EARTH MOVEMENT BETWEEN MISSOURI
HIGHWAY 19 AND THE LOUTRE RIVER.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE PIPELINE WAS SHUT DOWN AT THE VAVLE LOCATED
APPROXIMATELY 100' NORTH OF THE BREAK. BY SHUTTING
THIS SECTION OF THE GAS LINE DOWN, WE HAVE LOST
SERVICE TO ABOUT 1500 CUSTOMERS. AT THE PRESENT TIME,
WE ARE RELIGHTING CUSTOMER'S PILOTS. WE HOPE TO HAVE
ALL CUSTOMERS BACK ON BY 7/23/1996.C

Shutdown: YES

Date Action Taken: 07/18/1996

Planned Follow-Up/Corrective Action: NONE

To Begin: 07/18/1996 To Be Completed By: 07/23/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/06/1996 Region: CENTRAL
Date Sent To State: 08/08/1996 State/Agency: MOPSC
OPS Representative: MICHELLE SILVA

Date: 08/08/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/31/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MO PSC ON SITE TO MONITOR REPAIR. BREAK OCCURRED

AT A WELD FITTING. UCI PLANNED TO EXPOSE 200 YDS OF P/L OUT OF THE SLIDE AREA TO RELIEVE THE STRESS & ALLOW FOR MOVEMENT W/O ADDITIONAL DAMAGE. PLAN TO WELD IN NEW SECTION.

Action Taken By Operator: WHEN WELD COULD NOT BE MADE DUE TO MISALIGNMENT, UCI

USED HIGH DENSITY PE PIPE FOR TEMP. REPAIR & BEGAN RELIGHTS. UCI DECIDED TO RELOCATE A NEW FEEDER LINE BETWEEN MCKITTRICK & HERMAN WEST OF HWY 19 BY-PASSING THE AREA OF INSTABILITY. TIE-IN WAS COMPLETED ON 9/5/96.

Date Repair Completed: 09/05/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR IS JURISDICTIONAL TO MO PSC. PSC CITED OPERATOR FOR NOT REPORTING INCIDENT. COURT RULED AGAINST PSC SINCE INJURED PERSON WAS

TREATED AND RELEASED AND NOT HELD OVERNIGHT, SO INCIDENT WAS NOT

REPORTABLE. RECOMMEND SRCR BE CLOSED.

Prepared by: STEWART RICKEY

Reviewed by: IVAN A HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960032 Condition Number(s): 2
Operator Name: ARCO PIPE LINE COMPANY OPID:
Street Address: 5900 CHERRY AVENUE
City: LONGBEACH State: CA ZIP: 90805

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 08/06/1996 Date Received: 08/06/1996
Reporting Official's Name: LAURA J. GISSEN
Title: REGULATORY COMPLIANCE ADVISOR Phone: 3104289269
Determining Person's Name: DAN T. HISEY
Title: WEST COAST OPERATIONS MGR. Phone: 3104289460
Date condition Determined to Exist: 08/02/1996
Condition Location: City: LOS ANGELES COUNTY State: CA

Specific Location: A PART OF THE RANCHO SAN PEDRO ALLOTTED TO MANUEL DOMINGUEZ, LOS ANGELES COUNTY, CA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: LIGHT PRODUCTS

Description of Condition: A MOBIL OIL EMPLOYEE MADE A TELEPHONE REPORT TO OUR

OPERATIONS CONTROL CENTER. HE REPORTED THAT THE PIPELINES ON THE TRESTLE WERE SAGGING. ONE OF THREE TRESTLE SUPPORT BENTS HAD SUNK APPROXIMATELY ONE FOOT.

Discovery Circumstances:

Significant Effects on Safety: ONE OF THREE TRESTLE BENTS FAILED, CUASING THE PIPELINES TO SAG APPROXIMATELY ONE FOOT OVER A SPAN OF APPROXIMATELY 40 FEET.

Corrective Action Taken: PIPELINES WERE IMMEDIATELY SHUTDOWN AND BLOCKED IN ON

BOTH SIDES OF THE CHANNEL. THE PIPELINES REMAINED OUT OF SERVICE UNTIL THE SAFETY RELATED CONDITION WAS ELIMINATED. THE LINES ARE PRESENTLY BEING SUPPORTED BY TWO TRUCK CRANES, ONE ON EACH SIDE OF THE CHANNEL.

Shutdown: YES

Date Action Taken: 08/02/1996

Planned Follow-Up/Corrective Action: REPLACE ALL THREE TRESTLE SUPPORT BENTS. WORK IS EXPECTED TO BE COMPLETED BY AUGUST 12, 1996. A CONTRACT TO REPLACE

THE TRESTLE BENTS HAD ALREADY BEEN
AWARDED AND WAS AWAITING PERMITS FROM
L.A. COUNTY FLOOD CONTROL TO START THE
WORK.

To Begin: 08/02/1996 To Be Completed By: 08/12/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/08/1996 Region: WESTERN
Date Sent To State: 08/08/1996 State/Agency: CASFM
OPS Representative: MICHELLE SILVA
Date: 08/08/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes: REPAIRS COMPLETED RECOMMEND TO CLOSE SRCR PER CSFM.

 Prepared by: HADDOW

 Reviewed by: ROBERTSON

 Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/09/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: RECEIVED SRCR VIA FAX ON 9 AUG 96. LOGGED & FAXED TO CSFM. WILL FOLLOW-UP EARLY SEPT.

Action Taken By Operator: A MOBILE EMPLOYEE MADE A TELEPHONE CALL TO ARCO'S

OPERATIONS CONTROL CENTER. HE REPORTED THAT THE PL'S ON THE TRESTLE WERE SAGGING. ONE OF THE THREE SUPPORTS HAD SUNK ONE FOOT CAUSING THE PL TO SAG ONE FOOT IN ABOUT 40'. PL'S WERE IMMEDIATELY SHUT DOWN AND BLOCKED IN ON BOTH SIDES OF THE CHANNEL. TWO CRANES WERE BROUGHT IN TO SUPPORT THE PL'S WHILE REPAIRS ARE MADE TO THE SUPPORTS.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR REPORTED THAT SUPPORTS SHOULD BE REPAIRED BY 12 AUG 96. WILL

CONTACT CSFM TO CONFIRM.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960033 Condition Number(s): 2
Operator Name: MOBIL OIL CORPORATION, SUPPLY & LOGISTICS OPID:
Street Address: 3700 WEST 190TH STREET
City: TORRENCE State: CA ZIP: 90509

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/07/1996 Date Received: 08/07/1996
Reporting Official's Name: TIM W. SALLES
Title: MANAGER OF FIELD LOGISITICS Phone: 3102121778
Determining Person's Name: TIME W. SALLES
Title: MANAGER OF FIELD LOGISITICS Phone: 3102121778
Date condition Determined to Exist: 08/02/1996
Condition Location: City: LOS ANGELES COUNTY State: CA

Specific Location: MOBIL OIL CORP. M-122 THUMS CRUDE PIPELINE; DOMINGUEZ
CHANNEL CROSSING, LOS ANGELES COUNTY, CA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: MOBIL'S M-122 THUMS CRUDE PIPELINE (8.625" X .322" WALL GRADE B ERW) CROSSES THE DOMINGUEZ CHANNEL VIA AN EXISTING PIPELINE TRESTLE. THE CROSSING (209 FEET) CONSISTS OF A STEEL TRESTLE SUPPORTED BY FIVE BENTS (MADE OF CREOSOTE TIMBER). THREE OF THE BENTS ARE LOCATED INSIDE THE CHANNEL AND THE OTHER TWO ARE ON THE BANKS OF THE CHANNEL. THE SPAN BETWEEN ANY GIVEN BENT IS APPROXIMATELY 52 FEET. ON FRIDAY AUGUST 2ND, MOBIL'S LINE-RIDE NOTICED THAT THE FIRST BENT INSIDE THE WATER WAS SAGGING LEAVING APPROXIMATELY 100 FEE OF OUR PIPELINE PARTIALLY SUPPORTED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: MOBIL'S PIPELINE WAS IMMEDIATELY SHUTDOWN AND BLOCKED

IN ON BOTH SIDES OF THE CHANNEL. SPILL BOOMS WERE DEPLOYED ON BOTH THE UPSTREAM AND DOWNSTREAM SIDES OF THE TRESTLE. ARCO DISPATCHED TWO CRANES; A 45-TON TO SUPPORT THE EAST-END AND A 90-TON TO SUPPORT THE WEST-END. OUR LINE WAS PUT BACK IN SERVICE ONCE THE CRANES WERE IN PLACE AND THE TRESTLE SUPPORTED. DUE

TO THE CONDITION OF THE BENTS ARCO WAS ALREADY IN THE PROCESS OF SECURING THE PERMITS FROM THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT TO REPLACE THEM. THEIR CONTRACTOR HAS BEEN MOBILIZED AND THE REPLACEMENT OF THE BENTS IS EXPECTED TO BE COMPLETED BY AUGUST 12, 1996. MOBIL HAS RESTRICTED SERVICE OF OUR LINE TO NIGHT-TIME SHIPMENTS ONLY DURING THE CONSTRUCTION PHASE OF THE PROJECT.

Shutdown: YES

Date Action Taken: 08/02/1996

Planned Follow-Up/Corrective Action: NONE

To Begin: 08/02/1996 To Be Completed By: 08/12/1996

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 08/08/1996 Region: WESTERN

Date Sent To State: 08/08/1996 State/Agency: CASFM

OPS Representative: MICHELLE M. SILVA

Date: 08/08/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONFIRMED WITH CSFM THAT REPAIRS ARE COMPLETE.

Action Taken By Operator: REPAIRED BRIDGE.

Date Repair Completed: 08/23/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECEIVED REPORT FROM CSFM THAT REPAIRS WERE COMPLETED.
RECOMMEND TO
CLOSE SRCR.

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/08/1996

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: RECEIVED SRCR ON 9 AUG 96. LOGGED & FAXED TO CSFM.

Action Taken By Operator: ON 2 AUG 96, MOBIL'S LINE RIDER NOTICED THE PL WAS SAGGING OVER THE DOMINGUEZ CHANNEL. PL WAS IMMEDIATELY SHUT DOWN AND BLOCKED IN ON BOTH SIDES OF THE CHANNEL. SPILL BOOMS WERE DEPLOYED UPSTREAM & DOWNSTREAM OF THE TRESTLE. TWO CRANES WERE DISPATCHED TO SUPPORT THE LINES ON EITHER SIDE OF THE CHANNEL. MOBIL'S LINE WAS PLACED BACK IN SERVICE AFTER THE CRANES WERE IN PLACE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRCR STATES THAT THE COMP[ANY WILL HAVE THE REPAIR COMPLETED BY 12 AUG

96. WILL CONFIRM WITH CSFM.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960034 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE S.E.
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/19/1996 Date Received: 08/19/1996
Reporting Official's Name: S.J. CHOBY
Title: MANAGER, CODES AND STANDARDS Phone: 3043572349
Determining Person's Name: FRANK A. GRAY
Title: OPERATIONS SUPERVISOR Phone: 3049843331
Date condition Determined to Exist: 08/13/1996
Condition Location: City: UNION, KANAWHA COUNTY State: WV

Specific Location: ONE MILE SOUTH OF LANHAM COMPRESSOR STATION
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: LOCALIZED CORROSION PITTING ON A BARE AND PROTECTED

12 INCH LINE. LEAK DISCOVERED DURING INSTRUMENTED PATROL OF STORAGE LINE. THIS LEAK IS LOCATED AT STATION 18 + 84 OF LINE X-2 F1 APPROXIMATELY 150 FEET FROM A DWELLING, ROAD AND ONE MILE SOUTH OF COLUMBIA'S LANHAM COMPRESSOR STATION.

Discovery Circumstances: DISCOVERED DURING INSTRUMENTED PATROL OF STORAGE

LINE.

Significant Effects on Safety: NONE

Corrective Action Taken: LINE PRESSURE WAS DROPPED AT 100 PSIG AND A LEAK CLAMP WAS INSTALLED. AFTER A NUMBER OF RURAL LDC CUSTOMERS ARE CONVERTED TO AN ALTERNATE FUEL SOURCE, THE LINE WILL BE REMOVED FROM SERVICE.

Shutdown: NO

Date Action Taken: 08/13/1996

Planned Follow-Up/Corrective Action: THE LINE IS SCHEDULED FOR REPLACEMENT THIS CONSTRUCTION SEASON AS A RESULT OF REMEDIATION ACTIVITIES INITIATED UNDER COLUMBIA'S FORMER WV STORAGE HFO.

To Begin: 08/13/1996 To Be Completed By: 08/23/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/28/1996 Region: EASTERN
Date Sent To State: 08/28/1996 State/Agency: WVPSC
OPS Representative: MICHELLE M. SILVA
Date: 08/28/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/08/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Reviewed repair of leakage.

Action Taken By Operator: Repaired leakage by the installation of a leak clamp. The entire line is now shut-in as of 8/16/96 for total replacement - currently in progress. Total pipe replacement at Lanham storage is anticipated by December of 1996.

Date Repair Completed: 08/13/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Entered in database by Paul Gustilo on 12/3/96 based on information provided by Darrell McKown in letter dated 11/8/96.

Prepared by: Darrell McKown

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960035 Condition Number(s): 1
Operator Name: TOTAL PIPELINE CORPORATION OPID:
Street Address: TOTAL TOWER, 900 19TH STREET, P.O. BOX 500
City: DENVER State: CO ZIP: 80201-0500

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 08/27/1996 Date Received: 08/27/1996
Reporting Official's Name: DOUGLAS WILSON
Title: OPERATIONS MANAGER Phone: 5177739978
Determining Person's Name: MIKE MARTIN
Title: MANAGER OF REGULATORY COMPLIAN Phone: 5177739978
Date condition Determined to Exist: 08/21/1996
Condition Location: City: VARIOUS COUNTIES State: MI

Specific Location: ISABELLA COUNTY, CLARE COUNTY, GRATIOT COUNTY, AND
MONTCALM COUNTY, MICHIGAN (VARIOUS SITES)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: AFTER RUNNING A SMART PIG WHICH MEASURE THE WALL
THICKNESS OF THE PIPE, IT HAS BEEN DETERMINED THAT
GENERAL CORROSION EXISTS THAT HAS REDUCED THE WALL
THICKNESS TO LESS THAN THAT REQUIRED FOR THE MAXIMUM
OPERATING PRESSURE.

Discovery Circumstances: RESULTS OF A SMART PIG.

Significant Effects on Safety: NONE

Corrective Action Taken: THE PRESSURE CONTROL DEVICES HAVE BEEN RESET FOR
A

MAXIMUM PRESSURE OF 120 PSI. PIPE REPLACEMENT PLANS
ARE BEING FORMULATED AND THE AFFECTED PIPE WILL BE
REPLACED BEGINNING 8/26/96. WE WILL SYSTEMATICALLY
REPLACE THE WORST SECTION FIRST AND PROCEED TO OTHER
SECTIONS AS NECESSARY. THE MAXIMUM OPERATING PRESSURE
WILL BE INCREASED AS SECTIONS ARE REPLACED AND THE
FORMULA ALLOWS FOR SUCH INCREASES DUE TO GREATER PIPE
THICKNESS. IT IS ANTICIPATED THAT THE PIPELINE WILL
BE BACK TO THE ORIGINAL MAXIMUM ALLOWABLE OPERATING
PRESSURE BY SEPT. 1, 1997 OR THE PIPELINE WILL BE
RE-RATED TO A NEW MAXIMUM ALLOWABLE OPERATING
PRESSURE. IN ADDITION, WE WILL EVALUATE THE CONDITION
OF THE PIPE AND THE CRUDE OIL TO DETERMINE THE CAUSE

OF THE CORROSION AND DEVELOP A PROGRAM TO MINIMIZE
SUCH CORROSION.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACE PIPE SECTIONS THAT NEED TO BE.

To Begin: 08/21/1996 To Be Completed By: 09/01/1997

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 08/28/1996 Region: CENTRAL

Date Sent To State: 08/28/1996 State/Agency: MIPSC

OPS Representative: MICHELLE SILVA

Date: 08/28/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/29/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 09/04/96: REQUESTED FROM GLEN GOODWIN, DOT
COORD. FOR TOTAL, (303) 2912007, A PLAN AND
STATUS OF REPLACEMENT BY THE END OF SEPTEMBER.
01/07/97: ALL ANOMALIES HAVE BEEN REPAIRED. NO
FURTHER ACTION REQUESTED.

Action Taken By Operator: THE EFFECTED LINE RUNS FROM 10 MILES SOUTH OF
GRAYLING, MI TO CRYSTAL, MI - 92 PIPELINE MILES AND
HAS 17 ANOMALIES. THE PRESSURE WAS DROPPED FROM 800#
TO 120#. 400 FEET NEAR THE CHIPPEWA RIVER, NEAR MT.
PLEASANT, MI HAS ALREADY BEEN REPLACED. 01/07/97
OPERATOR PROVIDED PLAN SEPT 16, 1996. PER LETTERS
DATED NOVEMBER 5 & 14, 1996 FROM TOTAL, ALL
ANOMALIES HAVE BEEN REPAIRED AND SEGMENT HAS BEEN
HYDROSTATICALLY TESTED TO 1200 PSIG. ON NOV. 5, 1996
TOTAL RESUMED OPERATION BASED UPON A MAOP OF 960
PSIG.

Date Repair Completed: 11/05/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ALL INFORMATION REQUESTED WAS RECEIVED. RECOMMEND SAFETY
RELATED

CONTINUATION REPORT BE CLOSED.

Prepared by: J. JOHNSON

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960036 Condition Number(s): 1
Operator Name: WASHINGTON GAS OPID:
Street Address: 6801 INDUSTRIAL ROAD
City: WASHINGTON State: DC ZIP: 20080

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/09/1996 Date Received: 09/09/1996
Reporting Official's Name: RICHARD L. COOK
Title: EXEC. ASST. OPER. TECH SUPPORT Phone: 7037504352
Determining Person's Name: RICHARD J. COOK
Title: EXEC. ASST. OPER. TECH SUPPORT Phone: 7037504352
Date condition Determined to Exist: 09/02/1996
Condition Location: City: ARLINGTON State: VA

Specific Location: ARLINGTON BOULEVARD, BETWEEN N. TROY ST. & N. TAFT ST.
ARLINGTON, VA 22209

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: ON SEPTEMBER 2, 1996, OUR COMPANY RECEIVED CUSTOMER

COMPLAINTS OF A NATURAL GAS LEAK AT THE ABOVE MENTIONED LOCATION. AFTER INVESTIGATING THE AREA, IT WAS DETERMINED THAT THERE WAS A NATURAL GAS LEAK ON OUR 16" WRAPPED STEEL TRANSMISSION LINE. THE LEAK WAS THE RESULT OF A LOCAL CORROSION CELL DUE TO DEFECTIVE COATING. THE URBAN LOCATION DICTATED THAT PRESSURE BE REDUCED AND TRAFFIC BE RE-ROUTED. THERE WERE NO EVACUATIONS AS A RESULT OF THIS CONDITION. DUE TO THE SEVERE WEATHER (TROPICAL STORM FRAN AND RAINS STORMS PRECEDING FRAN) IT WAS NECESSARY TO KEEP THE PRESSURE REDUCED UNTIL PERMANENT REPAIRS COULD SAFELY BE COMPLETED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE PRESSURE WAS REDUCED TO AND MAINTAINED AT 20 PSIG

IN THE LINE AND A TEMPORARY CLAMP WAS APPLIED. THE PLAN FOR PERMANENT REPAIR IS TO WELD A STEEL OVERSLEEVE ON THE MAIN AND REPAIR COATING. ALL WORK RELATED TO PERMANENT REPAIR IS IN PROGRESS AND WILL

BE COMPLETED BY SEPTEMBER 14, 1996.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: 09/02/1996 To Be Completed By: 09/14/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/03/1996 Region: EASTERN
Date Sent To State: 09/03/1996 State/Agency: VSCC
OPS Representative: MICHELLE SILVA
Date: 10/02/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/09/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State monitored the progress and final repair activities by Washington Gas. VA-SCC sent follow-up report to OPS-ER on 9-14-96

Action Taken By Operator: Permanent repair done to 16-inch steel line; Welded a 14-inch long full encirclement steel sleeve on the main and recoated. Line pressure was returned to original pressure of 165 psig. No further leak was detected at line pressure and excavation was backfilled.

Date Repair Completed: 09/14/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: VA/SCC faxed report 9/17/96 to close out.

Prepared by: Dino Rathod

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960037 Condition Number(s): 9
Operator Name: SOUTHERN NATURAL GAS OPID:
Street Address: P.O. BOX 2563
City: BIRMINGHAM State: AL ZIP: 35202-2563

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/13/1996 Date Received: 09/13/1996
Reporting Official's Name: CYRUS W. HARPER
Title: TRANSMISSION SUPERINTENDENT Phone: 2053257552
Determining Person's Name: CYRUS W. HARPER
Title: TRANSMISSION SUPERINTENDENT Phone: 2053257551
Date condition Determined to Exist: 09/09/1996
Condition Location: City: PROVIDENCE State: AL

Specific Location: PROVIDENCE, TUSCALOOSA COUNTY, AL
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: 3RD PARTY DAMAGE

Product in Pipeline: NATURAL GAS

Description of Condition: CONTRACTOR WAS EXCAVATING OVER 24" 2ND NORTH
MAIN

LOOP, WALL THICKNESS .250", AND SCRAPED PIPE LINE
WITH BACKHOE BUCKET RESULTING IN 2" LONG GASH, .040"
DEEP.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: SCHEDULE TO INSTALL A FULL ENCIRCLEMENT AS A
TEMPORARY REPAIR DURING THE WEEK OF 9/23/96. THIS
SEGMENT OF PIPE IS SCHEDULE TO BE REPLACED DURING THE
3RD QUARTER OF 1997.

Reduced Pressure From (PSI): 750 to (PSI): 650

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SEGEMENT OF PIPE IS SCHEDULED TO BE
REPLACED DURING THE 3RD QUARTER OF 1997.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 09/13/1996 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 10/02/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/23/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Received SRC report from HDQ stating that a contractor was excavating over Southern's 24" 2nd North Main Loop located at MP163.400 in Providence, Alabama (Tuscaloosa County). The pipe has a wall thickness of .250" deep. The pipe was scraped with the backhoe bucket resulting in 2" long gash, .040" deep. On March 6, 1997, Cy Harper, SoNat, stated that the Contractor damage on September 6, 1996 was during the construction of their new compressor station at Providence, AL. Southern Natural still has intention of replacing this segment of pipe during the 3rd quarter of 1997.

Action Taken By Operator: The MAOP of the pipeline was lowered from 750 psig to 650 psig. The operator has scheduled to install a full encirclement sleeve as a temporary repair during the week of September 23, 1996. This segment of pipe is scheduled to be replaced during the 3rd quarter of 1997. On March 6, 1997, Cy harper stated that the full encirclement sleeve was installed in September 1996 and SoNat will follow-up with OPS when the replace of the pipe begins. ON APRIL 29, 1998, CY HARPER STATED THAT THE PROJECT HAS NOT BEGUN DUE TO A DELAY OF APPROVAL BY FERC BECAUSE OF PUBLIC OPPOSITION. AT THE PRESENT TIME, FERC HAS APPROVED OF A SECTION OF AREA (BROKEN OUT FROM THE ORIGINAL SPECS) THAT SONAT MAY USE TO MAKE PERMANENT REPAIR AND OTHER CONSTRUCTION. THE REPAIR IS SCHEDULED TO BEGIN JULY OR AUGUST OF '98 AND COMPLETION NO LATER THAN NOV. 1, 1998. THE TEMPORARY REPAIR AND REDUCED PRESSURE ARE STILL IN EFFECT. On February 5, 1999, Ken Peters, Compliance Supervisor/SONAT, stated that the repair was to be made permanent in 1998 but the construction has not started due to permit delays and public opposition to the North Alabama project. SONAT still plans to install new pipe when the project begins later this year(1999). The MOP was return to normal pressure (750 PSI) after the temporary repair was completed September 1996. After consulting with Fred Joyner and Southern Region staff, the decision was made to

close this SRCR due to the full encirclement welded split sleeve being of appropriate design to meet the requirements of a permanent field repair as specified in 192.713(a)(2) and sufficient to increase MOP to normal operating pressure. According to SONAT, it is not economically feasible for them to replace this section of pipe until the North Alabama project begins. SONAT feels confident that the temporary repair exceeds the specs and performance of the existing pipe. For over two years, SONAT has not observed any problems with the temporary repair.

Date Repair Completed: 09/01/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960038 Condition Number(s): 6
Operator Name: TAYLOR ENERGY COMPANY OPID:
Street Address: THE 2-3-4 LOYOLA BUILDING
City: NEW ORLEANS State: LA ZIP: 70112

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/24/1996 Date Received: 09/25/1996
Reporting Official's Name: TRACY ALBERT
Title: REGULATORY & ENVIRON. SPECIAL. Phone: 5045938501
Determining Person's Name: BRAD SEAL
Title: LEASE OPERATOR Phone: 5045712982
Date condition Determined to Exist: 09/18/1996
Condition Location: City: State: LA

Specific Location: MISSISSIPPI CANYON BLOCK 20 OCS G 4935 6" DEPARTING OIL
PIPELINE SEGMENT NO 7296

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: OPERATOR STARTED PUMPS MANUALLY FOR MORNING
GAUGE

OFF PUMPS KICKED OFF AUTOMATICALLY. OPERATOR WENT
OUTSIDE AND SPOTTED A SLICK 75' AWAY FROM THE
PLATFORM. IMMEDIATELY SHUT IN 6" CRUDE OIL LINE AND
CONTACTED OFFICE. NO INJURIES.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: SHUT THE OIL PIPELINE IN UNTIL REPAIRS ARE MADE.

Shutdown: YES

Date Action Taken: 09/17/1996

Planned Follow-Up/Corrective Action: WE PLAN TO REPLACE A 1000' PIECE OF
COFLEXIP PIPE USED IN THIS LINE. THE
COFLEXIP PIPE WILL BE PRETESTED PRIOR TO
INSTALLATION. WE HOPE TO BEGIN THIS
PROJECT ON OR AROUND 10/1/1996 AND RETURN
THE LINE TO SERVICE.

To Begin: 10/01/1996 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 10/01/1996 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA
Date: 10/02/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/08/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted operator and determined report made in error in that a leak had already occurred and an accident already telephonically reported to NRC. Further, operator shut in line rendering situation safe. Pipeline will not resume service until appropriate repairs made. Operator so advised.

Action Taken By Operator: Operator shut in line at first indication of leak. Operator now making repairs.

Date Repair Completed: 09/18/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Report made in error. Leak occurred before report made.

Prepared by: Larry Atwell

Reviewed by: Larry Atwell for JCT
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960039 Condition Number(s): 5
Operator Name: EXXON COMPANY, USA OPID:
Street Address: P.O. BOX 551
City: BATON ROUGE State: LA ZIP: 70821

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 09/26/1996 Date Received: 09/27/1996
Reporting Official's Name: T.R. RABORN
Title: MTF DAY SUPERVISOR Phone: 5043597628
Determining Person's Name: K. W. DOUGHERTY
Title: FEED CONTROLLER Phone: 5043597698
Date condition Determined to Exist: 09/20/1996
Condition Location: City: BATON ROUGE State: LA

Specific Location: 4045 SCENIC HIGHWAY, BATON ROUGE, EBR PARISH, LA 70821
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: OVER PRESSURE ALARM ACTIVATED ON PROCESS CONTROL

COMPUTER.

Discovery Circumstances: MTF P-1 WAS STARTED UP AGAINST A BLOCK VALVE LOCATED 7 MILES AWAY IN THE BATON ROUGE REFINERY RESULTING IN AN OVER PRESSURE CONDITION.

Significant Effects on Safety: NONE

Corrective Action Taken: CORRECT FIELD LINE UP ON VALVES AND INSPECT FLANGES,

BLEEDERS, AND VALVE CONNECTIONS FOR SIGNS OF LEAKS PRIOR TO RE-START UP OF X-FER OPERATIONS. SHUTDOWN PIPELINE.

Shutdown: YES

Date Action Taken: 09/21/1996

Planned Follow-Up/Corrective Action: EMPLOYEES COUNSELED ON IMPORTANCE OF VERIFYING PROPER VALVE LINE UP PRIOR TO START-UP.

To Begin: 09/21/1996 To Be Completed By: 09/22/1996
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/01/1996 Region: SOUTHWES
Date Sent To State: 10/02/1996 State/Agency: LA
OPS Representative: MICHELLE SILVA
Date: 10/02/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/27/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: EXXON WARNED ABOUT THE IMPORTANCE OF FOLLOWING

WRITTEN PROCEDURES. TRAINING OF EMPLOYEES IS TO BE INTENSIFIED. CONTINUING NOT TO FOLLOW PROPER PROCEDURES WILL RESULT IN A CIVIL PENALTY.

Action Taken By Operator: EMPLOYEES COUNSELED ON IMPORTANCE OF VERIFYING PROPER VALVE LINE UP PRIOR TO START UP.

Date Repair Completed: 09/20/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: STATE ISSUED A WARNING LETTER AND ARE MONITORING EXXON'S TRAINING

PROGRAM, CLOSELY.

Prepared by: DANA ARABIE

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960040 Condition Number(s): 2
Operator Name: PACIFIC GAS & ELECTRIC COMPANY OPID: 15007
Street Address: 123 MISSION STREET, ROOM 1521
City: SAN FRANCISCO State: CA ZIP: 94106

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/08/1996 Date Received: 10/15/1996
Reporting Official's Name: SHAN BHATTACHARYA
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: JACK DENDINGER
Title: SR. GAS TRANSMISSION ENGINEER Phone: 9163887366
Date condition Determined to Exist: 10/02/1996
Condition Location: City: COLUSA State: CA

Specific Location: LINE 172 NEAR THE TOWN OF COLUSA, IN COLUSA COUNTY, CA
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: RECENT FARMING OPERATIONS COULD HAVE BEEN THE CAUSE

OF A PIPELINE FAILURE NEAR THIS AREA ON THIS TRANSMISSION LINE ON SEPTEMBER 28, 1996. THE PIPELINE FAILURE IS SUSPECTED TO HAVE BEEN CAUSED BY EXTERNAL MECHANICAL DAMAGE RESULTING FROM FARMING OPERATIONS. IT IS POSSIBLE THAT OTHER EXTERNAL DAMAGE EXISTS IN THE SAME GENERAL AREA. THE EFFECTED PORTION OF L-172 IS 18" DIAMETER, .250" WALL THICKNESS, API 5L X52 DSAW, WITH AN MAOP OF 800 PSIG (55.4% SMYS), IN A CLASS 1 LOCATION AND WAS INSTALLED IN 1957. THE OPERATING PRESSURE WAS TEMPORARILY REDUCED TO 575 PSIG (39.8% SMYS) ON THE EVENING OF OCTOBER 2, 1996 WHICH IS A PRESSURE REDUCTION GREATER THAN 20%.

Discovery Circumstances: EXAMINATION AND EVALUATION OF THE DAMAGED PIPELINE

MATERIAL FROM THE SEPTEMBER 28, 1996, FAILURE PROMPTED THE DECISION TO TEMPORARILY REDUCE THE OPERATING PRESSURE.

Significant Effects on Safety: DAMAGE TO THE PIPE COULD CAUSE SAFETY CONCERNS.

Corrective Action Taken: THE OPERATING PRESSURE WAS REDUCED FROM 800 PSIG

TO

575 PSIG ON OCTOBER 2, 1996. IN ADDITION, ON OCTOBER 3, EFFORTS BEGAN TO EVALUATE THE CONDITION OF THE PIPE FROM APPROXIMATE MILE POINTS 12.9 TO 13.6. THE EVALUATIONS CONSISTS OF CONDUCTING CATHODIC PROTECTION CLOSE INTERVAL PIPE TO SOIL SURVEY, A PIPE COATING ANOMALY SURVEY AND AN ELECTRIC DEPTH DETERMINATION SURVEY (EVERY 50'). THE SURVEYS HAVE BEEN COMPLETED AND EXCAVATION BEGAN ON OCTOBER 7, 1996 TO EXPOSE THE LOCATIONS THAT THE SURVEYS INDICATE MAY HAVE DAMAGED.

Reduced Pressure From (PSI): 800 to (PSI): 575

Shutdown: NO

Date Action Taken: 10/02/1996

Planned Follow-Up/Corrective Action: THE PIPE WILL BE EVALUATED AT EACH EXCAVATION AND NECESSARY REPAIRS WILL BE PERFORMED.

To Begin: 10/02/1996 To Be Completed By: 10/30/1996

Jurisdictional To (Region or State/Agency abbrev.): STATE

Date Sent To Region: 10/19/1996 Region: WESTERN

Date Sent To State: 10/19/1996 State/Agency: CA PUC

OPS Representative: MICHELLE M. SILVA

Date: 10/19/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/20/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State and Pipeline Company agreed to lower pressure until the cause of the incident was determined and any necessary repairs made to insure the integrity of the pipeline.

Action Taken By Operator: Operating personnel performed several analyses of the pipeline including a close interval pipe-to-soil survey, a coating anomaly survey and an electronic depth determination. These analyses were performed for a distance one half mile on either side of the break location. As a result of the surveys, 35 feet of 0.312 inch wall 18 inch API 5LX Grade X60 pipe was installed. In addition, cover to 350 feet was restored to a minimum of 30 inches. The line is in a class one area. Work completed Oct. 16, 1996.

Date Repair Completed: 10/16/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRCR IS CLOSED.

Prepared by: ZACH BARRETT

Reviewed by: JOSEPH P. ROBERTSON
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960041 Condition Number(s): 1
Operator Name: SANTA FE PACIFIC PIPELINE OPID:
Street Address: 1100 TOWN & COUNTRY ROAD
City: ORANGE State: CA ZIP: 92868

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/22/1996 Date Received: 10/25/1996
Reporting Official's Name: D. R. QUINN
Title: MANAGER-PIPELINE ENGINEERING Phone: 7145604940
Determining Person's Name: R. J. PLISKA
Title: SENIOR ENGINEER Phone: 7145604945
Date condition Determined to Exist: 10/25/1996
Condition Location: City: EL PASO State: TX

Specific Location: SFPP LINE SECTION 17, SFPP MILE POST (A) 1.11; (B) 1.17
& (C) 1.35

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: REFINED PETROLEUM

Description of Condition: GENERAL CORROSION ALONG THE FOLLOWING LENGTHS OF

PIPE: (A) 13" - FEATURE #63 - LOG DIST. 5848.2; (B) 7" - FEATURE #70 - LOG DIS. 6168.5; (C) 15" - FEATURE #132 - LOG DIST. 7142.5

Discovery Circumstances: CONDITION WAS DISCOVERED DURING THE DATA VERIFICATION PROCESS FOLLOWING AN INSPECTION OF THE PIPELINE WITH AN INTERNAL INSPECTION TOOL.

Significant Effects on Safety: PIPE WALL THICKNESS WAS LESS THAN REQUIRED FOR MAXIMUM OPERATING PRESSURE.

Corrective Action Taken: OPERATING PRESSURE RESTRICTION TO 91% OF MAXIMUM ALLOWABLE OPERATING PRESSURE.

Shutdown: NO

Date Action Taken: 10/23/1996

Planned Follow-Up/Corrective Action: FULL ENCIRCLEMENT REINFORCEMENT STEEL SLEEVES WERE WELDED ON THE PIPELINE (A) 20" -LONG SLEEVE; (B) 15" -LONG SLEEVE; (C) 26" -LONG SLEEVE.

To Begin: 10/23/1996 To Be Completed By: 10/23/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 10/26/1996 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 11/08/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/04/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called operator 10/29/96.

Action Taken By Operator: Operaytor reinforced wall-thickness of pipe that had experienced General Corrosion and had been identified by analysis of "Smartn Pig" intruements. All reinforcements were in place on 10/23/1996.

Date Repair Completed: 10/23/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This report was not required due to propmpt reinforcement that mitigated the unsafe condition.

Prepared by: Larry Atwell

Reviewed by: Larry Atwell

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960042 Condition Number(s): 9
Operator Name: ENSTAR OPID:
Street Address:
City: ANCHORAGE State: AK ZIP:

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 10/28/1996 Date Received: 10/28/1996
Reporting Official's Name: DREW SMITH
Title: SENIOR ENGINEER Phone: 9072643744
Determining Person's Name: DREW SMITH
Title: SENIOR ENGINEER Phone: 9072643744
Date condition Determined to Exist: 10/28/1996
Condition Location: City: ANCHORAGE State: AK

Specific Location: 27 - 28A BLOCK 1 CROSS POINT SUBDIVISION, ANCHORAGE AK
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: THIRD PARTY DAMAGE

Product in Pipeline:

Description of Condition: A CONTRACTOR DAMAGED THE 12" MULDOON LOOP TRANSMISSION PIPELINE AT LOT 27 - 28A BLOCK 1 CROSS POINT SUBDIVISION, ANCHORAGE ALASKA. THE POST HOLE AUGER GOUGED THE PIPE AND REDUCED THE PIPE WALL THICKNESS BY .020" - .03". THE PIPELINE PRESSURE WAS REDUCED FROM 685 PSI TO 600 PSI UNTIL THE PIPELINE IS REPAIRED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: ENSTAR IS PLANNING ON REMOVED A 90' SECTION AND REPLACING IT WITH NEW PIPE. THE PIPE WILL BE TAKEN OUT OF SERVICE FOR THE REPLACEMENT.

Reduced Pressure From (PSI): 685 to (PSI): 600

Shutdown: NO

Date Action Taken: 10/18/1996

Planned Follow-Up/Corrective Action: ENSTAR IS PLANNING ON REMOVING A 90' SECTION AND REPLACING IT WITH NEW PIPE. THE PIPE WILL BE TAKEN OUT OF SERVICE FOR THE REPLACEMENT.

To Begin: 10/30/1996 To Be Completed By: 11/02/1996
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/29/1996 Region: WESTERN

Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/08/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CHRIS HOIDAL CONTACTED OPERATOR FOR UPDATE.
HE

WILL REVIEW CONSTRUCTION RECORDS DURING HIS
ANNUAL INSPECTION.

Action Taken By Operator: REPAIRS WERE COMPLETED ON THE 80 FOOT LONG
DAMAGED

PORTION OF PIPELINE.

Date Repair Completed: 11/02/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960043 Condition Number(s): 2
Operator Name: GRANITE STATE GAS TRANSMISSION, INC. OPID:
Street Address: 325 WEST ROAD
City: PORTSMOUTH State: NH ZIP: 03801

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/29/1996 Date Received: 10/29/1996
Reporting Official's Name: JEAN-MARC TEIXEIRA
Title: VICE PRES OF OPERATIONS Phone: 6034360310
Determining Person's Name: JAMES J. WILBUR
Title: PIPELINE SUPERVISOR Phone: 6034360310
Date condition Determined to Exist: 10/22/1996
Condition Location: City: OLD ORCHARD State: ME

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
2. Unintended movement or abnormal loading by environmental causes (gas,
LNG, liquid)
Product in Pipeline:
Description of Condition: NOT REPORTED
Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: NONE

Shutdown: YES
Date Action Taken: 10/22/1996
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/30/1996 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE SILVA
Date: 11/08/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/23/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: On 10/25/96 East. Region inspector, Dino Rathod, visited site of exposed main. On 11/8/97 East. Region inspector, Paul Gustilo, reviewed Granite State's engineering analysis report (received by ER around 11/8/96) of the stresses affecting exposed pipe. Stress calculations appeared sound and temporary support design appears adequate for the stresses calculated.

Action Taken By Operator: Upon discovering exposed main, operator immediately provided support to exposed main by utilizing a crane. An engineering analysis was performed and temporary support system was designed and installed. Operator had engineering design for permanent repair completed in November of 1996 however, due to winter weather and environmental conditions, they have planned to perform permanent repair in the spring of 1997.

Date Repair Completed: 09/09/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: New section was installed in 9/97.

Prepared by: Phillip Nguyen

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960044 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORPORATION OPID:
Street Address: P.O. BOX 1273/1700 MACCORKLE AVE SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/15/1996 Date Received: 11/18/1996
Reporting Official's Name: STEVEN J. CHOBY
Title: MANAGER CODES & STANDARDS Phone: 3043572349
Determining Person's Name: SCOTT BENNETT
Title: CORROSION TECHNICIAN Phone: 6102694440
Date condition Determined to Exist: 11/14/1996
Condition Location: City: LOWER SAUCON State: PA

Specific Location: 1369 FEET NORTH OF WASSERGASS ROAD, A TOWNSHIP ROAD,
LOCATED NORTHEAST OF HELLERTOWN, PA. TOWNSHIP: LOWER
SAUCON, COUNTY: NORTHAMPTON AD, LOCATED NORTHEAST
PIPELINE RIGHT-OF WAY.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A LEAK DUE TO CORROSION PITTING WAS DISCOVERED.
THE

LEAK WAS REPAIRED WITH A BOLT-ON LEAK CLAMP.
LOCALIZED PITTING ADJACENT TO THE LEAK WAS EVALUATED
BY RSTRENG METHOD. ANALYSIS REVEALED THAT THE
SEGMENT OF PIPE WAS NOT SERVICEABLE FOR THE EXISTING
MAOP.

Discovery Circumstances:

Significant Effects on Safety: BEING UNSUPPORTED AND ANY DAMAGE FROM THE
TREES LEANING ON THE PIPE.

Corrective Action Taken: Initial Action: Installed bolt-on leak clamp and
clockspring reinforcing wrap.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LEAK CLAMP AND CLOCKSPRING REINFORCING
WRAP WILL BE REPLACED BY PIPE REPLACEMENT
AS PART OF PREVIOUSLY SCHEDULED LINE 1278
REPLACEMENT PROJECT. WILL BE INSTALLED
BENEATH THE STREAM BED.

To Begin: 07/15/1996 To Be Completed By: 07/17/1997
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/18/1996 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LUCY OSHIRO
Date: 11/19/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/11/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR REPLACED 406 FOOT SECTION OF PIPE ON
6-17-97 AS PART OF LARGER 1278 REMEDIATION PROJECT.
NEW STATION 512+02, AT DIG #79

Date Repair Completed: 06/17/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WORK WAS PART OF LARGER 1278 REMEDIATION PROJECT AS ENDORSED
BY OPS
EASTERN

Prepared by: B E COY

Reviewed by: PHILLIP NGUYEN
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/09/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ER MONITORING ILI CONSTRUCTION PROJECT

Action Taken By Operator: USING ILI TOOL TO IDENTIFY METAL LOSS LOCATIONS,
PROJECT SHOULD CONCLUDE IN NOV-97

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/17/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: THIS LOCATION WILL BE A PART OF THE REMEDIATION OF

LINE 1278, AS IDENTIFIED BY ILI TOOL. THE TOOL WILL RUN IN LATE SPRING OR EARLY SUMMER 1997. ALL PREPARATION WORK FOR THE ILI TOOL WAS COMPLETE IN DEC-97.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960045 Condition Number(s): 5
Operator Name: EXXON COMPANY, USA, REFINING DEPARTMENT OPID:
Street Address: 4045 SCENIC HIGHWAY
City: BATON ROUGE State: LA ZIP: 70805

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/03/1996 Date Received: 12/05/1996
Reporting Official's Name: ROBERT A. BUCKLEY (Lisa Madden for)
Title: FLS DAY SUPERVISOR Phone: 5043594385
Determining Person's Name: Lonie Jones
Title: FEED SECTION CONTROLLER Phone: 5043597698
Date condition Determined to Exist: 11/28/1996
Condition Location: City: BATON ROUGE State: LA

Specific Location: Achorage Tank Farm
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)
5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: LIQUID

Description of Condition: Line left blocked in between ATF and Refinery.

Discovery Circumstances: Thermal expansion of product in line caused alarm to activate.

Significant Effects on Safety: No flow in line at time of overpressure.

Corrective Action Taken: No repair required as no release occurred. #4 crude line visually inspected and all flanges and connections checked prior to restart-up of pipeline. Will review thermal relief valve (TRVs) locations to determine if additional TRVs are required to prevent similar occurrences. s checked prior to restart-up of pipeline.

Shutdown: YES

Date Action Taken: 11/28/1996

Planned Follow-Up/Corrective Action: Will review themal relief valve (TRVs) locations to determine if additional TRVs are required to prevent similar

occurrences.

To Begin: 11/28/1996 To Be Completed By: 01/31/1997
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 12/06/1996 Region: SOUTHWES
Date Sent To State: 12/06/1996 State/Agency: LA DNR
OPS Representative: Lucy Oshiro/Linda Daugherty
Date: 12/06/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED LOCATION OF THERMAL RELIEF ADVICES
AND

PROCEDURES IN PLACE AT TIME OF OVERPRESSURE.

Action Taken By Operator: CORRECTIVE ACTION TAKEN IMMEDIATELY WAS TO
OPEN A

BLOCK VALVE. REVIEW INDICATES ADDITION OF THERMAL
RELIEF DEVICE OF SOME TYPE.

Date Repair Completed: 11/28/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DANA ARABIE

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960046 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORPORATION OPID:
Street Address: P.O. BOX 1273/1700 MACCORKLE AVE SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/05/1996 Date Received: 12/05/1996
Reporting Official's Name: Steven J. Choby
Title: Manager, Codes and Standards Phone: 3043572349
Determining Person's Name: Micheal W. Roberts
Title: District Superintendent Phone: 6102694440
Date condition Determined to Exist: 12/02/1996
Condition Location: City: Hellertown State: PA

Specific Location: Location is approximately 122 feet south of S. S.R. 4067
north of Hellertown

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: A leak due to corrosion pitting was discovered. The
leak was repaired with a bolt-on leak clamp.
Localized pitting adjacent to the leak was evaluated
by RSTRENG method. RSTRENG analysis demonstrated
that the pipe integrity is serviceable at existing
MAOP.

Discovery Circumstances:

Significant Effects on Safety: Operator is communicating with local public
officials.

Corrective Action Taken: Installed bolt-on leak clamp.

Shutdown: NO

Date Action Taken: 12/02/1996

Planned Follow-Up/Corrective Action: Leak clamp will be replaced by pipe
replacement as part of previously
scheduled Line 1278 replacement project.

To Begin: 07/15/1997 To Be Completed By: 07/17/1997
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 12/06/1996 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: Lucy Oshiro and Linda Daugherty

Date: 12/06/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/11/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR REPLACE 285 FOOT SECTION OF PIPE AS PART OF

LARGER 1278 PROJECT

Date Repair Completed: 06/02/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WORK WAS PART OF LARGER 1278 REMEDIATION PROJECT AS ENDORSED BY OPS

EASTERN

Prepared by: B E COY

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/09/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ER MONITORING ILI PROGRAM AND REMEDIATION
PROJECT

Action Taken By Operator: USING ILI TOOL TO IDENTIFY METAL LOSS LOCATIONS,
PROJECT SHOULD CONCLUDE BY NOV-97

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/17/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: THIS LOCATION WILL BE ADDRESSED AS A PART OF THE ILI

REMEDIATION WORK PLANNED FOR LATE SPRING OR SUMMER 1997. THE PREPARATION WORK ON THE LINE FOR THE ILI TOOL WAS COMPLETED IN DEC-96.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960047 Condition Number(s): 2
Operator Name: ALYESKA PIPELINE SERVICE CO OPID: 26149
Street Address: 1835 SOUTH BRAGAW ST.
City: ANCHORAGE State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/03/1996 Date Received: 12/03/1996
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRESIDENT Phone: 9072658923
Determining Person's Name: No determination at this time.
Title: Phone:
Date condition Determined to Exist:
Condition Location: City: Thompson Pass State: AK

Specific Location: Trans-Alaska Pipeline, Mile 775 through 781 Approx. 25
miles north of Valdez, AK.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Petroleum

Description of Condition: The pipeline is vibrating on the south-side of
Thompson Pass due to slack line flow. Potential
effect on known anomalies is being evaluated.

Discovery Circumstances: Alyeska has been monitoring this situation. Ground
pulsation was felt by residents in the area.

Significant Effects on Safety: Screening studies identified the possibility
of fatigue failure at 9 areas of concern. The
anomaly at MP 775.6 was most concerning due
to the highest cyclic stress.

Corrective Action Taken: Federal and state officials were immediately
notified. Alyeska stress consultants are analyzing the
situation and evaluating the threat to pipeline
integrity. Soil gas probes are being used to test for
hydrocarbon vapors.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Install a temporary back pressure system
at Valdez. Continue to monitor for
leaks. Modify oil spill contingency plan.
Design an inspection and repair program.
Analyze other areas that have or may have

slack line conditions.

To Begin: 12/03/1996 To Be Completed By: 02/03/1997
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 12/12/1996 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: Lucy Oshiro/Linda Daugherty
Date: 12/16/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes: INVESTAGATIONS SHOWED NEITHER FATUGE OR COROSION WERE A
FACTOR THEREFORE

 NO PROBLEM OF SAFETY RELATED CONDITION EXISTED

 Prepared by: HADDOW/STRAWN

 Reviewed by: ROBERTSON

 Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960049 Condition Number(s): 1
Operator Name: COLONIAL PIPELINE CO. OPID: 2552
Street Address: 3390 PEACHTREE RD. P.O. BOX 18855
City: ATLANTA State: GA ZIP: 30338

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/11/1996 Date Received: 12/18/1996
Reporting Official's Name: JAMES A. COX
Title: TECHNICAL AND REG. MANAGER Phone: 4048412296
Determining Person's Name: LARRY HICKS
Title: MAINTENANCE SUPERVISOR Phone: 6017656707
Date condition Determined to Exist: 12/05/1996
Condition Location: City: Tuscaloosa State: AL

Specific Location: Near U.S. Highway 82
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Petroleum

Description of Condition: General corrosion of 400 feet of Line 1. The deepest corrosion measured was .05 inch and, applying an additional safety factor to that measurement, Colonial calculated MOP based on a remaining wall thickness of 0.165 inches. 1

Discovery Circumstances: This condition was located on a MFL internal inspection tool run in November 1996.

Significant Effects on Safety: NONE

Corrective Action Taken: The maximum operating pressure was reduced to 342 PSIG.

Shutdown: NO

Date Action Taken: 12/05/1996

Planned Follow-Up/Corrective Action: This section will be scheduled for replacement for new pipe.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 12/12/1996 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: Lucy Oshiro/Linda Daugherty
Date: 12/16/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/17/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Received a courtesy copy of SRC report from Colonial and later a copy from HDQ on December 12, 1996. During a MFL internal inspection tool run in November of 1996, general corrosion was found on approximately 400 feet of Line 1 - 36", .281" w.t. X 52 grade at Station 3512 + 75. The deepest corrosion measured was .075 inch. Initial pressure was 506 psig. This area is covered under the HFO (Hazardous Facility Order). Mike Schwarzkopf, OPS, witnessed tie-in on January 16 & 17, 1997. Colonial has resumed normal operating pressures on Line 1.

Action Taken By Operator: Colonial calculated maximum operating pressure based on a remaining wall thickness of .165 inch, applying an additional safety factor to that measurement. The maximum operating pressure was reduced to 342 psig. This section will be scheduled for replacement with new pipe - 36", .312" w.t. X 52 grade. Welding to begin December 17 or 18. Tie-in should be made around January 15, 1997 (delayed due to tie-in of river crossing in LA). Tie-in was performed on January 16 & 17, 1997. The pressure restriction has been removed.

Date Repair Completed: 01/17/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960048 Condition Number(s): 1
Operator Name: ENOGEX, Inc. OPID:
Street Address: 600 Central Park Two, 515 Central Park Drive
City: Oklahoma City State: OK ZIP: 73124-0300

System Type: NOT REPORTED Inter/Intrastate: NOT REPORTED

Date of Report: 11/25/1996 Date Received: 12/13/1996
Reporting Official's Name: Steve Rushing
 Title: Safety Compliance Admin. Phone: 4055575235
Determining Person's Name: Steve Rushing
 Title: Safety Compliance Admin. Phone: 4055575235
Date condition Determined to Exist: 11/25/1996
Condition Location: City: Lincoln County State: OK

Specific Location: Line 114A from Prague Jct. to Heneryetta Jct.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline:

Description of Condition: Internal corrosion was found that caused company to lower the M.A.O.P. of Line 114A from Prague Jct. to Heneryetta Jct.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: M.A.O.P. lowered from 550 to 240 in accordance with ASME/ANSI B31G.

Reduced Pressure From (PSI): 550 to (PSI): 240

Shutdown: NO

Date Action Taken: 11/25/1996

Planned Follow-Up/Corrective Action: The section of pipeline, 114A, between Prague Jct. and Heneryetta Jct. will be hydrostatically tested to establish a 550 M.A.O.P.

To Begin: 01/24/1997 To Be Completed By: 01/24/1997

Jurisdictional To (Region or State/Agency abbrev.): OK

Date Sent To Region: 12/16/1996 Region: Southwes

Date Sent To State: 12/16/1996 State/Agency: OK

OPS Representative: Lucy Oshiro/Linda Daugherty

Date: 12/16/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/21/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State verified work performed by Enogex.

Action Taken By Operator: On March 10, 1997, Enogex returned service to Line 114A. The line which is located in a Class 1 location, was tested to 769 psig to establish a 550 MAOP (Class 3 location derating).

Date Repair Completed: 03/10/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: D.Fothergill/OCC Staff

Reviewed by: J.C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/12/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The Oklahoma Corporation Commission has contacted the operator.

Action Taken By Operator: Enogex shut in the pipeline on 1/13/97, and began pressure testing the segment of pipeline relating to the SRCR on 1/14/97. Pressure testing was completed on 1/18/97. The line was successfully tested to 769 psig. New MAOP of 550 psig (Class 3). SRCR segment is in a Class 1 location. As of 1/20/97 the line remains shut in while the remainder of the pipeline is pressure tested.

Date Repair Completed: 01/18/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Oklahoma Corporation Comm

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960050 Condition Number(s): 1
Operator Name: ENRON Liquids Pipeline Company OPID:
Street Address: 4755 East Route 6
City: Morris State: IL ZIP: 60450

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/11/1996 Date Received: 12/17/1996
Reporting Official's Name: Richard E. Slaugh
Title: Division Compliance Specialist Phone: 8159422230
Determining Person's Name: Mark McMenic
Title: Division Corrosion Specialist Phone: 3193516350
Date condition Determined to Exist: 12/03/1996
Condition Location: City: State: IL

Specific Location: Illinois and Michigan sanitary canal, MP 31.5646,
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LPG Products

Description of Condition: External galvanic corrosion defect. Defect is 7/10" long and 200 mills deep at 6 o'clock on pipe. Wall thickness of pipe is .250, X52. was found in during Smart Pig survey in Nov. 1996.

Discovery Circumstances: The condition was found during Smart Pig survey in Nov. 1996

Significant Effects on Safety: NONE

Corrective Action Taken: Pipeline operating pressure was reduced to 200 PSIG (MOP 1440) on 11/6/96. Pressure is reduced until pressure containing full encirclement split sleeve is installed. Installation will start on and be completed on 12/11/96.e will be completed on

Shutdown: NO

Date Action Taken: 11/06/1996

Planned Follow-Up/Corrective Action: Installation of split sleeve.

To Begin: 12/11/1996 To Be Completed By: 12/11/1996
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 12/19/1996 Region: Central
Date Sent To State: State/Agency: N/A
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/04/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/20/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CRO REVIEWED WITH OPERATOR METHOD OF REPAIR.
OPERATOR IS PROPOSING TO INCREASE PRESSURE.

Action Taken By Operator: CLOCK SPRINGS HAVE BEEN USED TO REPAIR TOW
AREAS,

AND A TEN FOOT SECTION HAS BEEN REPLACED ON A THIRD
SECTION

Date Repair Completed: 12/20/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ALL THREE REPAIRS WERE ON THE 106 LINE BETWEEN LEMONT AND
WAYNE

STATIONS.

Prepared by: HANS SHIEH 2/6/97

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960051 Condition Number(s): 1
Operator Name: ENRON Liquids Pipeline Company OPID:
Street Address: 4755 East Route 6
City: Morris State: IL ZIP: 60450

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/12/1996 Date Received: 12/17/1996
Reporting Official's Name: Richard E. Slaugh
Title: Division Compliance Specialist Phone: 8159422230
Determining Person's Name: Mark McMenic
Title: Division Corrosion Specialist Phone: 3193516350
Date condition Determined to Exist: 12/03/1996
Condition Location: City: State: IL

Specific Location: Des Plains River, east bank, downstream of MLV.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LPG Products

Description of Condition: External galvanic corrosion defect. Defect is 2.2" in length with a depth of 178 mills or 71% of pipeline wall thickness (.250) (X52).

Discovery Circumstances: Defect found during Nov. 1996 Smart Pig survey

Significant Effects on Safety: NONE

Corrective Action Taken: Upon results of Smart Pig survey, the pipeline operating pressure was reduced. After inspection on 12/3/96, it was determined to review possible installation of split sleeve. 12/12/96: further review indicated that pipe will need removal with new section approximately 10 ft. in length installed. Stopple crew and repair slated for week of 12/21/96.
pipel

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Pipe replacement.

To Begin: 12/21/1996 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 12/19/1996 Region: Central
Date Sent To State: State/Agency: N/A
OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 02/04/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/20/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CRO REVIEWED WITH OPERATOR METHOD OF REPAIR.
OPERATOR IS PROPOSING TO INCREASE PRESSURE.

Action Taken By Operator: CLOCK SPRINGS HAVE BEEN USED TO REPAIR TOW
AREAS,

AND A TEN FOOT SECTION HAS BEEN REPLACED ON A THIRD
SECTION.

Date Repair Completed: 12/01/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ALL THREE REPAIRS WERE ON THE 106 LINE BETWEEN THE LEMONT AND
WAYNE

STATIONS.

Prepared by: HANS SHIEH 2/6/1996

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960052 Condition Number(s): 1
Operator Name: ENRON Liquids Pipeline Company OPID:
Street Address: 4755 East Route 6
City: Morris State: IL ZIP: 60450

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/03/1996 Date Received: 12/17/1996
Reporting Official's Name: Richard E. Slaugh
Title: Division Compliance Specialist Phone: 8159422230
Determining Person's Name: Mark McMenic
Title: Division Corrosion Specialist Phone: 3193516350
Date condition Determined to Exist: 12/03/1996
Condition Location: City: State: IL

Specific Location: Des Plains River, 27 ft. downstream from MLV.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: LPG Products

Description of Condition: External galvanic corrosion defect. Defect is 1.1" long, 113 mills deep, at 4 o'clock on pipe. Wall thickness of pipe is .250, X52, and defect causes a pipe loss of 45%.

Discovery Circumstances: Defect was found during Nov. 1996 Smart Pig, Job #4339.02.

Significant Effects on Safety: NONE

Corrective Action Taken: Pipeline operating pressure was reduced to 200 psig (MOP 1440) on 11/11/96. Pressure reduction until clock spring device was installed on 12/11/96.

Shutdown: NO

Date Action Taken: 11/11/1996

Planned Follow-Up/Corrective Action: Clockspring device installed.

To Begin: 12/11/1996 To Be Completed By: 12/11/1996
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 12/19/1996 Region: Central
Date Sent To State: State/Agency: N/A
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/04/1996

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/20/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CRO REVIEWED WITH OPERATOR METHOD OF REPAIR.
OPERATOR IS PROPOSING TO INCREASE PRESSURE.

Action Taken By Operator: ALL THREE REPAIRS WERE ON THE 106 LINE BETWEEN
LEMONT AND WAYNE.

Date Repair Completed: 12/01/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ALL THREE REPAIRS WERE ON THE 106 LINE BETWEEN THE LEMONT AND
WAYNE
STATIONS.

Prepared by: HANS SHIEH 2/6/97

Reviewed by: IVAN A. HUNTOON
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960053 Condition Number(s): 1
Operator Name: Defense Fuel Supply OPID:
Street Address: 700 Carquinez Drive
City: Martinez State: CA ZIP: 94553

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/12/1996 Date Received: 12/18/1996
Reporting Official's Name:
Title: Charles H. Gross, Lt Col USAF Phone: 3103353090
Determining Person's Name: MArk A.Borges
Title: Foreman Phone: 5104323563
Date condition Determined to Exist: 11/29/1996
Condition Location: City: State: CA

Specific Location: Ozol Pipeline between Concord and Martinez, CA.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Turbine fuel

Description of Condition: No physical break or leak in line. Condition determined as exterior defects on line by "corrosion detection pig".

Discovery Circumstances: Smart pig.

Significant Effects on Safety: NONE

Corrective Action Taken: Upon receipt of advance copy of report, the pipeline was shut down and pressure reduced to 240 PSI.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: Repair of noted anomalies.

To Begin: To Be Completed By: 12/20/1996
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 12/19/1996 Region: Western
Date Sent To State: 12/19/1996 State/Agency: CASFM
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/04/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACTED & FAXED SRCR TO CSFM. RECEIVED REPORT

THAT DEFENSE FUEL SUPPLY FOUND CORROSION PITS
FROM SMART PIG RUN.

Action Taken By Operator: REPAIRED 11 ANOMALIES BY SLEEVING LINE.

Date Repair Completed: 12/27/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: DEFENSE FULE SUPPLY COMPLETED REPAIRS UNDER CSFM REVIEW.
RECOMMEND TO

CLOSE SRCR.

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 960054 Condition Number(s):
Operator Name: SUNOCO OPID:
Street Address: Ten Penn Center, 1801 Market Street
City: Philadelphia State: PA ZIP: 19103-1699

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/31/1996 Date Received: 12/31/1996
Reporting Official's Name: David R. Meadows
Title: Superintendent - Region II Phone: 6106703203
Determining Person's Name: Michael W. Harris
Title: Foreman - SPL Big Flats Phone: 6075627201
Date condition Determined to Exist: 12/24/1996
Condition Location: City: Southport Township State: NY

Specific Location: Off Route 328, approx. 1 mile north of NY/PA state line
and 300' south of Seeley Creek pipeline crossing

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Products

Description of Condition: 75 LF of 8 5/8" of suspended pipeline due to washout
caused by recent storm.

Discovery Circumstances: Property owner notified Control Center.

Significant Effects on Safety: NONE

Corrective Action Taken: A temporary support system was installed to support
the pipeline

Shutdown: NO

Date Action Taken: 12/30/1996

Planned Follow-Up/Corrective Action: Operator will study the situation to
determine the best permanent corrective
action.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 12/31/1996 Region: Eastern

Date Sent To State: 12/31/1996 State/Agency: NYPSC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 02/04/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/03/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY PSC monitored Sun's response and remediation plans. Field monitored execution of boring at creek, welding of new relocation line, coating protocols, hydrotest, purge. Kept in contact by Big Flats Foreman in charge of repairs.

Action Taken By Operator: Shut down line until exposed line was suitably supported. Isolation valves installed each side of creek at I-25, mile spread. Relocation with directional bore 13' below creek bed. New 8" piping installed and electrically isolated and cathodically protected via dedicated rectifier.

Date Repair Completed: 02/07/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY PSC monitored Sun's work as interstate agents.

Prepared by: Kate Miller

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/07/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY PSC is monitoring remedial actions as interstate agents.

Action Taken By Operator: Sun plans to install valves on each side of the creek and to directionally bore a new creek crossing. NY DEC is determining course of action for restructuring creek contour and banks.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Kate Miller

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.