

Report ID: 910001 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: 01/11/1991 Date Received: 01/11/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: B. L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658105
Date condition Determined to Exist: 01/08/1991
Condition Location: City: MP 593.90 State: AK

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: PETROLEUM

Description of Condition: GENERAL CORROSION.

Discovery Circumstances: NKK PIG SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A SIX FOOT SLEEVE WAS INSTALLED OVER ONE AREA OF CORROSION. A SECOND SLEEVE IS SCHEDULED OVER ANOTHER AREA OF CORROSION ON 1/13/91.

Reduced Pressure From (PSI): 896 to (PSI): 847

Shutdown: NO

Date Action Taken: 01/11/1991

Planned Follow-Up/Corrective Action: A SECOND SLEEVE IS TO BE INSTALLED ON 1/13/91.

To Begin: 01/13/1991 To Be Completed By: 01/13/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/14/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 01/14/1991

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

Date of Follow-Up Report: 01/31/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 6 FT GIRTH WELDED SLEEVE AND 11-FOOT
STRUCTURAL SLEEVES.

Date Repair Completed: 01/10/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE

Reviewed by: EDWARD ONDAK
Region Chief

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

Report ID: 910002 Condition Number(s): 6
Operator Name: COLUMBIA GAS OF PENNSYLVANIA, INC. OPID: 2616
Street Address: 200 CIVIC CENTER DRIVE
City: COLUMBUS State: OH ZIP: 43216-0117

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/09/1991 Date Received: 01/09/1991
Reporting Official's Name: JAMES R. BERENDSEN
Title: SENIOR ATTORNEY Phone: 6144604650
Determining Person's Name: BURNELL BOLLINGER
Title: DISTRICT SERVICE MGR. Phone: 7178438638
Date condition Determined to Exist: 01/02/1991
Condition Location: City: RED LION State: PA

Specific Location: NOT REPORTED
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 ON MAIN LINE AND CUSTOMER SERVICE LINE.
Discovery Circumstances: LEAK WAS DETECTED OUTSIDE AND INSIDE SLAB.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: LEAK CLEARED BUT GAS READINGS REMAIN.
INVESTIGATION
CONTINUES.

Shutdown: NOT REPORTED
Date Action Taken:
Planned Follow-Up/Corrective Action: COMPANY IS MAINTAINING AROUND THE
CLOCK
SURVEILLANCE.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 01/14/1991 Region: EASTERN
Date Sent To State: 02/26/1991 State/Agency: PA PUC
OPS Representative: ROGER L. LITTLE
Date: 01/14/1991

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

Date of Follow-Up Report: 06/25/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: ON JANUARY 14, 1991 A LEAK WAS FOUND AND REPAIRED ON

A COMPANY SERVICE LINE. MONITORING CONTINUED UNTILL JANUARY 29, 1991, THE RESTAURANT WAS ALLOWED TO REOPEN A TWICE-DAILY MONITORING, DID NOT RECALL ANY HAZARDOUS CONDITION UNTIL EARLY MARCH 1991 THEN DISCONTINUED. (SEE ATTACHED LETTER).

Date Repair Completed: 01/14/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE-OUT THIS REPORT ACCORDINGLY.

Prepared by: PHILLIP

Reviewed by:

Region Chief

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

Report ID: 910003 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 01/07/1991 Date Received: 01/18/1991
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES &STDS Phone: 3046238410
Determining Person's Name: RICHARD BAUGHMAN
Title: CREW FORMAN Phone: 8145835171
Date condition Determined to Exist: 01/16/1991
Condition Location: City: MUNDERS, POLK TOWNSHIP State: PA

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: THREE INCH CRACK IN WALL OF PIPE; INITIAL EVALUATION
IS POSSIBLE STREES COROSION CRACKING.

Discovery Circumstances: LEAK REPAIR.
Significant Effects on Safety: WITHIN 200 YRARDS OF BUILDING INTENDED FOR HUMAN OCCUPANCY.
Corrective Action Taken: REPLACED APPROXIMATELY 15' OF PIPE.

Shutdown: NOT REPORTED
Date Action Taken: 01/07/1991
Planned Follow-Up/Corrective Action: FAILED SEGMENT TO UNDERGO METALURGICAL ANALYSIS.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/18/1991 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: R. LITTLE
Date: 01/18/1991

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

Date of Follow-Up Report: 01/07/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: BATELLE LAB RELEASED A REPORT TO THE OPERATOR.
IT IS

BELIEVED THAT UNLIKELY A SIMILAR CONDITION WOULD
HAPPEN AND THE OPERATOR REQUESTED TO CLOSE OUT THIS
ISOLATED OCCURRENCE ON THE PIPELINE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: AFTER REVIEWING WITH MR. JOE WOLFE, DOT/OPS, IT IS REQUESTED FOR
YOUR

CONCURRENCE TO CLOSE THIS SAFETY RELATED CONDITION REPORT.

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 12/16/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO FURTHER DEVELOPMENT. OPERATOR TRIES TO GET A
SUMMARY OF FINDINGS FROM BATELLE LAB ABD SUBMITS TO
DOT.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 11/15/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: BATELLE LAB REPORT NOT RECEIVED YET. STILL
CONDUCTING METALLURGICAL STUDY OF THE PIPE SAMPLE.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO LAB REPORT ISSUED FROM BETELLE YET. FURTHER
ACTION PENDING LAB RESULTS IF NEEDED.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 08/13/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO LAB REPORT YET. CNG STILL AWAITING RESULTS TO
DETERMINE IF FURTHER NECESSARY ACTION IS NEEDED.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: PHILLIP

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 06/12/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: CNG HASN'T GOT LAB REPORT BACK. (PIPE FAILURE ANALYSIS).

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: BOB HOLTER

Region Chief

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

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

Date of Follow-Up Report: 02/26/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: REPLACED 15 FOOT OF PIPE FAILED PIPE SENT TO LAB -
CNG IS AWAITING LAB REPORT. CNG WILL SENT REPORT TO
OPS.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BOB HOLTER

Reviewed by: BOB HOLTER

Region Chief

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

Report ID: 910004 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: 01/17/1991 Date Received: 01/18/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: E. W. KLECHKA
Title: CORROSION ENGR. COORD. Phone: 9072658096
Date condition Determined to Exist: 01/14/1991
Condition Location: City: MP 591.70 State: AK

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: PETROLEUM
Description of Condition: GENERAL CORROSION.
Discovery Circumstances: NKK PIG SURVEY.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: A 6.5 FOT PRESSURIZED SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 1034 to (PSI): 997
Shutdown: NO
Date Action Taken: 01/15/1991
Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/23/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 01/23/1991

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

Date of Follow-Up Report: 01/31/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 6.5 FOOT SLEEVE.

Date Repair Completed: 01/15/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: TERRI BINNS

Region Chief

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

Report ID: 910005 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: 01/24/1991 Date Received: 01/25/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: K.R. HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 01/21/1991
Condition Location: City: PS 9 (D7 SCAN) State: AK

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: PETROLEUM
Description of Condition: GENERAL CORROSION.
Discovery Circumstances: INSPECTION FO PUMP STATION DEAD LEG.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: A 3 FOOT STRUCTURAL SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 1096 to (PSI): 1066
Shutdown: NO
Date Action Taken: 01/22/1991
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/25/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 01/25/1991

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

Date of Follow-Up Report: 01/31/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 3-FOOT STRUCTURAL SLEEVE.

Date Repair Completed: 01/22/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910006 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: 01/24/1991 Date Received: 01/25/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: EE. W. KLECHKA
Title: CORROSION ENGR. COORDINATOR Phone: 9072658096
Date condition Determined to Exist: 01/19/1991
Condition Location: City: MP 592.54 State: AK

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: PETROLEUM
Description of Condition: GENERAL CORROSION.
Discovery Circumstances: NKK PIG SURVEY.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: A SEVEN FOOT SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 1026 to (PSI): 858
Shutdown: NO
Date Action Taken: 01/19/1991
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 01/25/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 01/25/1991

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

Date of Follow-Up Report: 01/31/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED SEVEN-FOOT GIRTH-WELDED SLEEVE.

Date Repair Completed: 01/19/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910007 Condition Number(s): 5
Operator Name: CHEVRON PIPE LINE CO OPID: 2731
Street Address: P.O.BOX 1150
City: MIDLAND State: TX ZIP: 79702

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 02/15/1991 Date Received: 02/15/1991
Reporting Official's Name: R. W. HARTIG
Title: DIVISION ENGINEER Phone: 9156877553
Determining Person's Name: R. W. HARTIG
Title: DIVISION ENGINEER Phone: 9156877553
Date condition Determined to Exist: 02/08/1991
Condition Location: City: ABILENE State: TX

Specific Location: NOT REPORTED
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: RAW STREAM LPG

Description of Condition: PRESUSRE EXCEEDED 110% OF MAXIMUM OPERATING PRESSURE.

Discovery Circumstances:

Significant Effects on Safety: LESS THAN 200 YARDS FROM PUBLIC BUILDING.

Corrective Action Taken: REPAIRS AND REPLACEMENT OF THE LINE ARE TO BEGIN IN

MARCH OF 1991 WITH PROJECT COMPLETION BY END OF 1991.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: DETAILED INVESTIGATION IS CONTINUING.

To Begin: To Be Completed By:

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

Date Sent To Region: 02/19/1991 Region: SOUTHWES

Date Sent To State: 02/19/1991 State/Agency: TX RRC

OPS Representative: ROGER LITTLE

Date: 02/19/1991

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CHEVRON REPORTS OVER PRESSURE DEVICES
INSTALLED.

Action Taken By Operator:

Date Repair Completed: 04/28/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 10/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: EXPECT TO HAVE LINE REPLACEMENTS SECTIONS
COMPLETE BY DEC. 1991 AT WHICH TIME THE LINE CAN
BE RETURNED TO ORIGINAL MOP WHICH WILL RESOLVE
THE OVERPRESSURE REPORTED FOR THIS SRC.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE.

Action Taken By Operator:

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 E. MIELY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 08/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: STATUS SAME AS LAST REPORT.

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 E. MILEY

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: STATUS SAME AS LAST REPORT.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/14/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CHEVRON TO INSTALL 3 PRESSURE CONTROL VLAVES
BY

9/20/91.

Action Taken By Operator: LETTER ADDRESSED TO SW REGION DATED 5/24/91.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 05/20/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED CHEVRON MR. HARTIG REPORTS PIPE
REPLACEMENT FOR REPAIRS WILL CONTINUE UNTIL ALL
ANOMOLIES FROM PIG RUN ARE COMPLETE. EXPECT TO
COMPLETE BY DECEMBER 1991.

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: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/23/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED OPERATOR AND WAS ADVISED THIS IS THE

SECOND LINE BUT A DIFFERENT ??? AS THE 910008
SRC. ALSO 900008.

Action Taken By Operator: SAME ACTION AS SRC 910008.

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: JC THOMAS

Region Chief

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

Report ID: 910008 Condition Number(s): 5
Operator Name: CHEVRON PIPE LINE CO OPID: 2731
Street Address: P.O.BOX 1150
City: MIDLAND State: TX ZIP: 79702

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 02/15/1991 Date Received: 02/22/1991
Reporting Official's Name: PHILLIP DEPRANG
Title: DISTRICT SUPERINTENDENT Phone: 7137547320
Determining Person's Name: FERNANDO S. GRANDA
Title: DIVISION ENGINEER Phone: 4098393117
Date condition Determined to Exist: 02/20/1991
Condition Location: City: ANGELINA COUNTY State: TX

Specific Location: NOT REPORTED
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: RAW STREAM LPG

Description of Condition: OVER PRESSURE CONDITION.

Discovery Circumstances: UNPLANNED CLOSURE OF BLOCK VALVE DURING MAJOR MAINTENANCE CAUSED OVER PRESSURE CONDITION AT FOUR LOCATIONS.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: TOTAL SYSTEM REVIEW OF OVER PRESSURE PROTECTION INCLUDING OPERATING AND MAINTENANCE PROCEDURES IS BEING CONDUCTED.

Shutdown: NO
Date Action Taken:

Planned Follow-Up/Corrective Action: SYSTEM REVIEW OF OVER PRESSURE PROTECTION

AND OPERATING AND MAINTENANCE PROCEDURES IS UNDERWAY.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 02/26/1991 Region: SOUTHWES

Date Sent To State: 02/26/1991 State/Agency: TX RRC
OPS Representative: ROGER L. LITTLE
Date: 02/26/1991

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATUS SAME AS LAST REPORT.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/14/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CHEVRON TO INSTALL 3 PRESSURE CONTROL VALVES
BY

9/20/91. THIS SRC IS IN SAME PROJECT AS 910008.

PRCHEVRON TO INSTALL 3 PRESSURE CONTROL VALVES

BY 9/20/91. THIS SRC IS IN SAME OJECT AS 910008.

Action Taken By Operator: LETTER DATED 5/24/91. LETTER DATED 5/24/91.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/14/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CHEVRON TO INSTALL 3 PRESSURE CONTROL VALVES
BY

9/20/91. THIS SRC IS IN SAME PROJECT AS 910008.

PRCHEVRON TO INSTALL 3 PRESSURE CONTROL VALVES

BY 9/20/91. THIS SRC IS IN SAME OJECT AS 910008.

Action Taken By Operator: LETTER DATED 5/24/91. LETTER DATED 5/24/91.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 05/20/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PHILLIP DEPRANG - CHEVRON HAS A MEETING WITH
CHEVRON ENGINEER TOMORROW (5/21/91) TO REVIEW
THEIR CALCULATIONS AND IDENTIFY CORECTIONS TO
SYSTEM TO PREVENT FUTURE OVER PRESSURES.

Action Taken By Operator:

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.

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

Date of Follow-Up Report: 04/23/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED OPERATOR REQUESTING ACTIONS TAKEN TO

PREVENT OVERPRESSING THE PIPELINE IN THE FUTURE.

Action Taken By Operator: OPERATOR IS REVIEWING EACH SUPPLY POINT TO DETERMINE

BEST METHOD OF STOPPING INJECTIONS WHEN THE LINE IS IN A STATIC CONDITION. ENGINEERING IS CONDUCTING A STANDBY WITH A PLAN TO PREVENT OVERPRESSURING THE SYSTEM IN THE FUTURE. RESULTS WILL BE SUBMITTED TO OPS - S.W. REGION BY MAY 24, 1991.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THIS LINE IS THE SAME LINE WHERE MAJOR REPAIRS ARE BEING COMPLETED IN

THE WESTERN SEGMENT--SEE SRC 900008.

Prepared by: NORRIS E. MILEY

Reviewed by: JC THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/11/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CALLED MIDLAND OFFICE AND ONE SECTION OR 1ST
PHASE OF PIPELINE REPAIRS HAVE BEEN COMPLETED A
ML. GILLAND PROMISED TO SEND SW REGION A LETTER
ON THE SATUS OF THIS SRC.

Action Taken By Operator:

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

Reviewed by: J.C. THOMAS

Region Chief

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

Report ID: 910009 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: INTERSTATE

Date of Report: 02/25/1991 Date Received: 02/25/1991
Reporting Official's Name: CHUCK W. JOHNSON
Title: VICE PRESIDENT - KOCH REFINING Phone: 3168327484
Determining Person's Name: RICHARD RALSTON
Title: CORROSION ENGINEER Phone: 3168328071
Date condition Determined to Exist: 02/18/1990
Condition Location: City: WAUPON State: WI

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: CRUDE OIL.

Description of Condition: DEFECTIVE GROUND BED.

Discovery Circumstances: A CORROSION ENGINEER DISCOVERED THE DEFECTIVE.
Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: GROUND BED WAS REPAIRED WITHIN THE HOUR AFTER IT WAS

DISCOVERED. OPERATING PRESSURE HAS BEEN REDUCED TWENTY PERCENT UNTIL PIG CAN BE RUN.

Shutdown: NO
Date Action Taken: 02/18/1991
Planned Follow-Up/Corrective Action: INTERNAL INSPECTION SURVEY TO BE CONDUCTED.

To Begin: To Be Completed By: 03/15/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 02/27/1991 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 02/27/1991

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted operator to determine appropriate actions.

Action Taken By Operator: Defective ground bed was repaired. Internal inspection tool has been run through the pipeline segment and appropriate repairs have been completed.

Date Repair Completed: 02/18/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: All work is complete and this SRCR should be closed.

Prepared by: Donald Moore

Reviewed by: Ivan Huntoon

Region Chief

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

Report ID: 910010 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 02/15/1991 Date Received: 03/01/1991
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES &STDS Phone: 3046238410
Determining Person's Name: RICHARD BAUGHMAN
Title: CREW FOREMAN Phone: 8145835171
Date condition Determined to Exist: 03/01/1991
Condition Location: City: RIDGEWAY State: PA

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.

Discovery Circumstances: REPORTED BY NATIONAL FUEL GAS. FIELD INVESTIGATION

REVEALED ODOR OF GAS.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: SPLIT SLEEVE INSTALLED TO REPAIR LEAK AND A BAND CLAMP WAS INSTALLED OVER A PIT.

Shutdown: NO
Date Action Taken: 02/15/1991
Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/01/1991 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: R. LITTLE
Date: 03/01/1991

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

Date of Follow-Up Report: 03/22/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED CNG.

Action Taken By Operator: INSTALLED BOLTED SPLIT SLEEVE CLAMP, CLAMP WILL NOT

BE WELDED. BAND CLAMP INSTALLED OVER LOCALIZED CORROSION PIT. PIT WAS NOT LEAKING.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SCR REPORT WAS NOT REQUIRED. 191.23 (B)(4) - REPAIRED BEFORE FILING DEADLINE.

Prepared by: BOB HOLTER

Reviewed by:

Region Chief

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

Report ID: 910011 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: 03/11/1991 Date Received: 03/12/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 03/08/1991
Condition Location: City: MP 81.27 State: AK

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: PETROLEUM
Description of Condition: GENERAL CORROSION.
Discovery Circumstances: NKK PIG SURVEY.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: TWO GIRTH WELDED SLEEVES WERE INSTALLED.

Reduced Pressure From (PSI): 864 to (PSI): 772
Shutdown: NO
Date Action Taken: 03/08/1991
Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/05/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 04/05/1991

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

Date of Follow-Up Report: 04/09/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED TWO SLEEVES - ONE 5'-0" ONE 5'-6".

Date Repair Completed: 03/08/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910012 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: 03/11/1991 Date Received: 03/12/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 03/06/1991
Condition Location: City: MP 779.47 State: AK

Specific Location: MP 779.47

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.

Discovery Circumstances: NKK PIG SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A 4 FOOT GIRTH WELDED SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 900 to (PSI): 869

Shutdown: NO

Date Action Taken: 03/08/1991

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:

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

Date Sent To Region: 04/05/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/05/1991

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

Date of Follow-Up Report: 04/10/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED FOUR-FOOT GIRTH WELDED SLEEVE.

Date Repair Completed: 03/08/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910013 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: 03/15/1991 Date Received: 03/15/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 03/10/1991
Condition Location: City: MP 785.83/.84 State: AK

Specific Location: MP 785.83/.84

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.

Discovery Circumstances: NKK PIG SURVEY

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A 9 FOOT STRUCTURAL SLEEVE WAS INSTALLED OVER ONE AREA AND A 6 FOOT GIRTH-WELDED SLEEVE IS BEING INSTALLED OVER ANOTHER AREA.

Reduced Pressure From (PSI): 887 to (PSI): 740

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:

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

Date Sent To Region: 04/05/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/05/1991

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

Date of Follow-Up Report: 04/10/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 9-FOOT & SIX-FOOT GIRTH WELDED SLEEVES.

Date Repair Completed: 03/16/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910014 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: 04/04/1991 Date Received: 04/04/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 04/02/1991
Condition Location: City: MP 756.79 State: AK

Specific Location: MP 756.79

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.

Discovery Circumstances: NKK PIG SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A FOUR FOOT GIRTH-WELDED STRUCTURAL SLEEVE IS PLANNED.

Reduced Pressure From (PSI): 847 to (PSI): 801

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:

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

Date Sent To Region: 04/05/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/05/1991

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

Date of Follow-Up Report: 04/12/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 4-FOOT GIRTH WELDED SLEEVE.

Date Repair Completed: 04/10/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910015 Condition Number(s): 1
Operator Name: EL PASO NATURAL GAS COMPANY OPID: 4280
Street Address: P. O. BOX 1492
City: EL PASO State: TX ZIP: 79978

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/15/1991 Date Received: 03/18/1991
Reporting Official's Name: DONALD R. PAYNE
Title: MGR, SOUTH REGION ENGINEERING Phone: 9155415399
Determining Person's Name: ALAN D. EASTMAN
Title: ADMIN, QUALITY ASSURANCE Phone: 9155419215
Date condition Determined to Exist: 03/11/1991
Condition Location: City: WILLCOX-SAFFORD LINE State: AZ

Specific Location: MP 47.99 TO MP 51.903 GRAHAM COUNTY, ARIZONA
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: STRESS CORROSION

Discovery Circumstances: LEAKAGE SURVEY REVEALED CONDITION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: OPERATING PRESSURE WAS LOWERED UNTIL LINE IS REPLACED.

Reduced Pressure From (PSI): 700 to (PSI): 200

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE TO BE REPLACED.

To Begin: 04/18/1991 To Be Completed By: 05/18/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/08/1991 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: ROGER L. LITTLE
Date: 04/08/1991

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FINAL FOLLOW-UP REPORT WAS FAXED ON 8/16/91.

Action Taken By Operator:

Date Repair Completed: 07/03/1991

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: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 08/16/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MONITORED BY S. OF AZ. FILED 8/8/91 THAT PIPE
REPLACEMENT WAS COMPLETE.

Action Taken By Operator: REPLACED PIPE & HYDRO TESTED TO 100% SMYS MAOP
SET

AT 837 PSIG OR 46% SMYS.

Date Repair Completed: 07/03/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: NORRIS E. MILAND

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 08/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: STATE OF ARIZONA IS MONITORING THIS SRC - THEY REPORTED THE PROJECT IS COMPLETED AND WILL FILL A FOLLOW-UP REPORT. WE WILL FORWARD INFO UPON RECEIPT.

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 E. MILEY

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 06/19/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: SITE VISIT TO SAFFORD ARIZONA WHERE EL PASO NATURAL GAS COMPANY IS REPLACING 3.9 MILES OF 8" STEEL PIPELINE (2105 LINE). CHECKED WELDED PROCEDURES AND CERTIFICATION OF CONTRACT WELDERS. REPLACEMENT 80% COMPLETE TO DATE 3 WELDS REPAIRED AND 1 CUT OUT.

Action Taken By Operator: REPLACEMENT OF 3.9 MILE OF 8" STEEL PIPELINE WITH 8" X -42B .188 WALL COATED PIPE. 100% X-RAY OF JOINT WELDS. SUSPECTED AREAS OF LEAKS CUT OUT IN APPROX. 10 FOOT SECTIONS TO BE SENT TO LABORATORY FOR EVALUATION. REPLACEMENT OF THE 3.9 MILES SHOULD BE COMPLETE BY THE END OF JUNE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DAN WEAKLEND

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/14/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PIPE REPLACEMENT MONTH OF JUNE.

Action Taken By Operator: REPLACE PIPELINE.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 05/20/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CHUCK HUDSON - AZ PL SAFETY REPORTS EL PSO
REPORTS PIPE REPLACEMENT WILL COMMENCE 1ST WEEK
IN JUNE. CONTINUING TO MONITOR LEAKS.

Action Taken By Operator:

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.

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

Date of Follow-Up Report: 04/02/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED OPERATOR (MR. DONALD PAYNE) BY TELEPHONE ON APRIL 2, 1991, IN REGARDS TO (PIPELINE 2105) WILLCOX - SAFFORD PIPELINE CONFIRMED THAT OPERATING PRESSURE HAS BEEN REDUCED TO 200 PSI AND THAT WEEKLEY SURVEY IS BEING CONDUCTED.

Action Taken By Operator: PIPELINE PRESSURE LOWERED FROM 700 PSI TO 200 PSI. PIPELINE IS BEING LEAK SURVEYED WEEKLY. DETECTABLE LEAKS HAVE BEEN REDUCED FROM TWENTY SEVEN-CLASS THREE LEAKS TO TWENTY THREE-CLASS THREE LEAKS. REPLACEMENT START DATE FOR THE PIPELINE (3.9 MILES) WILL BE THE FIRST WEEK OF JUNE 1991.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: ANY ENFORCEMENT ACTION WILL BE FEDERAL COT NOT STATE AGENCY.

Prepared by: DAN WEAKLAND

Reviewed by: J.C. THOMAS

Region Chief

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

Report ID: 910016 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: 03/12/1991 Date Received: 03/12/1991
Reporting Official's Name: JOHN WM. CASKEY
Title: CODE COMPLIANCE ENGR. Phone: 7138537325
Determining Person's Name: AL VANDARWARKA
Title: TECH II CORROSION Phone: 4024944271
Date condition Determined to Exist: 03/06/1991
Condition Location: City: BLAIR State: NE

Specific Location: 275 FT. EAST OF CENTERLINE OF 27TH ST.
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

Discovery Circumstances: GAS LEAK DETECTION SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: LEAK WAS REPAIRED WITH A 30" LONG, .280" WALL, GRADE B SLEEVE

Shutdown: NOT REPORTED

Date Action Taken: 03/06/1991

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 04/08/1991 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: ROGER L. LITTLE
Date: 04/08/1991

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

Date of Follow-Up Report: 04/11/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CENTRAL REGION OFFICE CONTRACTED ENRON TO DETERMINE EXTENT OF CORROSION AND CAUSE OF CORROSION. ALSO TO VERIFY THAT THE REPAIR SLEEVE WAS A FULL ENCIRCLEMENT WELDED SLEEVE.

Action Taken By Operator: REPAIRED 1/16" DIA. CORROSION LEAK WITH A 0.280" WALL, GRADE B SLEEVE ON 3/6/91 (30" LONG). CONDITION APPEARED TO BE CAUSED BY A LEAKING ABANDONED SEWER LINE OVER THE PIPE. INVESTIGATION DISCLOSED THAT THE CORROSION WAS LOCALIZED TO A SMALL ARE WHERE THE SEWER WAS LEAKING.

Date Repair Completed: 03/06/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: ROLLAND L. MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

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

Report ID: 910017 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: 03/27/1991 Date Received: 03/28/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 03/25/1991
Condition Location: City: MP 752.51 State: AK

Specific Location: MP 752.51

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.

Discovery Circumstances: NKK PIG SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A 7 FOOT FIRTH-WELDED STRUCTURAL SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 1010 to (PSI): 891

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:

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

Date Sent To Region: 04/08/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/08/1991

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

Date of Follow-Up Report: 04/10/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 7-FOOT FIRTH WELDED

Date Repair Completed: 03/27/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910018 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: 04/01/1991 Date Received: 04/03/1991
Reporting Official's Name: CHARLES D. DAVIDSON
Title: VICE PRESIDENT OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 03/28/1991
Condition Location: City: MP 79.54 State: AK

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: PETROLEUM
Description of Condition: GENERAL CORROSION.
Discovery Circumstances: NKK PIG SURVEY
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: AN 8 FT STRUCTURAL SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 877 to (PSI): 862
Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/08/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 04/08/1991

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

Date of Follow-Up Report: 04/10/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 8-FOOT GIRTH WELDED SLEEVE.

Date Repair Completed: 03/29/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910019 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: 04/09/1991 Date Received: 04/11/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: KIRK HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 04/04/1991
Condition Location: City: PUMP STA 11 State: AK

Specific Location: PUMP STA. 11, 36" SUCTION RELIEF
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

Discovery Circumstances: ROUTINE INSPECTION REVEALED CORROSION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PRESSURE WAS REDUCED UNTIL REPAIRS CAN BE COMPLETED.

REPAIR IS SCHEDULED FOR APRIL 15, 1991.

Reduced Pressure From (PSI): 901 to (PSI): 818

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A 4 " SLEEVE IS TO BE INSTALLED

To Begin: 04/15/1991 To Be Completed By: 04/15/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/11/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 04/11/1991

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

Date of Follow-Up Report: 05/13/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 4" STRUCTURAL SLEEVE VERIFIED BY
TELEPHONE, BILL FLAUCHERS 5/15/91.

Date Repair Completed: 04/15/1991

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: E. J. ONDAK

Region Chief

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

Report ID: 910020 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: 04/10/1991 Date Received: 04/10/1991
Reporting Official's Name: THEO L. POLASEK
Title: VICE PRESIDENT Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 04/05/1991
Condition Location: City: MP 756.80 State: AK

Specific Location: MP 756.80

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.

Discovery Circumstances: NKK PIG SURVEY

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A 12-FOOT GIRTH WELDED STRUCTURAL SLEEVE IS TO BE INSTALLED BY 4-12-91

Reduced Pressure From (PSI): 847 to (PSI): 772

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SLEEVE TO BE INSTALLED

To Begin: 04/11/1991 To Be Completed By: 04/12/1991

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

Date Sent To Region: 04/11/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/11/1991

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

Date of Follow-Up Report: 05/13/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 12 FOOT GIRTH WELDED STRUCTURAL SLEEVE -

VERIFIED BY TELEPHONE BILL FLANDERS 5/15/91

Date Repair Completed: 04/12/1991

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: E. J. ONDAK

Region Chief

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

Report ID: 910021 Condition Number(s): 6,8
Operator Name: WISCONSIN GAS CO. OPID: 22763
Street Address: 626 E. WISCONSIN AVE.
City: MILWAUKEE State: WI ZIP: 53205

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/09/1991 Date Received: 04/10/1991
Reporting Official's Name: GREGORY B. SCHROEDER
Title: PLANNING ENGINEER Phone: 4142916729
Determining Person's Name: JAMES ANGRICK
Title: MGR. STAFF OPERATIONS Phone: 4142916601
Date condition Determined to Exist: 04/02/1991
Condition Location: City: MILWAUKEE State: WI

Specific Location: N 76TH ST. 1500 FT NORTH OF W. NORTHRIDGE LAKES BLVD
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (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: LEAK ON 20 " STEEL PIPELINE OPERATING AT 165 PSIG.

Discovery Circumstances: LEAK DETECTION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: COUPLING AND ADJACENT VALVE TO BE RELOCATED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: COUPLING AND ADJACENT VALVE TO BE RELOCATED.

To Begin: To Be Completed By:

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

Date Sent To Region: 04/16/1991 Region: CENTRAL

Date Sent To State: 04/16/1991 State/Agency: WI PSC

OPS Representative: ROGER L. LITTLE

Date: 04/16/1991

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

Date of Follow-Up Report: 08/14/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MONITORED ACTION BY THE OPERATOR TO CORRECT THE

CONDITION.

Action Taken By Operator: THE COUPLING THAT WAS LEAKING WAS REPLACED AND MOVED

TO A DIFFERENT LOCATION. DURING THE PERIOD OF LOCATION THE LEAK WAS DISCOVERED AND BEFORE IT WAS REPAIRED, THE PRESSURE WAS IN THE LINE WAS REDUCED FROM 175PSI TO APPROXIMATELY 35PSI.

Date Repair Completed: 04/16/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: TOM STEMSICH

Reviewed by: IVAN A. HUNTOON

Region Chief

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

Report ID: 910022 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: 04/16/1991 Date Received: 04/16/1991
Reporting Official's Name: ALAN M. KILPATRICK
Title: PROJECT ENGINEER Phone: 5048934951
Determining Person's Name: KURT REGULSKI
Title: SR. ENGINEER Phone: 5048934951
Date condition Determined to Exist: 04/03/1991
Condition Location: City: FRANKLINTON State: LA

Specific Location: MP 101.89(20" DUCK LAKE LINE)
Occurred on Outer Continental Shelf: YES

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.

Discovery Circumstances: CORROSION PITTING ON METER STATION PIPING
DISCOVERED DURING PIPE SUPPORT REPLACEMENT

Significant Effects on Safety: NONE REPROTED

Corrective Action Taken: WELDED FULL ENCIRCLEMENT SLEEVE REPAIR
SCHEDULED FOR
WEEK OF 4-8-1991

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: SLEEVE TO BE INSTALLED

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/16/1991 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 04/16/1991

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

Date of Follow-Up Report: 07/20/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MONITORED BY NORRIS E MILOY. ACCEPTED REPORT
FROM MR. KILPATRICK

Action Taken By Operator: ALAN KILPATRICK REPORTS METER RUN HEADERS
REPLACED

AND THE MAOP RETURNED TO 1200 PSI.

Date Repair Completed: 07/09/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: COMPLETES SRC.

Prepared by: NORRIS E MILOY

Reviewed by: NORRIS E MILOY

Region Chief

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

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

Date of Follow-Up Report: 07/02/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE IN STATUS

Action Taken By Operator: WAITING ON MATERIALS

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/03/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: MR ALAN KILPATRICK REPORTS NO CHANGE IN STATUS.

STILL WAITING FOR THE MATERIALS TO FINISH THE JOB.

Action Taken By Operator: MATERIALS ON ORDER.

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: MORRIS E MILEY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: MATERIALS ORDERED. EXPECT TO COMPLETE
PROJECT IN

MAY 1992.

Action Taken By Operator:

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 10/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE TO REPORT.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 08/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO CHANGE IS STATUS.

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:

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: STATUS SAME AS LAST REPORT.

Action Taken By Operator: REPAIRS SCHEDULED FOR 1992.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 05/17/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE IN STATUS OF PROJECT.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/22/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED ALAN KILPATRICK. HE CONFIRMED ACTIONS

REPORTED ON SRC. THERE ARE TWO AREAS OF CORROSION ON THE REPORT 1 - CORR. ON METER RUNS CORRECTION BY FULL ENCIRCLEMENT SLEEVES & 2 - CORROSION ON HEADERS-SCHEDULED FOR REPLACEMENT IN JAN OR FEB. 1992.

Action Taken By Operator: MAOP HAS BEEN REDUCED TO 1100 PSIG, UNTIL HEADERS ARE REPLACED IN 192. THEN THE MAOP WILL BE RETURNED TO THE 1200 PSIG RATING - DUCT LAKE METER .

Date Repair Completed: 02/01/1992

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: J.C. THOMAS

Region Chief

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

Report ID: 910023 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: 04/23/1991 Date Received: 04/23/1991
Reporting Official's Name: ALAN M. KILPATRICK
Title: PROJECT ENGINEER Phone: 5048934951
Determining Person's Name: ALAN M. KILPATRICK
Title: PROJECT ENGINEER Phone: 5048934951
Date condition Determined to Exist: 04/19/1991
Condition Location: City: FRANKLINTON State: LA

Specific Location: MP 127.4 ON 24" MAIN PASS-FK 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: GENERAL CORROSION.

Discovery Circumstances: CORROSION PITTING ON METER STATION PIPING
DISCOVERED DURING PIPE SUPPORT REPLACEMENT.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: SCHEDULE REPLACEMENT OF METER RUN HEADERS FOR
JAN/FEB

1992 FOR RETURN TO 1200 PSIG OPERATION. MOP WAS
REDUCED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACEMENT OF METER RUN HEADERS
JAN/FEB

1992

To Begin: To Be Completed By:

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

Date Sent To Region: 04/25/1991 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/25/1991

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

Date of Follow-Up Report: 07/20/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NORRIS E MILOY ACCEPTED REPORT FROM MR.
KILPATRICK.

Action Taken By Operator: ALAN KILPATRICK REPORTS METER RUNS REPLACED
AND THE

MAOP RETURNED TO 1200 PSI.

Date Repair Completed: 07/09/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: NORRIS E MILOY

Reviewed by: NORRIS E MILOY

Region Chief

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

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

Date of Follow-Up Report: 07/02/1992

Further Follow-Up Reports Forthcoming:

Action Taken by Region/State: NO CHANGE IN STATUS

Action Taken By Operator: WAITING ON MATERIALS

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/03/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: MR ALAN KILPATRICK REPORTS NO CHANGES TO REPORT.

MATERIAL TO MAKE THE REPAIRS ARE ON ORDER.

Action Taken By Operator: MATERIALS ON ORDER.

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: MORRIS E MILEY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: MATERIALS ORDERED. EXPECT TO COMPLETE
PROJECT IN

MAY 1992.

Action Taken By Operator:

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 10/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE TO REPORT.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 08/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO CHANGE IN STATUS.

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 E. MILEY

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: STATUS SAME AS JUNE REPORTS.

Action Taken By Operator: REPAIRS SCHEDULED FOR 1992.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/14/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: COMPLETION DATA FOR SRC IS JAN./FEB. 1992. SAME
SCHEDULE FOR SRC 910023.

Action Taken By Operator: NONE.

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.

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

Date of Follow-Up Report: 05/17/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE IN STATUS OF PROJECT.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/26/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PHONED MR. KILPATRICK AND HE ADVISES THAT AN ENGINEER HAS BEEN ASSIGNED TO THE PROJECT
COMPLETION DATE JAN/FEB 1992.

Action Taken By Operator: FOUND CORROSION PITS 200 MILES IN .812" WALL PIPE -
GRADE B. REDUCED PRESS TO COMPLY WITH REMAINING WALL
THICKNESS.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

Report ID: 910024 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: 04/19/1991 Date Received: 04/22/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 04/16/1991
Condition Location: City: MP 52.54 State: AK

Specific Location: MP 52.54

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.

Discovery Circumstances: NKK PIG SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: TWO STURCTURAL SLEEVES WERE INSTALLED.

Reduced Pressure From (PSI): 817 to (PSI): 697

Shutdown: NO

Date Action Taken: 04/19/1991

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:

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

Date Sent To Region: 04/25/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 04/25/1991

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

Date of Follow-Up Report: 05/17/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED TWO SLEEVES: 1) 19'0". 2) 21'0".

Date Repair Completed: 04/19/1991

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: E.J. ONDAK

Region Chief

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

Report ID: 910025 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: 05/02/1991 Date Received: 04/30/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 04/25/1991
Condition Location: City: MP 12.17 State: AK

Specific Location: mp 12.17

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.

Discovery Circumstances: NKK PIG SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: A STRUCTURAL SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 1032 to (PSI): 1030

Shutdown: NO

Date Action Taken: 04/25/1991

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:

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

Date Sent To Region: 05/01/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 05/01/1991

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

Date of Follow-Up Report: 05/13/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 5'-0" GIRTH WELDED SLEEVE.

Date Repair Completed: 04/25/1991

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: E.J. ONDAK

Region Chief

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

Report ID: 910026 Condition Number(s): 2
Operator Name: CONSTITUTION GAS TRANSPORT CO., INC. OPID: 5
Street Address: 10 WEST BROADWAY SUITE 700 CLIFT BLDG.
City: SALT LAKE CITY State: UT ZIP: 84101

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/03/1991 Date Received: 05/03/1991

Reporting Official's Name: JEFF CHURCH

Title: GENERAL MANAGER

Phone: 6143736591

Determining Person's Name: SAME AS ABOVE

Title:

Phone:

Date condition Determined to Exist: 04/26/1991

Condition Location: City: WARREN TOWNSHIP

State: OH

Specific Location: NW 1/4 SECTION 24 TINR9W

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: EARTH MOVEMENT BELOW PIPELINE ALONG A RIDGE

Discovery Circumstances: ROUTINE LINE PATROL

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PIPELINE WAS SHUT DOWN ON 5-1-91. WORK SCHEDULE TO BEGIN MAY 6, 1991 TO REROUTE 100 FT AROUND THE UNSTABLE GROUND.

Shutdown: YES

Date Action Taken: 05/01/1991

Planned Follow-Up/Corrective Action: LINE TO BE REROUTED.

To Begin: 05/06/1991 To Be Completed By: 05/10/1991

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

Date Sent To Region: 05/06/1991 Region: CENTRAL

Date Sent To State: 05/06/1991 State/Agency: OH PUC

OPS Representative: ROGER LITTLE

Date: 05/06/1991

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

Date of Follow-Up Report: 05/13/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: PIPELINE WAS SHUTDOWN ON MAY 1, 1991. NINE HUNDRED FEET OF 3 INCH PLASTIC PIPELINE WAS RELOCATED 250 FEET FROM SLIP AREA TO ELIMINATE POSSIBILITY OF RECURRENCE.

Action Taken By Operator:

Date Repair Completed: 05/10/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THE SPECIFIC LOCATION OF THE SAFETY RELATED CONDITION IS IN WASHINGTON

COUNTY, WARREN TOWNSHIP OFF STATE ROUTE 7, ONE HALF MILE WEST OF SR 7 ON

COUNTY ROAD 3, APPROXIMATELY 1000 FEET NORTH OF CR 3, PARALLEL WITH CR

3. THE EFFECTIVE PIPELINE WITH CR 3. THE EFFECTIVE PIPELINE IS A 3 INCH PLASTIC (PR 3408-SDR11) NATURAL GAS TRANSMISSION LINE THAT OPERATES AT 58 PSIG.

Prepared by: CHRISTOPHER ALBERT.

Reviewed by:

Region Chief

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

Report ID: 910027 Condition Number(s): 6
Operator Name: PACIFIC GAS & ELECTRIC CO. OPID: 26135
Street Address: 123 MISSION ST. RM. 1521
City: SAN FRANCISCO State: CA ZIP: 94106

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/24/1991 Date Received: 05/03/1991
Reporting Official's Name: WILLIAM R. MAZOTTI
Title: VP GAS & ELEC TECH. SVS. Phone: 4159736998
Determining Person's Name: F. VALLOT
Title: GAS CONSTR. SUPERVISOR Phone: 4156953258
Date condition Determined to Exist: 04/24/1991
Condition Location: City: SAN FRANCISCO State: CA

Specific Location: NORTHWEST CORNER OF VAN NESS AND O'FARRELL
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: 5 LOWER EXPLOSIVE LIMIT (LEL) UPRIGHT TRAFFIC
SIGNAL

BOX.

Discovery Circumstances: ANNUAL LEAK SURVEY

Significant Effects on Safety: NONE AT THIS TIME.

Corrective Action Taken: VENTED

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PERMANENT REPAIR

To Begin: 04/24/1991 To Be Completed By: 05/07/1991
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/07/1991 Region: WESTERN
Date Sent To State: 05/07/1991 State/Agency: CAPUC
OPS Representative: ROGER L. LITTLE
Date: 05/07/1991

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

Date of Follow-Up Report: 06/14/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: INVESTIGATED DELAYS. ATTEMPT TO REDUCE REPAIR
TIME IN FUTURE. SEE ATTACHED LETTER.

Action Taken By Operator: REVIEW PROCEDURES WITH REPAIR PEOPLE.

Date Repair Completed: 05/07/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: AL KIRCHEM

Reviewed by:

Region Chief

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

Report ID: 910028 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: 04/24/1991 Date Received: 05/03/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 04/29/1991
Condition Location: City: MP 106.89 State: AK

Specific Location: MP 106.89
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.
Discovery Circumstances: NKK PIG SURVEY.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: A STRUCTURAL SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 1120 to (PSI): 1040
Shutdown: NO
Date Action Taken: 04/30/1991
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/07/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 05/07/1991

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

Date of Follow-Up Report: 05/13/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED 17.5' STRUCTURAL SLEEVE.

Date Repair Completed: 04/30/1991

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:

Region Chief

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

Report ID: 910029 Condition Number(s): 4
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: 05/08/1991 Date Received: 05/08/1991
Reporting Official's Name: DENNIS JOHNSTON
Title: STAFF ENGINEER Phone: 4048412368
Determining Person's Name: BRUCE LYDA
Title: INSPECTOR Phone: 8035425770
Date condition Determined to Exist: 05/02/1991
Condition Location: City: BELMONT State: NC

Specific Location: STA 1067+17 36" #2 MAINLINE
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: NOT GIVEN

Description of Condition: .281 WALL PIPE BUCKLED APPROXIMATELY 8" FROM
JUNCTURE OF .438 WALL PIPE AT A CASING END. DAMAGE
OCCURED DURING ORIGINAL CONSTRUCTION IN 1962.

Discovery Circumstances: CALIPER PIG SURVEY

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PIPE SECTION TO BE REPAIRED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PIPE SECTION WILL BE CUT OUT AT A TIME IN
THE NEAR FUTURE.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/09/1991 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 05/09/1991

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

Date of Follow-Up Report: 09/02/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MADE FOLLOW UP CALLS TO DETERMINE THE STATUS OF

REPAIRS WORK. (8/29, 9/2/91).

Action Taken By Operator: REMOVED BUCKLED PIPE, REPLACED 10 FEET SEGMENT OF

PIPE WITH 36 SIZE, 375" WT & X 52 PIG X-RAYED THE IN WELDS.

Date Repair Completed: 07/15/1991

Resulted in Incidents After Report: NO

Date of Incident: 05/02/1991

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: STATION NO. 1067+17, BELMONT, NC.: 36", #2 MAINLINE, .281" WALL, BUCKLED

APPROXIMATELY 8" FROM JUNCTURE OF .438 WALL PIPE AT A CASING END. DAMAGE

OCCURRED DURING ORIGINAL CONSTRUCTION IN 1962. THE DAMAGED LINE SECTION

WAS EXCAVATED DUE TO RESULTS FROM A CALIPER PIG.

Prepared by: MOHAMMED SHOAIB

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 910030 Condition Number(s): 2
Operator Name: CARNEGIE NATURAL GAS COMPANY OPID: 2104
Street Address: 800 REGIS AVE
City: PITTSBURGH State: PA ZIP: 15238

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/06/1991 Date Received: 05/09/1991

Reporting Official's Name: DUANE R. DISHONG
Title: SR. ENGINEER Phone: 4126558510

Determining Person's Name: PAUL W. BECKER
Title: DIVISION SUPT. Phone: 4124610458

Date condition Determined to Exist: 04/29/1991
Condition Location: City: CITY OF DUQUESNE State: PA

Specific Location: SECTION OF M-77 16 INCH MAIN BETWEEN KENNYWOOD BLVD.
AND

WHITAKER METALS

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: HILLSIDE IS ENVELOPED IN AN ACTIVE DEEP SLIP WITH
ABRUPT LAND SURFACE ELEVATIONS.

Discovery Circumstances: ROUTINE LINE MAINTENANCE PROCEDURES

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: LINE HAS BEEN ISOLATED BY CLOSING 2 MAINLINE
VALVES.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: GAS FLOW WILL BE MAINTAINED AT 60 PSIG
VS. CURRENT 200 PSIG; LINE TO BE REPLACED
WITH AN 8.625 OD .322 WALL STEEL MAIN

To Begin: To Be Completed By: 06/28/1991

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

Date Sent To Region: 05/09/1991 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 05/09/1991

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: A LETTER DATED 6/10/91 (RECEIVED 6/14/91 BY OPS)
SUBMITTED TO CLOSE OUT THE REPORT. THE 8-INCH ABOVE
GROUND SECTION OF PIPE HAS BEEN IN PLACE ON 6/4/91
OPERATING AT 60 PSIG PRESSURE. THIS SECTION (300-400
FT) IS SUBJECT TO ALL REQUIRED MAINTENANCE PROGRAM.

Date Repair Completed: 06/04/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE OUT THIS SAFETY RELATED CONDITION REPORT.

Prepared by: PHILLIP

Reviewed by:

Region Chief

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

Report ID: 910031 Condition Number(s): 2
Operator Name: COLUMBIA GAS OF OHIO, INC OPID: 2596
Street Address: 200 CIVIC CENTER DRIVE
City: COLUMBUS State: OH ZIP: 43216-0117

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/07/1991 Date Received: 05/13/1991
Reporting Official's Name: STEPHEN L. HEBENSTREIT
Title: CLAIMS MANAGER Phone: 6144604656
Determining Person's Name: JAKE M. KOEBEL
Title: AREA MANAGER Phone: 6144460823
Date condition Determined to Exist: 05/03/1991
Condition Location: City: MIDDLEPORT State: OH

Specific Location: OHIO STATE RT #7, ~ 2500' NORTH OF MEIGS AND GALLIA
COUNTY LINE

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: EARTH MOVEMENT CAUSED A ROCK SLIDE PUTTING
STRESS ON

PLASTIC GAS MAIN

Discovery Circumstances: NOT GIVEN

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: SERVICE DISCONTINUED UNTIL DAMAGED PIPE WAS
REPLACED.

Shutdown: YES

Date Action Taken: 05/03/1991

Planned Follow-Up/Corrective Action: DAILY THEN WEEKLY SURVEILLANCE FOR
NEXT

30 DAYS TO MONITOR FURTHER EXTERNAL
STRESS ON THE FACILITIES.

To Begin: To Be Completed By:

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

Date Sent To Region: 05/16/1991 Region: CENTRAL

Date Sent To State: 05/16/1991 State/Agency: OH PUC

OPS Representative: ROGER L. LITTLE

Date: 05/16/1991

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

Date of Follow-Up Report: 08/15/1990

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MONITORING COMPANY TO ASSURE THAT SURVEILLANCE

IS BEING MADE UNTL ALL INDICATIONS OF EXTERNAL STRESS TO THEIR FACILITIES NO LONGER EXIST.

Action Taken By Operator: INSTALLED AN EMERGENCY FLOW VALVE UPSTREAM OF THE

AREA OF THE SAFETY RELATED CONDITION. LEAKAGE SURVEILLANCE OVER THE SECTION OF MAIN AND SERVICES EVERY DAY FROM DATE OF SAFETY RELATED CONDITION DISCOVERED TOMAY 17, THEN THREE TIMES A WEEK UNTIL EARTH MOVEMENT STOPS.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SAFETY RELATED CONDITION ON A SECTION OF 1-1/4" STEEL AND PLASTIC GAS

MAIN. THE SYSTEM MAOP IS 13 PSIG WITH A TOTAL OF 27 SERVICES. THERE HAS

BEEN THREE FAILURES ON THIS SYSTEM FROM THE TIME OF DISCOVERY: TWO

PULL-OUTS ON THE MAIN AND ONE ON A SERVICE. NO INDICATION OF LEAKAGE HAS

BEEN FOUND SINCE MAY 24.

Prepared by: CHRISTOPHER ALBERT

Reviewed by:

Region Chief

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

Report ID: 910032 Condition Number(s): 1
Operator Name: TEXACO EXPLORATION & PRODUCTION, INC OPID: 19233
Street Address: P.O. BOX 61050
City: NEW ORLEANS State: LA ZIP: 70161-1050

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 05/13/1991 Date Received: 05/19/1991
Reporting Official's Name: R. J. SAVOY
Title: OFFSHORE REG & COMPL. MGR Phone: 5045248511
Determining Person's Name: D.M. SUBIK
Title: PIPELINE ENGINEER Phone: 5045951022
Date condition Determined to Exist: 05/09/1991
Condition Location: City: VERMILION BLOCK 380 State: LA

Specific Location: VERMILION BLOCK 380 'A' PLATFORM
Occurred on Outer Continental Shelf: YES

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: HYDROCARBON OIL

Description of Condition: GENERAL CORROSION

Discovery Circumstances: ROUTINE CORROSION SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: LINE TO BE REPAIRED MAY 21, 1991

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE TO BE REPAIRED BY 5/21/1991

To Begin: To Be Completed By: 05/21/1991

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

Date Sent To Region: 05/21/1991 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: ROGER L. LITTLE

Date: 05/21/1991

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: MICHAEL BEAMS - REPORTS REPAIRS COMPLETED - JUNE
1991.

Date Repair Completed: 06/04/1991

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: J.C. THOMAS

Region Chief

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

Report ID: 910033 Condition Number(s): 5
Operator Name: BALTIMORE GAS AND ELECTRIC CO. OPID: 3
Street Address: P.O. BOX 1475
City: BALTIMORE State: MD ZIP: 21203

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/05/1991 Date Received: 06/06/1991
Reporting Official's Name: L.J. FOSLER
Title: GENERAL SUPERVISOR Phone: 3012914543
Determining Person's Name: M.A. POMETTO
Title: PRINCIPAL ENGINEER Phone: 3012914549
Date condition Determined to Exist: 05/30/1991
Condition Location: City: OWINGS MILLS State: MD

Specific Location: REAR OF 10,320 REISTERSTOWN RD.
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: NATURAL GAS

Description of Condition: INLET PIPING TO BG&E REGULATORS WAS SUBJECTED TO
A

600 PSIG PRESSURE SPIKE

Discovery Circumstances: PRESSURE SPIKE WAS DETECTED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: AFFECTED PIPING WAS VISUALLY INSPECTED

Shutdown: NO

Date Action Taken: 05/31/1991

Planned Follow-Up/Corrective Action: PIPING WILL BE HYDRO TESTED TO 700 PSIG
IN CONJUNCTION WITH A MAJOR CONSTRUCTION
PROJECT TESTING TO OCCUR IN JULY OR
AUGUST 1991

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/07/1991 Region: EASTERN
Date Sent To State: 06/07/1991 State/Agency: MD PSC
OPS Representative: ROGER L. LITTLE

Date: 06/07/1991

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

Date of Follow-Up Report: 10/15/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: INVESTIGATION REVEALED THE FOLLOWING INFORMATION: ON MAY 30, 1991, A LIGHTENING STRIKE SET FIRE TO CONTROL LINES ON THE MONITOR REGULATORS OF THE COLUMBIA GAS CORPORATION'S GATE STATION AT OWINGS MILLS, MARYLAND. IN ORDER TO CUT THE SUPPLY OF GAS TO THE FIRE, A BYPASS VALVE WAS OPENED. THERE WAS A PRESSURE SPIKE UPON INITIAL OPENING OF THE VALVE OF 600 PSI. SINCE OPERATOR COULD NOT PREVENT THE OVERPRESSURE CONDITION, NO ACTION WILL BE TAKEN BY THE STATE.

Action Taken By Operator: AFTER INITIALLY OVER-PRESSURING THE GATE STATION PIPING, THE VALVE WAS USED TO THROTTLE BACK THE PRESSURE TO 300 POUNDS OF PRESSURE. AFTERWARDS THE AFFECTED PIPING WAS VISUALLY INSPECTED. ONLY PIPING IN THE GATE STATION PROPERTY WAS AFFECTED WHICH INVOLVED LESS THAN 100 FEET OF PIPING. NO CUSTOMER PIPING OR PIPING IN THE RIGHT-OF-WAY WAS AFFECTED. THE PIPING ALSO WAS SUBSEQUENTLY HYDROSTATICALLY TESTED AND MAOP WAS ESTABLISHED AT 436 PSI.

Date Repair Completed: 08/01/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: ALEX J DANKOVICH MD PSC

Reviewed by:

Region Chief

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

Report ID: 910034 Condition Number(s): 2
Operator Name: LONE STAR GAS COMPANY OPID: 11680
Street Address: 301 S. HARWOOD
City: DALLAS State: TX ZIP: 75201

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/14/1991 Date Received: 06/14/1991
Reporting Official's Name: ALTON GATES
Title: DISTRICT SUPERINTENDENT Phone: 8175922191
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 06/11/1991
Condition Location: City: CLAY CO State: TX

Specific Location: LINE T, STA. NO. 529+58
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 OF THE RED RIVER CAUSED SEVERE
DAMAGE TO THE PIPELINE BRIDGE STRUCTURE.

Discovery Circumstances: NOT GIVEN.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: LINE REMOVED FROM SERVICE PENDING REPAIR.

Shutdown: YES

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: 06/20/1991 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 06/20/1991

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

Date of Follow-Up Report: 04/30/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR SOLD PL TO OKLA NAT GAS. THE RIVER
CROSSING

INVOLVED IN THE SRC WAS REMOVED FROM SERVICE & 2 NAW
CROSSING INSTALLED BY BORING UNDER THE RED RIVER.

Date Repair Completed: 01/14/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 10/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE IN STATUS. LINE OUT OF SERVICE UNTIL
REPAIRS ARE COMPLETED.

Action Taken By Operator: BIDS FOR REPAIR ARE TO BE SUBMITTED IN NOVEMBER
1991.

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.

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ALTOM GATES OF LONE STAR REPORTS RIVER
CROSSING

OUT OF SERVICE OK. NATURAL GAS NOW OWNS X-ING.

Action Taken By Operator: OK. NATURAL TO TAKE BIDS IN NOVEMBER FOR REPAIRS.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 08/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO CHANGE IN STATUS.

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 E. MILEY

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE IN STATUS - LINE IS STILL OUT OF SERVICE. OKLA-NATURAL GAS PURCHASED CROSSING FROM LONE STAR GAS.

Action Taken By Operator: ALTON GASES OR OKLA.NAT.GAS (JOHN BARRY) WILL KEEP

JET APPRAISED ON PLANS & DATES.

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

Report ID: 910035 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: 06/19/1991 Date Received: 06/19/1991
Reporting Official's Name: DENNIS JOHNSTON
Title: STAFF ENGR. Phone: 4048412368
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 06/13/1991
Condition Location: City: ATLANTA State: GA

Specific Location: LINE 14 STA NO. 858+13
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: NOT GIVEN

Description of Condition: GENERAL CORROSION.

Discovery Circumstances: INTERNAL INSPECTION SURVEY

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: MAXIMUM OPERATING PREESSURE REDUCED TO 960 PSI
(37%

SMYS)

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NOT REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/20/1991 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: G. TOM FORTNER
Date: 06/20/1991

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

Date of Follow-Up Report: 02/24/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED THE STATUS REPORTS OF REPLACEMENT WORK

ON A PERIODIC BASIS. INSPECTED THE CONSTRUCTION SITE ON 8/31 & 9/4/92 AND EVALUATED REPLACEMENT PROGRESS.

Action Taken By Operator: ON 12/12/92, COLONIAL PIPELINE HAS COMPLETED THE INSTALLATION OF 12.5 MILES OF 12 INCH SIZE PIPELINE TO REPLACE THE GENERALLY CORRODED 8 INCH JET FUEL LINE TO HARTSFIELD AIRPORT IN ATLANTA,GA. THE OLD 12.5 MILES OF 8 INCH LINE HAS BEEN ABANDONED AND THE PRODUCT PURGED WITH NITROGEN.

Date Repair Completed: 12/12/1992

Resulted in Incidents After Report: NO

Date of Incident: 06/13/1991

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: AS A RESULT OF INTERNAL INSPECTION SURVEY,THE 12.5 MILES OF 8 INCH PIPELINE WAS REPLACED BY 12 INCH SIZE PIPELINE TO INCREASE EFFICIENCY & THROUGHPUT.

Prepared by: MOHAMMED SHOAIB

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

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

Date of Follow-Up Report: 09/02/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: MADE FOLLOW UP CALLS TO THE OPERATOR TO DETERMINE THE STATUS OF REMEDIAL ACTION. (8/29 , 9/02/91).

Action Taken By Operator: THE MAIMUM OPERATING PRESSURE ON THE AFFECTED PIPELINE HAS BEEN REDUCED TO 960 PSI, WHICH IS 80% OF NORMAL OPERATING PRESSURE OR 37% OF SMYS. LINE #14 RUNS FORM ATLANTA JUNCTION TO HARTS FIELD AIRPORT AND APPROXIMATELY 10-12 MILE OF THIS PIPELINE BETWEEN CHATANOOCHEE DELIVERY ??? & BEN HILL IS GENERALLY CORRODED. THE OPERATOR WILL REPLACE 10-12 MILES OF THIS PIPELINE SEGMENT BY DEC. 1992.

Date Repair Completed: 12/01/1992

Resulted in Incidents After Report: NO

Date of Incident: 06/13/1991

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: STATION NO. 858+13, ATLANTA, GA.: LINE 14, 8" SIZE PIPE, .322 WT WAS FOUND TO BE IN GENERALLY CORRODED CONDITION. THE PIPELINE WAS EXPOSED TO

MAKE A CONFIRMATION DIG FOR AN INTERNAL INSPECTION SURVEY. THE INTERNAL

INSPECTION SURVEY WAS CONDUCTED IN 5/91. PROPOSED REMEDIAL ACTION: AFTER

REDUCTING ITS MAX. OP TO 37% SMYS, THE OPERATOR IS GOING TO REPLACE

10-12 MILES OF LINE #14 BY DEC. 92. THE SOUTHERN REGION WILL MAKE A FOLLOW UP ON A PERIODIC BASIS.

Prepared by: MOHAMMED SHOAIB

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 910036 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: 06/21/1991 Date Received: 06/21/1991
Reporting Official's Name: CYRUS W. HARPER
Title: SENIOR ENGINEER Phone: 5048934951
Determining Person's Name: SAME AS ABOVE.
Title: Phone:
Date condition Determined to Exist: 06/17/1991
Condition Location: City: BOOTHVILLE State: LA

Specific Location: SNG'S OLGA COMPRESSOR STATION 4.8 MI. NNE OF
BOOTHVILLE

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 DISCOVERED AT 3 LOCATIONS AT
COMPRESSOR STATION: ON A 12" RISER, A 16" RISER AND
A 20" RISER.

Discovery Circumstances: CORROSION DISCOVERED DURING ROUTINE CLEANING

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PRESSURE REDUCED PENDING REPAIR

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A SLEEVE TO BE INSTALLED AT EACH RISER.

To Begin: To Be Completed By: 06/22/1991

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

Date Sent To Region: 06/21/1991 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 06/21/1991

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REPAIRS COMPLETED ON 6/2/91 - BACK IN NORMAL
OPERATION. REPAIRS COMPLETED ON 6/21/91 - BACK
IN NORMAL OPERATIONS.

Action Taken By Operator:

Date Repair Completed: 06/21/1991

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: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 07/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REPAIRS COMPLETED ON 6/2/91 - BACK IN NORMAL
OPERATION. REPAIRS COMPLETED ON 6/21/91 - BACK
IN NORMAL OPERATIONS.

Action Taken By Operator:

Date Repair Completed: 06/21/1991

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: J.C. THOMAS

Region Chief

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

Report ID: 910037 Condition Number(s): 1
Operator Name: LONE STAR GAS COMPANY OPID: 11680
Street Address: 301 S. HARWOOD
City: DALLAS State: TX ZIP: 75201

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 06/28/1991 Date Received: 06/28/1991
Reporting Official's Name: M. E. ENGLISH
Title: GENERAL SUPERINTENDENT Phone: 8175922191
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 06/27/1991
Condition Location: City: GRAYSON CO. State: TX

Specific Location: LINE E1(10") STA. # 49+53 CROSSING OF RACoon CREEK AT
STA. NO. 5/1000

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 WITHIN 220 YARDS OF A RESIDENCE
GENERAL CORROSION

Discovery Circumstances: SCHEDULED PIPELINE PATROL CALIPER PIG
DETERMINED

ANOMALY

Significant Effects on Safety: NONE REPORTED NONE REPORTED

Corrective Action Taken: TEMPORARY REPAIR JUNE 25; 3 BOLT ON CLAMPS
INSTALLED.

PRESSURE DERATED; INSPECTION TO BE SCHEDULED; PIPE TO
BE REMOVED AND REPLACED.

Shutdown: NO

Date Action Taken: 06/25/1991

Planned Follow-Up/Corrective Action: APPROX. 150 FEET OF PIPE WILL BE REPLACED
PIPE TO BE REPLACED.

To Begin: To Be Completed By: 10/01/1991

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

Date Sent To Region: 07/11/1991 Region: SOUTHWES

Date Sent To State: 07/11/1991 State/Agency: TX RC

OPS Representative: ROGER LITTLE

Date: 07/11/1991

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

Date of Follow-Up Report: 10/01/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: This SRC is an intrastate operator and monitored
by the TEXAS RAILROAD COMM. Our records show the
SRC completed 8/30/91.

Action Taken By Operator:

Date Repair Completed: 08/30/1991

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: J.C. Thomas

Region Chief

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

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

Date of Follow-Up Report: 10/09/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: TRC REPORTS NO CHANGE IN STATUS OF THIS SRC.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C.THOMAS

Region Chief

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

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE.

Action Taken By Operator:

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 E. MILEY

Reviewed by: J.C. THOMAS

Region Chief

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

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

Date of Follow-Up Report: 07/28/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED LSG, MR. N.E. ENGLISH

Action Taken By Operator: PERMANENT REPAIRS ARE SCHEDULED FOR OCTOBER 1, 1991.

TEMPORARY REPAIRS WERE MADE ON 6/25/91 BY INSTALLING
BOLT CLAMPS.

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:

Reviewed by:

Region Chief

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

Report ID: 910038 Condition Number(s): 1
Operator Name: SUN REFINING & MARKETING CO OPID: 18779
Street Address: P.O. BOX 426
City: MARCUS HOOK State: PA ZIP: 19061

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/17/1991 Date Received: 07/17/1991
Reporting Official's Name: RAYMOND G. TOTO
Title: OPERATIONS SUPERINTENDENT Phone: 2154471431
Determining Person's Name: DAVID B. MEADOWS
Title: ENGR. SUPERVISOR Phone: 3159755856
Date condition Determined to Exist: 07/15/1991
Condition Location: City: LOGAN TOWNSHIP State: NJ

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: PETROLEUM PRODUCTS
Description of Condition: NOT REPORTED
Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: NONE

Reduced Pressure From (PSI): 450 to (PSI): 300
Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 07/19/1991 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER L. LITTLE
Date: 07/19/1991

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

Date of Follow-Up Report: 01/15/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPAIR BY A NEW PIPE REPLACEMENT AT THE DAMAGED AREA

WAS COMPLETED. OPERATOR SENT IN A REQUEST TO CLOSE THIS SRCR.

Date Repair Completed: 12/02/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE THIS REPORT.

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 12/16/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: BRIAN MELAN FROM SUN UPDATED REPAIR AS FOLLOWS
- THE

LINE WAS REPAIRED BY A 5-FT NEW PRE-TESTED PIPE
(WITH SAME SPECS) ON 11/22/91 AND THE LINE WAS PUT
BACK IN SERVICE 12/2/91. A CLOSE OUT REPORT WILL BE
SENT TO OPS NEXT MONTH TO REQUEST TO CLOSE OUT THIS
SRCR.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 11/14/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: THE LINE WAS OUT OF SERVICE AS SCHEDULED BEFORE.
SOME CONSTRUCTION DIFFICULTIES EXPERIENCED WITH THE
TIDE. NEW ESTIMATED COMPLETION DATE END OF NOVEMBER
1991.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: THE LINE IS SCHEDULED FOR SHUTDOWN 10/18-19/91,
PURGING AND TURN OVER TO CONTRACTORS FOR INSPECTION
AND REPAIRS DURING WEEK OF 10/23/91. ESTIMATED
REPAIR TIME: 2-3 WEEKS.

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: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 08/13/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: ESTIMATED TO HAVE A CONTRACTOR DOING INSPECTION

(UNDERWATER PORTION BY DIVERS) FIRST WEEK OF SEPTEMBER 91. PIPE IS 6" 0.0, 0.189" WT., GRADE B, OP=450 PSI. PRESSURE IS AT REDUCED OF 300 PSI.

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

Reviewed by:

Region Chief

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

Report ID: 910039 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: 07/19/1991 Date Received: 07/19/1991

Reporting Official's Name: WILLIAM R. HUFF
Title: ENGINEER Phone: 5048934951

Determining Person's Name: SAME AS ABOVE.

Title: Phone:
Date condition Determined to Exist: 07/16/1991
Condition Location: City: NEW HEBRON State: MS

Specific Location: SNG'S GWINVILLE C/S, 12 MILES SE OF NEW HEBRON, MS,
JEFFERSON DAVIS COUNTY MP. 78.0

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

Discovery Circumstances: DISCOVERED DURING PIPE SUPPORT REPLACEMENT

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: A SLEEVE IS TO BE INSTALLED

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A FULL ENCIRCLEMENT WELDED SLEEVE WILL
BE

INSTALLED

To Begin: 07/23/1991 To Be Completed By: 07/25/1991

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

Date Sent To Region: 07/22/1991 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 07/22/1991

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

Date of Follow-Up Report: 08/05/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALED OPERATOR ON 7/24/91 TO CHECK STATUS OF REPAIRS. OPERATOR STATED THAT REPAIRS WERE CURRENTLY BEING DONE TODAY. THEY WILL NOTIFY THIS OFFICE WHEN COMPLETED.

Action Taken By Operator: RAISED P/L OFF STAND AND WELDERS INSTALLED FULL ENCIRCLEMENT SLEEVE ON PIPE.

Date Repair Completed: 07/23/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NONE.

Prepared by: BENNIE ANDREWS

Reviewed by: FREDERICK A JOYNER

Region Chief

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

Report ID: 910040 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: 07/12/1991 Date Received: 07/16/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: KIRK R. HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 07/10/1991
Condition Location: City: PUMP STA. 10, 16" PUMP State: AK

Specific Location: PUMP ST. 10, 16" BOOSTER PUMP DISCHARGE
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

Discovery Circumstances: ONGOING PUMP STATION CORROSION INSPECTION PROGRAM

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: SLEEVE TO BE INSTALLED BY JULY 13, 1991

Reduced Pressure From (PSI): 688 to (PSI): 625

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SLEEVE TO BE INSTALLED

To Begin: 07/13/1991 To Be Completed By: 07/13/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/22/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 07/22/1991

**** 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: 07/13/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE E. HANSEN

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 910041 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: 07/19/1991 Date Received: 07/22/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: KIRK R. HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 07/19/1991
Condition Location: City: PUMP STA. 8, 36"DISCHARGE State: AK

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: PETROLEUM

Description of Condition: GENERAL CORROSION

Discovery Circumstances: INTERNAL CORROSION PITTING DISCOVERED AS PART OF ONGOING CORROSION INSPECTION PROGRAM.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PRESSURE WAS REDUCED PENDING INSTALLATION OF STRUCTURAL SLEEVE.

Reduced Pressure From (PSI): 1064 to (PSI): 1048
Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SLEEVE TO BE INSTALLED.

To Begin: To Be Completed By: 07/26/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/25/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 07/25/1991

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

Date of Follow-Up Report: 08/05/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 40" STRUCTURAL SLEEVE

Date Repair Completed: 07/26/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE E HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

Report ID: 910042 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/23/1991 Date Received: 07/23/1991
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES &STDS Phone: 3046238410
Determining Person's Name: JAMES FULLER
Title: UTILITYMAN Phone: 8145835171
Date condition Determined to Exist: 07/22/1991
Condition Location: City: CORSICA State: PA

Specific Location: 12" LN-10 491+60 1 1/2 MILES EAST OF CORSICA, JEFFERSON
CO.

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

Discovery Circumstances: EMPLOYEE WAS WALKING LINE

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: INSTALLED BOLTED SPLIT SLEEVE OVER AREA OF PITS TO
REPAIR LEAK.

Shutdown: NO

Date Action Taken: 07/22/1991

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

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

Date Sent To Region: 07/25/1991 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: R. LITTLE

Date: 07/25/1991

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

Date of Follow-Up Report: 08/22/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR MADE PERMANENT REPAIR BY BOLTED SPLIT
SLEEVE ON PIPE.

Date Repair Completed: 07/17/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE OUT THIS SAFETY RELATED CONDITION REPORT.
ATTACHED:

LETTER FROM CNG TRANSMISSION DATED 8/15/91.

Prepared by: PHILLIP

Reviewed by:

Region Chief

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

Report ID: 910043 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: 07/26/1991 Date Received: 07/26/1991

Reporting Official's Name: CYRUS W. HARPER II
Title: SR. ENGINEER Phone: 5048934951

Determining Person's Name: SAME AS ABOVE.

Title: Phone:

Date condition Determined to Exist: 07/22/1991

Condition Location: City: JEFFERSON DAVIS CO. State: MS

Specific Location: MP. 67.954 FRANKLINTON-GWINVILLE P/L

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.

Discovery Circumstances: DISCOVERED WHILE REPLACING PIPE SUPPORTS ON ABOVE

GROUND STATION PIPING.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: CORROSION EFFECTED PIPING TO BE REPLACED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PIPING TO BE REPLACED.

To Begin: 07/29/9191 To Be Completed By:

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

Date Sent To Region: 07/29/1991 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 07/29/1991

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

Date of Follow-Up Report: 08/29/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MADE FOLLOWUP CALLES TO THE OPERATOR AS
TOTHE

DISPOSITION OF THE SAFETY RELATED CONDITIONS.

Action Taken By Operator: REPLACED INLET & OUTLET HEADERS WITH LOCALIZED
EXTERNAL CORROSION & PLACED BACK IN SERVICE ON
8/19/91.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: M.P: 67.954: THE INLET & OUTLET HEADERS AT THE METERING STATION
WAS

REPLACED & THE STATION WAS BACK IN SERVICE ON 8/19/91.

Prepared by: MOHAMMED SHOAIB

Reviewed by: FREDERICK A JOYNER

Region Chief

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

Report ID: 910044 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: 07/29/1991 Date Received: 08/02/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 07/24/1991
Condition Location: City: PUMP STA. 8 State: AK

Specific Location: PUMP STA. 8, LINE 38-1-3FT-36
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

Discovery Circumstances: ROUTINE CORROSION INSPECTION

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PRESSURE REDUCED PENDING REPAIR

Reduced Pressure From (PSI): 1064 to (PSI): 1053

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SLEEVES TO BE INSTALLED

To Begin: To Be Completed By: 08/03/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/02/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 08/02/1991

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

Date of Follow-Up Report: 08/26/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALL TWO STRUCTURAL SLEEVES PS 8.

Date Repair Completed: 08/02/1991

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: EDWARD E. ONDAK

Region Chief

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

Report ID: 910045 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: 08/19/1991 Date Received: 08/19/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 08/13/1991
Condition Location: City: PS 2 SCAN 02D007I&J State: AK

Specific Location: LINE # 32-1-1002FT-36" IN. THE ABOVE GROUND D2 LEG IN
DISCHARGE PRESSURE SERVICE.

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.

Discovery Circumstances: ANALYSIS OF UT DATA.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: SLEEVES TO BE INSTALLED.

Reduced Pressure From (PSI): 1096 to (PSI): 1072

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A STRUCTURAL SLEEVE IS TO BE INSTALLED AT
THE SUBJECT LOCATION.

To Begin: To Be Completed By: 09/09/1991

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

Date Sent To Region: 08/20/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 08/20/1991

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

Date of Follow-Up Report: 08/26/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALL STRUCTURAL SLEEVE PS2.

Date Repair Completed: 08/13/1991

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: EDWARD E. ONDAK

Region Chief

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

Report ID: 910046 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: 08/09/1991 Date Received: 08/13/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: KIRK R. HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 08/09/1991
Condition Location: City: PS 2 SCAN 02D007 State: AK

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: PETROLEUM
Description of Condition: NOT REPORTED
Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: NONE

Reduced Pressure From (PSI): 1096 to (PSI): 1003
Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By: 08/16/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/13/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 08/13/1991

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

Date of Follow-Up Report: 09/17/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE.

Action Taken By Operator: INSTALLED TWO STRUCTURAL SLEEVES.

Date Repair Completed: 09/04/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE

Reviewed by: EDWARD E. ONDAK

Region Chief

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

Report ID: 910047 Condition Number(s): 1
Operator Name: GULF INTERSTATE ENERGY, INC. OPID: 26044
Street Address: 4 WHITEHEAD PLAZA, 748 SPRINGDALE DRIVE
City: EXTON State: PA ZIP: 19341

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/12/1991 Date Received: 08/12/1990
Reporting Official's Name: C. G. KERSCH
Title: P/L MAINTENANCE SUPERINTENDENT Phone: 2153231112
Determining Person's Name: C.G. KERSCH
Title: P/L MAINTENANCE SUPERINTENDENT Phone: 2153231112
Date condition Determined to Exist: 08/07/1991
Condition Location: City: PERKIOMEN TOWNSHIP State: PA

Specific Location: MP 33.07(1746+17)
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: NO. 6 & NO 2 OIL
Description of Condition: GENERAL CORROSION
Discovery Circumstances: NONE GIVEN.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: PIPE TO BE REPLACED IN 1992.

Reduced Pressure From (PSI): 1440 to (PSI): 1271
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: 08/20/1991 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER L. LITTLE
Date: 08/20/1991

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

Date of Follow-Up Report: 06/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: repair completed 5/13/92 - 79 ft new pipe was
installed (see the attached records)

Date Repair Completed: 05/13/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE OUT THIS SAFETY RELATED CONDITION REPORT.

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 04/13/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: THE LINE IS SCHEDULED FOR REPLACEMENT
CONSTRUCTION

IN FIRST WEEK OF MAY 92 ON PIPELINE EVACUATION TASK
IS SCHEDULED LAST WEEK OF APRIL 92 WITH REPLACEMENT
OF A BENDS DURING WEEK OF 5/11/92 AT MILES POST 33
02.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 03/13/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: LINE IS STILL DOWN FOR FIELD REPAIR. PRESUMABLY ON
APRIL-MAY 92 2 SECTIONS TO BE REPLACED AND BRING
BACK INTO SERVICE.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 01/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: OPERATOR TENTATIVELY SCHEDULED REPAIR WORK
MID

FEBRUARY 92.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 12/16/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: STILL SCHEDULED FOR REPLACEMENT IN EARLY 1992.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 11/18/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO CHANGE FROM LAST MONTH REPORT. STILL SCHEDULED

FOR REPLACEMENT IN EARLY 1992.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO CHANGE FROM LAST MONTHLY UPDATE. STILL SCHEDULED

FOR PIPE REPLACEMENT IN 1992 (EARLY MAYBE).

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 09/19/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO HCANGES FROM FIRST REPORT LAST MONTH 91. THE
18"

OD PIPELINE (WITH 0.375" W.T.; X 52 YIELD) STILL
ACTIVE WITH THE REDUCED MAOP OF 1271 PSI (THE
SHUTDOWN PRESSURE AT STATION IS SET AT 1000 PSI).

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

Reviewed by:

Region Chief

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

Report ID: 910048 Condition Number(s): 1
Operator Name: UNITED GAS PIPE LINE CO. OPID: 20230
Street Address: 600 TRAVIS STREET
City: HOUSTON State: TX ZIP: 77251-1478

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/19/1991 Date Received: 08/19/1991
Reporting Official's Name: B. G. HOOD
Title: DISTRICT MANAGER Phone: 9036935172
Determining Person's Name: R. B. CONLY
Title: DIR. ENGINEERING SERVICES Phone: 7132294537
Date condition Determined to Exist: 08/13/1991
Condition Location: City: LATEX C.S. TO FORT WORTH State: TX

Specific Location: GUTHRIE PARK, LONGVIEW 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: NATURAL GAS

Description of Condition: GENERAL CORROSION.

Discovery Circumstances: ROUTINE MAINTENANCE FOR LEAK REPAIR

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PIPE REPLACED

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/20/1991 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 08/20/1991

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

Date of Follow-Up Report: 09/10/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: SRC CORRECTED BEFORE IT WAS FILED.

Action Taken By Operator:

Date Repair Completed: 08/16/1991

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: J.C. THOMAS

Region Chief

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

Report ID: 910049 Condition Number(s): 4
Operator Name: EAST TENNESSEE NATURAL GAS CO. OPID: 1
Street Address: 8200 KINGSTON PIKE
City: KNOXVILLE State: TN ZIP: 37919-5494

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/14/1991 Date Received: 08/15/1991
Reporting Official's Name: WILLIAM H. LOWRY
Title: MANAGER, TECH. SERVICES Phone: 6156933501
Determining Person's Name: DAVID L. MIZE
Title: ENGR. SUPERVISOR Phone: 6156933501
Date condition Determined to Exist: 08/12/1991
Condition Location: City: HOHENWALD State: TN

Specific Location: APPROX. .3 MILES EAST (DOWNSTREAM OF P/L CROSSING AT
HANNAH RD); 2 FT WEST;STA#1800+16;LINE# 3200-1

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: DAMAGE TO BODY OF PIPE PROBABLY CAUSED BY LIGHTNING

Discovery Circumstances: OPERATOR WAS NOTIFIED BY PROPERTY OWNER OF LIGHTNING STRIKE

Significant Effects on Safety: POTENTIAL FOR PIPE TO LEAK/RUPTURE

Corrective Action Taken: NONE REPORTED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: REPLACEMENT OF PIPE PLANNED FOR 08/24/91

To Begin: To Be Completed By:

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

Date Sent To Region: 08/22/1991 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: ROGER L. LITTLE

Date: 08/22/1991

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

Date of Follow-Up Report: 08/29/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED THE OPERATOR TO FIND OUT ABSENT THE FIND

DISPOSITION OF SAFETY RELATED CONDITIONS ON
8/29/91.

Action Taken By Operator: THE OPERATOR REPLACED 11.8 FEET OF 16-MILES SIZE
PIPE ON 8/24/91.

Date Repair Completed: 08/24/1991

Resulted in Incidents After Report: NO

Date of Incident: 08/02/1991

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: PIPE REPLACED: 8/24/91. M.P: 3203-1+3.84: REMOVED 11.6 FEET OF DAMAGED
SECTION AND REPLACED IT BY NON PRETESTED PIPE.

Prepared by: MOHAMMED SHOAIB

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 910050 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: 09/03/1991 Date Received: 09/04/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: KIRK R. HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 08/29/1991
Condition Location: City: PS 6 SCAN 06D007 State: AK

Specific Location: LINE #36-1-401FT-36"-IH
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

Discovery Circumstances: ANALYSIS OF UT DATA

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: SLEEVE WAS INSTALLED

Reduced Pressure From (PSI): 1096 to (PSI): 982

Shutdown: NO

Date Action Taken: 08/31/1991

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

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

Date Sent To Region: 09/11/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 09/11/1991

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED STRUCTURAL SLEEVE 4.24 FT LONG.

Date Repair Completed: 08/31/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: TERRI BENZ

Region Chief

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

Report ID: 910051 Condition Number(s): 4
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE.
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/10/1991 Date Received: 09/10/1991
Reporting Official's Name: J. O. LOKER
Title: MGR. TECHNICAL STDS. Phone: 3043572767
Determining Person's Name: BILL PERRY AND PAUL CASEY
Title: SUPERVISOR CORROSION Phone: 2166474322
Date condition Determined to Exist: 09/04/1991
Condition Location: City: NORWALK State: OH

Specific Location: 500' EAST OF STATE ROAD 250 NE OF TOWN OF NORWALK, LINE
D-12

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: LINE SCRAPED AND FLATTENED IN TOP AREA OF PIPE BY
EARTH MOVING EQUIPMENT OPERATED BY 3RD PARTY.

Discovery Circumstances: NOT REPORTED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PRESSURE LOWERED UNTIL EFFECTED PIPE CAN BE
REPLACED.

Reduced Pressure From (PSI): 270 to (PSI): 150

Shutdown: NO

Date Action Taken: 09/04/1991

Planned Follow-Up/Corrective Action: 65 FOOT SECTION OF PIPE TO BE REPLACED

To Begin: 09/09/1991 To Be Completed By: 09/13/1991

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

Date Sent To Region: 09/11/1991 Region: CENTRAL

Date Sent To State: 09/11/1991 State/Agency: OH PUC

OPS Representative: ROGER L. LITTLE

Date: 09/11/1991

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: SINCE INCIDENT INVOLVED PHYSICAL DAMAGE TO PIPELINE OR A THIRD PARTY DAMAGE VERIFIED TO PROVE THAT COLUMBIA HAS A GOOD ONE CALL SYSTEM AND/OR DAMAGE PREVENTION PROGRAM. PIPELINE WAS NOT MARKED PRIOR TO EXCAVATION DUE TO VERY SHORT NOTICE. THE NEAREST LINE MARKER WAS WITHIN 300-400 FEET TO POINT OF INCIDENT.

Action Taken By Operator: REPLACED 77' OF THE DAMAGED PORTION OF THE EXISTING

PIPELINE WITH 16" O.D. X 0.281" WALL THICKNESS, GRADE X-60 COATED PIPE. THE NORMAL OPERATING PRESSURE OF THE PIPELINE (270 PSIG) HAS BEEN REINSTATED 9/13/91.

Date Repair Completed: 09/12/1991

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THE SUBCONTRACTOR, A.J. RILLEY, INC., LOCATED ON RT.4 AND S.R. 18 EAST

IN NORWALK, OHIO 44857, ON SEPTEMBER 3, 1991 CONTACTED COLUMBIA VIA THE

ONE CALL SYSTEM "O.U.P.S.". THE TIME OF CONTACT WAS RECORDED BY THE

"O.U.P.S." MACHINE PRINT OUTS TO BE 8:10 A.M. ON 09/03/91 AND THE CONTRACTOR HAD SCHEDULED TO START WORK AT 8:30 A.M. ON THE SAME DAY. IN

ADDITION TO THIS DILEMMA, THE EXCAVATION NOTICE WENT TO THE WRONG

COLUMBIA OFFICE. IT WENT TO COLUMBIA GAS DISTRIBUTION DISTRICT OFFICE IN

NORWALK, OHIO INSTEAD OF COLUMBIA GAS TRANSMISSION OFFICE IN MEDINA,

OHIO WHO OWNS AND OPERATES THE PIPELINE.

Prepared by: VICTOR C ORNAMEH

Reviewed by: IVAN A HOUSTON

Region Chief

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

Report ID: 910052 Condition Number(s): 1
Operator Name: ENSTAR NATURAL GAS CO. OPID: 4483
Street Address: 3000 SPENARD RD.
City: ANCHORAGE State: AK ZIP: 99519-0288

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/16/1991 Date Received: 09/16/1991
Reporting Official's Name: DREW SMITH
Title: SR. ENGINEER Phone: 9072643744
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 09/11/1991
Condition Location: City: NOT GIVEN State: AK

Specific Location: TESORO REFINERY PROPERTY: MP 0.3
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.

Discovery Circumstances: CATHODIC PROTECTION SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: INVESTIGATION CONTINUING; REPAIR PLAN TO BE PREPARED

WHEN INVESTIGATION IS COMPLETE.

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: 09/24/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER L. LITTLE

Date: 09/24/1991

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

Date of Follow-Up Report: 10/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: REPLACED 2 - 120' SECTIONS OF 8" PIPE - STILL HAVING PROBLEMS WITH LOW PONTENTIALS IN THE REPLACEMENT SECTIONS. INSTALLED ANODES BUT HAVE NOT FINISHED BACKFILLING.

Date Repair Completed: 10/02/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: TERRI BENZ

Region Chief

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

Report ID: 910053 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/16/1991 Date Received: 09/16/1991
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES &STDS Phone: 3046238410
Determining Person's Name: RICHARD BAUGHMAN
Title: CREW FOREMAN Phone: 8145835171
Date condition Determined to Exist: 09/10/1991
Condition Location: City: CORCICA State: PA

Specific Location: APPROX. 1 MILE NORTH OF CORCICA, JEFFERSON CO.
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 CAUSED CORROSION LEAK ON PIPELINE

OPERATED AT 20% OR MORE OF SMYS.

Discovery Circumstances: AERIAL PATROL REPORTED LEAK.

Significant Effects on Safety: WITHIN 220 YARDS OF BUILDING INTENDED FOR HUMAN OCCUPANCY

Corrective Action Taken: PERMANENT REPAIRS COMPLETED ON 9/10/91 BY INSTALLING

A BOLTED SPLIT SLEEVE OVER THE COUPLING.

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: 09/24/1991 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: R. LITTLE

Date: 09/24/1991

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: INSTALL A BOLTED SPLIT SLEEVE ON LOCALIZED FITTING

AREA (12" LINE 10 AT STATION 423 & 41) AS A PERMANENT REPAIR. LINE 10 HAS A MAOP = 475 PSI.

Date Repair Completed: 09/10/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE OUT THIS SRCR.

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

Report ID: 910054 Condition Number(s): 1
Operator Name: CENTRAL FLORIDA PIPELINE CORP OPID: 2190
Street Address: 1904 HEMLOCK ST.
City: TAMPA State: FL ZIP: 33605

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/19/1991 Date Received: 09/20/1991
Reporting Official's Name: EDDIE R FOSTER
Title: MANAGER Phone: 8132482148
Determining Person's Name: A. H. SMITH, JR.
Title: INSPECTOR Phone:
Date condition Determined to Exist: 09/19/1991
Condition Location: City: HAINES CITY State: FL

Specific Location: HAINES COURT WHEEL COUNT 282,445
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 FUEL

Description of Condition: GENERAL CORROSION.

Discovery Circumstances: SMART PIG SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: NEW SECTION OF PIPE WELDED IN.

Shutdown: NO

Date Action Taken: 09/19/1991

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/24/1991 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 09/24/1991

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

Date of Follow-Up Report: 10/03/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MADE FOLLOW-UP PHONE CALLS TO THE OPERATOR REGARDING THE PERMANENT REPAIR OF THIS UNIDENTIFIABLE ANOMALY. REVIEWED OPERATORS REPAIR REPORT AND DISCUSSED THE FINDINGS WITH J. PASTERNAK, CENTRAL FLORIDA'S OPERATION MANAGER.

Action Taken By Operator: A PERMANENT REPAIR IS MADE BY REPLACING 6' SECTION

OF 10' LINE SHOWING GENERAL CORROSION THE DISPOST PIT WAS .025" THICK.

Date Repair Completed: 09/18/1991

Resulted in Incidents After Report: NO

Date of Incident: 09/18/1991

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MOHAMMAD SHOAIB
Reviewed by: FREDERICK A. JOYNER
Region Chief

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

Report ID: 910055 Condition Number(s): 1
Operator Name: KANSAS POWER AND LIGHT COMPANY OPID: 10040
Street Address: 818 KANSAS AVE
City: TOPEKA State: KS ZIP: 66601

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/30/1991 Date Received: 09/30/1991
Reporting Official's Name: HANS E. MERTENS
Title: VICE PRESIDENT Phone: 8163465575
Determining Person's Name: LARRY FISCHER
Title: DIRECTOR, W. TRANSMISSION Phone: 3166726861
Date condition Determined to Exist: 09/25/1991
Condition Location: City: KINGMAN COUNTY State: KS

Specific Location: AT & SF RAILROAD CROSSING, SW 1/4 SECTION 6, TOWNSHIP 28
SOUTH, RANGE 8 WEST

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 16" LONG X 0.230" DEEP CORROSION PIT ON THE
CARRIER PIPE AT THE AT & SF RAILROAD CROSSING.
PIPELINE IS A 16" O.D. - 0.375" W.T. , BARE STEEL,
1930 VINTAGE LINE.

Discovery Circumstances: CHECKING FOR ELECTRICAL ISOLATION

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PRESSURE REDUCED UNTIL SEGMENT CAN BE REPLACED
UNDER

RAILROAD CROSSING.

Reduced Pressure From (PSI): 327 to (PSI): 100

Shutdown: NO

Date Action Taken: 09/25/1991

Planned Follow-Up/Corrective Action: PIPELINE SEGMENT WILL BE REPLACED UNDER
RAILROAD CROSSING

To Begin: 10/10/1991 To Be Completed By: 10/31/1991

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

Date Sent To Region: 10/01/1991 Region: CENTRAL

Date Sent To State: 10/01/1991 State/Agency: KCC

OPS Representative: ROGER L. LITTLE

Date: 10/01/1991

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

Date of Follow-Up Report: 12/23/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE MONITORING PROGRESS OF THE REPLACEMENT.

Action Taken By Operator: ON NOVEMBER 6, 1991, KPL COMPLETED. REPLACEMENT OF

CASING PIPES AND 1028'-16" CARRIER PIPE.

Date Repair Completed: 11/06/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: RALPH B HANDLIN

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 910056 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: 09/26/1991 Date Received: 09/30/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 09/24/1991
Condition Location: City: MP 415.51 State: AK

Specific Location: MP 415.51

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

Discovery Circumstances: FOLLOW-UP FROM 1990 CORROSION DISCOVERY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PROPOSED TO REINVESTIGATE IN 1992: NO PROPOSED
CORRECTIVE ACTION

Reduced Pressure From (PSI): 1163 to (PSI): 1146

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NO REPAIR PLANNED AT THIS TIME

To Begin: To Be Completed By:

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

Date Sent To Region: 10/02/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 10/02/1991

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

Date of Follow-Up Report: 08/12/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: CORROSION HAS REANALYZED USING THE RSTRENG
METHOD

AND NO FURTHER ACTION IS REQUIRED PER THIS ANALYSIS.
REGION NOTIFIED.

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: BRUCE HANSEN

Reviewed by: EDWARD J. ONDAK

Region Chief

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

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

Date of Follow-Up Report: 07/13/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: FOLLOWUP

Action Taken By Operator: ADDITIONAL CORROSION INVESTIGATION SCHEDULED FOR

LATE AUGUST.

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: BRUCE HANSON

Reviewed by: JACK C OVERLY

Region Chief

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

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

Date of Follow-Up Report: 06/01/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: FOLLOW UP

Action Taken By Operator: WILL REINSPECT PRESSURE RESTRICTED SECTION USING
RSTRENG CRITERIA - ALYESKA PRODUCTS SAFETY RELATED
CONDITIONS NON APPLICABLE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: "SEE ACTION"!!

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDATA

Region Chief

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

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: FOLLOW UP INSPECTION

Action Taken By Operator: HAS PROJECT TO ABANDON SECTION OF PIPE, OPERATING
UNDER REDUCED PRESSURE, PROBABLY COMPLETED 2 MONTHS
APPROXIMATELY.

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 E HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: FOLLOW UP INSPECTION

Action Taken By Operator: HAS PROJECT TO ABANDON SECTION OF PIPE, OPERATING
UNDER REDUCED PRESSURE, PROBABLY COMPLETED 2 MONTHS
APPROXIMATELY.

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 HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

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

Date of Follow-Up Report: 10/08/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: REDUCED PRESSURE FROM 1163 TO 1146 PSIG - WILL DO
ADDITIONAL INSPECTION.

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: BRUCE E HANSON

Reviewed by: TERRI BENZ

Region Chief

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

Report ID: 910057 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: 09/30/1991 Date Received: 10/01/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: KIRK R. HASTAIN
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 09/09/1991
Condition Location: City: PUMP STA 5 State: AK

Specific Location: PUMP STA. 5, LINE 35-1-3FT-36-1h
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

Discovery Circumstances: CORROSION INSPECTION PROGRAM

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PRESSURE LOWERED; PIPE TO BE REMOVED IN 1992.

Reduced Pressure From (PSI): 860 to (PSI): 847

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: ISOLATION AND REMOVAL FROM SERVICE OF
ENTIRE PIPE SECTION DURING 1992
CONSTRUCTION SEASON

To Begin: To Be Completed By:

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

Date Sent To Region: 10/02/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 10/02/1991

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

Date of Follow-Up Report: 10/11/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: PRESSURE HAS BEEN REDUCED. SECTION WILL BE ISOLATED

AND REMOVED FROM SERVICE IN 1992.

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 E HANSON

Reviewed by: TERRI BENZ

Region Chief

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

Report ID: 910058 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/01/1991 Date Received: 10/01/1991
Reporting Official's Name: JOHN VRABLE
Title: STDS. AND QUALITY ASSURANCE Phone: 3046238468
Determining Person's Name: RICHARD BAUGHMAN
Title: CREW FOREMAN Phone: 8145835171
Date condition Determined to Exist: 09/24/1991
Condition Location: City: CORCICA State: PA

Specific Location: LN 20 348 + 71
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
Discovery Circumstances: LEAK REPORTED BY PROPERTY OWNER
Significant Effects on Safety: 385' FROM BUILDING INTENDED FOR HUMAN OCCUPANCY

Corrective Action Taken: SLEEVE INSTALLED 9/24/91

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: 100 FEET OF PIPE TO BE REPLACED

To Begin: 10/01/1991 To Be Completed By: 10/04/1991
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/02/1991 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: R. LITTLE
Date: 10/02/1991

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

Date of Follow-Up Report: 12/16/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR SENT IN REQUEST TO CLOSE THIS SRCR
BASED ON

PERMANENT REPAIR MADE ON 10/02/91.

Date Repair Completed: 10/02/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: IT IS REQUESTED TO CLOSE THIS REPORT.

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 11/15/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: OPERATOR WILL SEND A CLOSE OUT REQUEST LETTER IN
NEAR FUTURE.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 10/21/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: JACK ADAMS REQUESTED TO CHANGE THEIR SRCR NO.
FROM

SRC-6 TO 91-7. ABOUT 43 FT OF PIPE WAS REPLACED ON
10/02/91. 1 SIZE 14" OD; PERMANENT REPAIR). WILL
FORWARD LETTER REQUESTING TO CLOSE OUT THIS SRCR
BASED ON LAST REPAIRS.

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: RALPH KUBITZ

Region Chief

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

Report ID: 910059 Condition Number(s): 6
Operator Name: COLUMBIA GAS OF OHIO, INC OPID: 3
Street Address: 200 CIVIC CENTER DRIVE
City: COLUMBUS State: OH ZIP: 43216-0117

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/20/1991 Date Received: 10/01/1991
Reporting Official's Name: JAMES R. BERENDSEN
Title: SENIOR ATTORNEY Phone: 6144604650
Determining Person's Name: CLARENCE WOLFE
Title: DIV. PLANT SUPERVISOR Phone: 6144526341
Date condition Determined to Exist: 09/18/1991
Condition Location: City: ZANESVILLE State: OH

Specific Location: 334 WASHINGTON ST.
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 THAT CONSTITUTES AN EMERGENCY
Discovery Circumstances: COMBUSTIBLE GAS INDICATOR READINGS
Significant Effects on Safety: GAS UNDER FOUNDATION OF SINGLE FAMILY
RESIDENTIAL STRUCTURE
Corrective Action Taken: LOCATION OF LEAK UNDETERMINED; GAS IS BEING
PURGED
WHEN DETECTED; FAMILY EVACUATED.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: INVESTIGATION CONTINUING

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/02/1991 Region: CENTRAL
Date Sent To State: 10/02/1991 State/Agency: OH PUC
OPS Representative: ROGER L. LITTLE
Date: 10/02/1991

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

Date of Follow-Up Report: 10/20/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED COMPANY PROCEDURES AND ALL TESTS THAT

WERE PERFORMED TO ASSURE THAT MEASURES WERE TAKEN TO ELIMINATE COLUMBIA'S FACILITIES FROM BEING THE CAUSE OF THE SAFETY RELATED CONDITION.

Action Taken By Operator: COLUMBIA HAS CONDUCTED AN INSTRUMENT LEAK INSPECTION

OVER MAINS AND SERVICE LINES IN THE VICINITY WITH NEGATIVE RESULTS. COLUMBIA HAS CONDUCTED PRESSURE DROP TESTS OF SERVICE LINE AND HOUSE LINES ON THE AFFECTED DWELLING WITH NO DROP IN PRESSURE. THEY TRENCHED APPROXIMATELY 75% AROUND THE DWELLING. NO INDICATION OF GAS CAN BE DETECTED ON THE OUTER SIDE OF THE TRENCH, OR IN THE AREA OTHER THAN THIS STRUCTURE. COLUMBIA WENT DOWNSTREAM OF THE AREA TOOK THE MAIN OUT OF SERVICE AND PRESSURE TESTED THE MAIN AND THE ADJACENT SERVICES WITH NO DROP IN THE TEST.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: ON OCTOBER 3, 1991 COLUMBIA HAS EXHAUSTED ALL THEIR EFFORTS AND FEELS

THIS DOES NOT INVOLVE THEIR FACILITIES. THEY HAVE TURNED THIS MATTER

OVER TO THE CITY SAFETY DIRECTOR.

Prepared by: CHRISTOPHER ALBERT

Reviewed by: IVAN A HOUSTON

Region Chief

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

Report ID: 910060 Condition Number(s): 5
Operator Name: BALTIMORE GAS AND ELECTRIC CO. OPID: 3
Street Address: P.O. BOX 1475
City: BALTIMORE State: MD ZIP: 21203

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/02/1991 Date Received: 10/02/1991
Reporting Official's Name: L.J. FOSLER
Title: GENERAL SUPERVISOR Phone: 3012914543
Determining Person's Name: R. W. LOWE
Title: PRINCIPAL ENGINEER Phone: 3012914549
Date condition Determined to Exist: 09/29/1991
Condition Location: City: BALTIMORE State: MD

Specific Location: KEY HIGHWAY AND CLEMM STREET
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: NATURAL GAS

Description of Condition: OVERPRESSURIZATION

Discovery Circumstances: TWO PRINCIPAL GAS SYSTEM OPERATORS NOTICED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: THROTTLED PRESSURE SYSTEM UP STREAM OF THE DISTRICT

REG. STATION TO 115 PSIG. EXCAVATED & REPAIRED AND CLOSED BY-PASS VALVE. INSPECTED ALL SERVICE REGULATORS. CANVASSED AREA FOR LEAKS.

Shutdown: NO

Date Action Taken: 09/29/1991

Planned Follow-Up/Corrective Action: PERFORM A HFI LEAK SURVEY ON THE DEAD END

SYSTEM - MAIN AND SERVICES. COMPLETED
9-30-91: NO LEAKS DISCOVERED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/04/1991 Region: EASTERN

Date Sent To State: 10/04/1991 State/Agency: MD PSC
OPS Representative: ROGER L. LITTLE
Date: 10/04/1991

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

Date of Follow-Up Report: 10/16/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: INVESTIGATION REVEALED THAT CONDITION WAS NOT

DUE TO OPERATOR ERROR OR NEGLIGENCE. THEREFORE, NO ACTION TAKEN. SUGGESTED TO OPERATOR THAT THEY IDENTIFY THEIR VALVES BY HAVING THE VALVE BOX OPERATOR COVER STAMPED WITH THE WORD "GAS", OR TO BE PAINTED YELLOW.

Action Taken By Operator: AT 10:00 A.M. ON SEPTEMBER 29, 1991, A BG&E GAS SYSTEM CONTROL ROOM OPERATOR NOTICED AN ALARM CONDITION ON A CRT MONITOR INDICATING AN OVERPRESSURE CONDITION. A CREW WAS DISPATCHED AT 2:30 P.M. THAT SAME DAY. THE LINE WAS THROTTLED USING AN UPSTREAM VALVE UNTIL THE BY-PASS VALVE WAS INOPERABLE COULD BE REPAIRED.

Date Repair Completed: 09/29/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: ALEX J DANKOVICH MD PSC

Reviewed by:

Region Chief

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

Report ID: 910062 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: 10/08/1991 Date Received: 10/08/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 10/03/1991
Condition Location: City: MP 642.57 State: AK

Specific Location: MP 642.57

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

Discovery Circumstances: NKK PIG SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: STRUCTURAL SLEEVE WAS INSTALLED.

Reduced Pressure From (PSI): 763 to (PSI): 751

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED

To Begin: To Be Completed By:

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

Date Sent To Region: 10/09/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 10/09/1991

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

Date of Follow-Up Report: 10/17/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 17 FOOT STRUCTURAL SLEEVE

Date Repair Completed: 10/04/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE E HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

Report ID: 910061 Condition Number(s): 1
Operator Name: GULF INTERSTATE ENERGY, INC. OPID: 26044
Street Address: 4 WHITEHEAD PLAZA, 748 SPRINGDALE DRIVE
City: EXTON State: PA ZIP: 19341

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/03/1991 Date Received: 10/03/1991
Reporting Official's Name: C. G. KERSCH
Title: P/L MAINTENANCE SUPERINTENDENT Phone: 2153231112
Determining Person's Name: C.G. KERSCH
Title: P/L MAINTENANCE SUPERINTENDENT Phone: 2153231112
Date condition Determined to Exist: 09/30/1991
Condition Location: City: BETHEL State: PA

Specific Location: CONCHESTER ROAD (RT 322) MILE POST 3.42 (180+44)
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: NO. 6 & NO 2 OIL

Description of Condition: GENERAL CORROSION.

Discovery Circumstances: INTERNAL INSPECTION SURVEY

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PRESSURE REDUCED PENDING REPLACEMENT OF PIPE

Reduced Pressure From (PSI): 1440 to (PSI): 1140

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE TO BE REPLACED IN 1992.

To Begin: To Be Completed By:

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

Date Sent To Region: 10/11/1991 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER L. LITTLE

Date: 10/11/1991

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

Date of Follow-Up Report: 06/12/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR REPLACED ABOUT 38 FT OF PIPE 18" SIZE AND
BRING BACK INTO SERVICE.

Date Repair Completed: 06/03/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE OUT THIS SRCR

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 01/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: OPERATOR TENTATIVELY SCHEDULED REPAIR DATE IN
MID

FEBRUARY 1992.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 12/16/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: STILL SCHEDULED FOR REPLACEMENT IN EARLY 1992.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 11/18/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO CHANGE FROM LAST MONTH REPORT. STILL SCHEDULED

FOR REPLACEMENT EARLY 1992.

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: RALPH KUBITZ

Region Chief

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

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

Date of Follow-Up Report: 10/28/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: NO FURTHER ACTION FROM OPERATOR THAN FROM ORIGINAL

REPORT OF WHICH REDUCED PRESSURE FROM 1440 TO 1140 FOR MOP REQUIREMENT, AND THE LINE IS OPERATING APPROXIMATELY AROUND 700 PSI. CORRODED SECTION IS STILL SCHEDULED FOR REPLACEMENT EARLY 1992.

Date Repair Completed:

Resulted in Incidents After Report: YES

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

Report ID: 910063 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: 10/11/1991 Date Received: 10/11/1991
Reporting Official's Name: LEWIS M. WETZEL
Title: GENERAL MGR. ENGR. & OPER. SER Phone: 4124976927
Determining Person's Name: LIRA L. PRIDGEN
Title: DIVISION SUPERINTENDENT Phone:
Date condition Determined to Exist: 10/03/1991
Condition Location: City: EAST TAYLOR TOWNSHIP State: PA

Specific Location: IN THE BERM ALONG PA STATE ROUTE 271
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

Discovery Circumstances: COMPANY SERVICEMAN REPORTED LEAK

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PRESSURE TO BE LOWERED AND LINE TO BE REPLACED

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE TO BE REPLACED

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/15/1991 Region: EASTERN
Date Sent To State: 10/15/1991 State/Agency: PA PUC
OPS Representative: ROGER L. LITTLE
Date: 10/15/1991

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

Date of Follow-Up Report: 11/04/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: aBOUT 2850 FT NEW PIPE WERE REPLACED IN DECEMBER 91.

Date Repair Completed: 12/01/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE OUT THIS FILE

Prepared by: PHILLIP NGUYEN

Reviewed by: William Gute
Region Chief

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

Report ID: 910064 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE.
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/14/1991 Date Received: 10/14/1991
Reporting Official's Name: J. O. LOKER
Title: MGR. TECHNICAL STDS. Phone: 3043572767
Determining Person's Name: B. J. SMITH / E.B. CLARK
Title: SR. TRANSMISSION ENGR/SUPV.ENG Phone: 6148955014
Date condition Determined to Exist: 10/08/1991
Condition Location: City: MONROE State: OH

Specific Location: WEAVER COMPRESSOR STA., PLEASANT VALLEY RD./T303 APPROX.

7.2 MILES EAST OF I-71

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

Discovery Circumstances: NOT REPORTED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: STATION TEMPORARILY TAKEN OUT OF SERVICE, INSPECTED,

AND MAOP THEN LOWERED

Reduced Pressure From (PSI): 1200 to (PSI): 993

Shutdown: YES

Date Action Taken: 10/04/1991

Planned Follow-Up/Corrective Action: PIPE TO BE REPLACED

To Begin: To Be Completed By:

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

Date Sent To Region: 10/15/1991 Region: CENTRAL

Date Sent To State: 10/15/1991 State/Agency: OH PUC

OPS Representative: ROGER L. LITTLE

Date: 10/15/1991

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

Date of Follow-Up Report: 10/30/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: DUE TO THE NATURE OF THE OCCURRED EVENT, AN INVESTIGATION WAS CONDUCTED TO DETERMINE IF PIPELINE HAD ADEQUATE CATHODIC PROTECTION AND A PERIODICAL EVALUATION OF ATMOSPHERIC CORROSION. THE COMPANY'S RECORDS HAVE PROVEN THAT THE ABOVE REQUIREMENTS WERE MET.

Action Taken By Operator: ABANDONED THE DETERIORATED PORTION OF THE PIPELINE

AND REPLACED IT WITH 5 FEET OF 20" PIPE, 0.75" WALL AND OF GRADE X42. ALSO INSTALLED WERE TWO 20" 90 DEGREE ELL WITH 0.625 WALL AND GRADE X42. OPERATIONS HAVE RESUMED TO NORMAL.

Date Repair Completed: 11/06/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ON ABOUT OCROBER 4, 1991, DURING THE OPERATOR'S NORMAL OPERATING AND

MAINTENANCE DUTIES ON ATMOSPHERIC CORROSION EVALUATION, THE PERSONNEL

DETECTED DETERIORATION ON THE COMPRESSOR STORAGE LINE. RIGHT AT THE

GROUND LEVEL INTERFACE, DUE TO SOME WATER ACCUMULATION, THE PIPELINE HAD

DEVELOPED GENERAL CORROSION PITTING AND COATING DETERIORATION. WATER WAS

TRAPPED IN BETWEEN THE COATING (ROYSTON MIASTIC) AND THE PIPE CAUSING IT

TO PEEL. THE NEW PIPE IS COATED WITH PORTERS TARSET - A 2-PART EPOXY.

Prepared by: VICTOR C OMAMEH

Reviewed by:

Region Chief

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

Report ID: 910065 Condition Number(s): 1
Operator Name: INDIANA GAS CO INC OPID: 8070
Street Address: 1630 NORTH MERIDIAN ST.
City: INDIANAPOLIS State: IN ZIP: 46201-1496

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/24/1991 Date Received: 10/24/1991
Reporting Official's Name: BOB CHENOWETH
Title: Phone:
Determining Person's Name: G. W. ALEXANDER
Title: CORR. CONTROL SPECIALIST Phone: 3177765532
Date condition Determined to Exist: 10/17/1991
Condition Location: City: ANDERSON DISTRICT State: IN

Specific Location: EAST OF CR 700W NORTH OF SR 38 IN MADISON COUNTY MAP #
55-379 PIPELINE ID # 875

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

Discovery Circumstances: NOT REPORTED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: MADE NECESSARY REPAIRS TO ENSURE SAFETY

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE STATED

To Begin: To Be Completed By:

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

Date Sent To Region: 10/28/1991 Region: CENTRAL

Date Sent To State: 10/28/1991 State/Agency: IN URC

OPS Representative: ROGER LITTLE

Date: 10/28/1991

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

Date of Follow-Up Report: 11/22/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE CONTACTED OPERATOR. VERIFIED SITUATION
UNDER CONTROL AND BEING PROMPTLY ADDRESSED.

Action Taken By Operator: INSTALLED TWO 18 INCH SPLIT WELD-OVER SLEEVES.

Date Repair Completed: 10/17/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REPAIR MADE SAME DAY CONDITION WAS FOUND.

Prepared by: LARRY V NISCEY

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 910066 Condition Number(s): 1
Operator Name: INDIANA GAS CO INC OPID: 8070
Street Address: 1630 NORTH MERIDIAN ST.
City: INDIANAPOLIS State: IN ZIP: 46201-1496

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/24/1991 Date Received: 10/24/1991
Reporting Official's Name: BOB CHENOWETH
Title: Phone:
Determining Person's Name: G. W. ALEXANDER
Title: CORR. CONTROL SPECIALIST Phone: 3177765532
Date condition Determined to Exist: 10/22/1991
Condition Location: City: ANDERSON DISTRICT State: IN

Specific Location: NORTH OF SR 38 143' EAST OF CR 700W IN MADISON 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: GENEARL CORROSION

Discovery Circumstances: NOT REPORTED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: CORROSION LEAK REPAIRED

Shutdown: NO

Date Action Taken:

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: 10/28/1991 Region: CENTRAL
Date Sent To State: 10/28/1991 State/Agency: IN URC
OPS Representative: ROGER LITTLE
Date: 10/28/1991

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

Date of Follow-Up Report: 11/22/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE CONTACTED OPERATOR. VERIFIED SITUATION UNDER CONTROL.

Action Taken By Operator: INSTALLED 1-18 INCH SPLIT WELD OVER SLEEVE TO REPAIR

LEAK. REDUCED PRESSURE BECAUSE OF EXTENSIVE FITTING ON BOTTOM OF PIPE. SCHEDULED FOR REPLACEMENT SPRING OF 1992.

Date Repair Completed: 10/22/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: LARRY V NISCEY

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 910067 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: 10/25/1991 Date Received: 10/28/1991
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658715
Date condition Determined to Exist: 10/22/1991
Condition Location: City: MP 642.61 State: AK

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: PETROLEUM
Description of Condition: GENERAL CORROSION
Discovery Circumstances: NKK PIG SURVEY
Significant Effects on Safety: NONE REPORTED
Corrective Action Taken: 24 FOOT STRUCTURAL SLEEVE WAS INSTALLED

Reduced Pressure From (PSI): 740 to (PSI): 708
Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE REPORTED

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/28/1991 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 10/28/1991

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

Date of Follow-Up Report: 11/08/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 24-FOOT STRUCTURAL SLEEVE CONFIRMED
BY BCM

INSPECTOR 11/05/91.

Date Repair Completed: 10/25/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE E HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

Report ID: 910068 Condition Number(s): 1
Operator Name: PANHANDLE EASTERN P/L CO. OPID: 15105
Street Address: 5400 WESTHEIMER CT
City: HOUSTON State: TX ZIP: 77056

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/25/1991 Date Received: 11/01/1991
Reporting Official's Name: M. D. PUTNAM
Title: SUPERVISING ENGINEER Phone: 3166261323
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 10/25/1991
Condition Location: City: BEAVER COUNTY State: OK

Specific Location: NE QUARTER OF SECTION 15, TOWNSHIP 6 NORTH, RANGE 20
EAST IN BEAVER COUNTY 283' EAST OF HWY 83

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

Discovery Circumstances: INTERNAL INSPECTION DEVICE SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: LINE TAKEN OUT OF SERVICE PENDING REPAIR

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE OUT OF SERVICE PENDING REPAIR

To Begin: To Be Completed By:

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

Date Sent To Region: 11/04/1991 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 11/04/1991

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

Date of Follow-Up Report: 03/22/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Operator was contacted periodically to ensure appropriate actions were being implemented.

Action Taken By Operator: Operator has adapted corrosion control program to compensate for the problems experienced. An internal inspection device has been used to check for problems in this entire line segment. All potential problems detected by the smart pig have been investigated and repairs completed as necessary. All work was complete on this line section in summer and fall of 1994.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This safety related condition report should be closed.

Prepared by: Donald Moore

Reviewed by: Ivan Huntoon

Region Chief

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

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

Date of Follow-Up Report: 12/17/1991

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED PEPL ON 11-5-91 FOR INFORMATION. PEPL HAD TAKEN LINE OUT OF SERVICE PENDING DECISION ON WHETHER TO REPLACE. CONTACTED PEPL 12-17-91 TO SEE WHAT HAD BEEN DECIDED. SEE BELOW. WILL CONTACT AGAIN AFTER REPLACEMENTS ARE MADE.

Action Taken By Operator: LINE TAKEN OUT OF SERVICE UNTIL REPAIRED. PEPL HAS DECIDED TO REPLACE GRADES 2 & 3 CORRISION SPOTS WITH .297X65 PIPE. WILL USE INHIBITORS, FREQUENTLY CLEAN LINE TO PREVENT DEPOSIT AND WILL BEGIN CORROSION MONITORING PROGRAM. MAOP (BEFORE & AFTER) IS 720 LBS. OPERATING PRESSURE IS 550-600 LBS. REPAIRS WILL BE DONE IN FEB., 1992.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: LINDA G DAUGHERTY

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 910069 Condition Number(s): 4
Operator Name: ENSTAR NATURAL GAS CO. OPID: 4483
Street Address: 3000 SPENARD RD.
City: ANCHORAGE State: AK ZIP: 99519-0288

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 11/15/1991 Date Received: 11/15/1991

Reporting Official's Name: DREW SMITH
Title: SR. ENGINEER Phone: 9072643744

Determining Person's Name: SAME AS ABOVE

Title: Phone:

Date condition Determined to Exist: 11/08/1991

Condition Location: City: NOT GIVEN State: AK

Specific Location: KENAI TP "B" PIPELINE AT KALIFONSKI BEACH RD.

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: TORCH MARK WAS DISCOVERED ON PIPE

Discovery Circumstances: DISCOVERED DURING CASING REMOVAL

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: MAOP REDUCED UNTIL A SLEEVE CAN BE INSTALLED

Reduced Pressure From (PSI): 1050 to (PSI): 662

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PLIDCO SOLEMATE TO BE INSTALLED IN NEAR
FUTURE

To Begin: To Be Completed By:

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

Date Sent To Region: 11/18/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER L. LITTLE

Date: 11/18/1991

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

Date of Follow-Up Report: 11/21/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED PLIDCO SLEEVE - FULLY WELDED

Date Repair Completed: 11/20/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

Report ID: 910070 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: 11/18/1991 Date Received: 11/18/1991

Reporting Official's Name: BILL HUFF
Title: ENGINEER Phone: 5048934951

Determining Person's Name: SAME AS ABOVE.

Title: Phone:
Date condition Determined to Exist: 11/15/1991
Condition Location: City: FRANKLINTON State: LA

Specific Location: WEST LEG METER STATION AT FRANKLINTON COMPRESSOR STATION

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: PINHOLE LEAK CREATED WHILE SANDBLASTING

Discovery Circumstances: LEAK CREATED WHILE SANDBLASTING

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: VALVE TO BE REPLACED, MEANWHILE LEAK IS BEING MONITORED

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: VALVE TO BE REPLACED BY NOVEMBER 21, 1991

To Begin: To Be Completed By:

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

Date Sent To Region: 11/18/1991 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 11/18/1991

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

Date of Follow-Up Report: 11/22/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MR. HUFF REPORTS SRC CORRECTED 11/21/91 -
REQUIRED LOWERING PRESSURE ON LINE AND REPLACING
THE 4" LEAKING VALVE IN THE 30" GATE VALVE BODY
- LINE RETURNED TO SERVICE.

Action Taken By Operator:

Date Repair Completed: 11/21/1991

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: J C THOMAS

Region Chief

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

Report ID: 910071 Condition Number(s): 1
Operator Name: CENTRAL FLORIDA PIPELINE CORP OPID: 2190
Street Address: 1904 HEMLOCK ST.
City: TAMPA State: FL ZIP: 33605

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 11/14/1991 Date Received: 11/19/1991
Reporting Official's Name: JAMES A PASTERNAK
Title: PIPELINE MANAGER Phone: 8132482148
Determining Person's Name: A. H. SMITH, JR.
Title: INSPECTOR Phone:
Date condition Determined to Exist: 11/13/1991
Condition Location: City: KISSIMMEE State: FL

Specific Location: OFF OLD TAMPA HWY, APPROX. 3500' WEST OF PLEASANT HILL
RD.

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 FUEL

Description of Condition: GENERAL CORROSION RESULTING FROM BACKHOE
DAMAGE

Discovery Circumstances: SMART PIG SURVEY ONGOING INSPECTION

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: PUMPED DOWN LINE, CUT OUT BAD SPOT AND REPLACED
WITH

GOOD, TESTED PIPE, WELDS X-RAYED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED

To Begin: To Be Completed By:

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

Date Sent To Region: 11/21/1991 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 11/21/1991

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

Date of Follow-Up Report: 03/25/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED PIPELINE ANOMALY INSPECTION REPORT.
DISCUSSED THE FINDING WITH THE OPERATOR.
VERIFIED THE CHANGE IN ANOMALY STATUS WITH THE
OPERATOR. THIS ANOMALY WAS DISCOVERED DUE TO
SMART PIG SURVEY.

Action Taken By Operator: A NUMBER ONE GRADE ANOMALY AT THE SUBJECT
LOCATION

WAS EXCAVATED AND DISCOVERED TO BE A GRADE THREE
ANOMALY. THE SECTION OF BAD SPOT WAS CUT OUT AND
REPLACED WITH A NEW SECTION OF HYDROSTATICALLY
TESTED PIPE. THE MOLDS WERE X-RAYED. LOCATION: OFF
OLD TAMPA HWY. APPROX 3500' WEST OF PLEASANT HILL
ROAD, NEAR KISSIMMEE, FL..

Date Repair Completed: 11/13/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: BACKHOE DAMAGED, DENTS APPROX 3/8" DEEP IN TWO PLACES. COATING
WAS

BROKEN AND SAME CORROSION WAS APPARENT THIS CONDITION WAS
DETECTED BY

SMART PIG SURVEY. CONTACT PERSON: EDDIE FOSTER (813) 248-2148

Prepared by: MOHAMMED SHOAIB

Reviewed by: FREDERICK A JOYNER

Region Chief

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

Report ID: 910072 Condition Number(s): 6
Operator Name: UNION TEXAS OPID: 20160
Street Address: P.O. BOX 2120
City: HOUSTON State: TX ZIP: 77052

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/15/1991 Date Received: 11/25/1991
Reporting Official's Name: PAT MILLER
Title: SUPERINTENDENT PIPELINE OPER. Phone: 5043870871
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 11/15/1991
Condition Location: City: ARCADIA PARISH State: LA

Specific Location: MILE MARKER 76.6 1/2 MILE WEST OF STATE HIGHWAY 1101
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

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

Product in Pipeline: ETHANE

Description of Condition: A SMALL CRACK OCCURRED ON THE 10" PIPELINE.

Discovery Circumstances: PERSON REPORTED "DRY GROUND" LEADING TO LEAK
DETERMINATION

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: SLEEVE INSTALLED TO REPAIR LEAK.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE WILL BE REPLACED THE NEXT TIME THE
LINE IS OUT OF SERVICE.

To Begin: To Be Completed By:

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

Date Sent To Region: 11/26/1991 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 11/26/1991

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

Date of Follow-Up Report: 01/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE NONE

Action Taken By Operator: INSTALLED PLIDCO WELD-ON SPLIT SLEEVE CLAMP.
INSTALLED PLIDCO WELD-ON SPLIT SLEEVE CLAMP.

Date Repair Completed: 11/16/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BOB HOLTER

Reviewed by: BOB HOLTER FOR ACT
Region Chief

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

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

Date of Follow-Up Report: 01/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE NONE

Action Taken By Operator: INSTALLED PLIDCO WELD-ON SPLIT SLEEVE CLAMP.
INSTALLED PLIDCO WELD-ON SPLIT SLEEVE CLAMP.

Date Repair Completed: 11/16/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: BOB HOLTER

Reviewed by: BOB HOLTER FOR SCT
Region Chief

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

Report ID: 910073 Condition Number(s): 1
Operator Name: LOOP INC. OPID: 11733
Street Address: ONE SEINE COURT, BOX 6638
City: NEW ORLEANS State: LA ZIP: 5043685667

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 11/25/1991 Date Received: 11/25/1991
Reporting Official's Name: CASSANDRA COOPER-GATES
Title: MGR. ENVIRONMENTAL & REG AFF. Phone: 5043685667
Determining Person's Name: ALLAN MIKA
Title: SUPT. MAINTENANCE Phone:
Date condition Determined to Exist: 11/21/1991
Condition Location: City: GRAND ISLE BLOCK 59 State: LA

Specific Location: 20 MILES OFFSHORE, GRAND ISLE BLOCK 59
Occurred on Outer Continental Shelf: YES

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: REDUCTION OF WALL THICKNESS ON OFFSHORE CRUDE OIL

PROVER

Discovery Circumstances: DURING METER PROVER CALIBRATION AND SUBSEQUENT

ULTRASONIC THICKNESS TESTING

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: ISOLATED SUBCOMPONENT PROVER FROM MAIN OIL LINE
PENDING REPAIR

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PROVER ISOLATED PENDING REPAIRS

To Begin: To Be Completed By:

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

Date Sent To Region: 11/26/1991 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 11/26/1991

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

Date of Follow-Up Report: 01/09/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: LOOP WITHDREW THE SRC. ADVISING THE MEASUREMENTS

WERE IN ERROR. WE ADVISED ROGER LITTLE ON 12/30/91.

Action Taken By Operator:

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: MORRIS MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 12/30/1991

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: DELLNONE-EXCEPT CONFIRM THAT SRC REPORT BY LOOP

WAS UNNECESSARY

Action Taken By Operator: 2 INDEPENDENT CONSULTANTS BOTH DETERMINED THAT

T[CHERE WAS NO SIGNIFICANT LOSS OF PIPE WALL - SRC
REPOR[CT WAS RECINDED.

Date Repair Completed: 12/31/1991

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SEE ATTACHED LETTER FROM LOOP.

Prepared by: BOB HALTER

Reviewed by: J C Thomas

Region Chief

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

Report ID: 910074 Condition Number(s): 8
Operator Name: ENRON LOUISIANA ENERGY COMPANY OPID: 4459
Street Address: P.O. BOX 1188
City: HOUSTON State: TX ZIP: 77251-1188

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 11/22/1991 Date Received: 11/29/1991
Reporting Official's Name: CHARLES F. HAMILTON
Title: TECHNICAL SPECIALIST Phone: 7138535441
Determining Person's Name: MC DONOUGH-BROWN ASSOC.
Title: Phone: 5029268800
Date condition Determined to Exist: 11/21/1991
Condition Location: City: GEISMAR State: LA

Specific Location: INTERSECTION OF LA HWYS 73 AND 75 NEAR RIVER MILE
MARKER

185.8

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: MAY BE ETHANE

Description of Condition: LINE CROSSES MISSISSIPPI RIVER; CURRENTS HAVE
ERODED

SOIL COVER

Discovery Circumstances: DISCOVERED BY CONTRACT DIVERS DURING STANDARD
INSPECTION

Significant Effects on Safety: THE PRINCIPAL SAFETY EXPOSURE IS THE
POTENTIAL HAZARD OF THE LINE BEING STRUCK BY
A MOTOR VESSEL UNDERWAY.

Corrective Action Taken: CONTRACTORS TO RECTIFY CONDITION ARE BEING
CONTACTED.

BUOYS HAVE BEEN ORDERED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WARNING BUOYS TO BE IN PLACE BY 11-23-91.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 12/02/1991 Region: SOUTHWES
Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE
Date: 12/02/1991

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

Date of Follow-Up Report: 10/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Record shows this SRC was completed Feb. 19,1992

Action Taken By Operator:

Date Repair Completed: 02/19/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This SRC was for a intrastate facility.

Prepared by: Norris E. Miley

Reviewed by: J. C. Thomas

Region Chief

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

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

Date of Follow-Up Report: 01/09/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: LINE SHUT DOWN UNTIL REPAIRS HAVE BEEN COMPLETED. REPAIRS DELAYED BY HIGH WATERLINE SHUT DOWN UNTIL REPAIRS HAVE BEEN COMPLETED. REPAIRS DELAYED BY HIGH WATER.. ESTIMATE 10 DAYS WORK TO COMPLETE.

Action Taken By Operator:

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: MORRIS MILEY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 01/09/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: LINE SHUT DOWN UNTIL REPAIRS HAVE BEEN COMPLETED. REPAIRS DELAYED BY HIGH WATERLINE SHUT DOWN UNTIL REPAIRS HAVE BEEN COMPLETED. REPAIRS DELAYED BY HIGH WATER.. ESTIMATE 10 DAYS WORK TO COMPLETE.

Action Taken By Operator:

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: MORRIS MILOY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 910075 Condition Number(s): 1
Operator Name: TEXAS GAS TRANSMISSION CORP. OPID: 19270
Street Address: 3800 FREDERICK ST. P.O. BOX 1160
City: OWENSBORO State: KY ZIP: 42301

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/13/1991 Date Received: 12/13/1991
Reporting Official's Name: JAMES E. BEECH
Title: MANAGER, PIPELINE SAFETY Phone: 5029268686
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 12/13/1991
Condition Location: City: GRAVES COUNTY State: KY

Specific Location: MAIN LINE SYSTEM 26" NO. 2 MP 390+2551
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

Discovery Circumstances: SMART PIG SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: LINE PRESSURE REDUCED. PIPE TO BE REPLACED 12/16-17, 1991.

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: 01/06/1991 Region: SOUTHERN

Date Sent To State: 01/06/1991 State/Agency: KY PSC

OPS Representative: ROGER LITTLE

Date: 01/06/1991

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

Date of Follow-Up Report: 01/15/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED TEXAS GAS (JIM BEECH) 1-6-92. DISCUSSED
ACTIONS TAKEN BY TEXAS GAS.

Action Taken By Operator: TEXAS GAS REDUCED PRESSURE IN THE 26" AND THEN
SHUT

IN ON 12-13-91. CUT OUT AND REMOVED AFFECTED SECTION
ON 12/16-17/91. COMPLETED HYDRO TESTING. FINAL
REPORT RECEIVED BY THE SO. REGION OFFICE ON 1-15-92.

Date Repair Completed: 01/15/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: OPERATOR REMOVED THE SECTION OF PIPE FROM CASING. WELDED CAPS
ON END AND

HYDRO TESTED THE SECTION WITH GENERAL CORROSION TO SEE WHAT
PRESSURES

THE AFFECTED PIPE WOULD FAIL.

Prepared by: BENJAMIN H ANDREWS

Reviewed by:

Region Chief

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

Report ID: 910076 Condition Number(s): 1
Operator Name: ARCO ALASKA, INC. KUPARUK OPERATIONS OPID:
Street Address: P. O. BOX 196105
City: ANCHORAGE State: AK ZIP: 99519

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 12/24/1991 Date Received: 12/31/1991
Reporting Official's Name: L. E. PURDOM / P.J. BEGNAUD
Title: SUEPRINTENDENT Phone: 9076597219
Determining Person's Name: T. C. AUSTIN/M. SILVERMAN
Title: CORROSION ENGINEER Phone: 9076597773
Date condition Determined to Exist: 12/20/1991
Condition Location: City: KUPARUK RIVER State: AK

Specific Location: NORTH SLOPE OF ALASKA, KUPARUK PIPELINE, 11,345' FROM
CPF-1 AT VSM 398

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: GENERAL CORROSION

Discovery Circumstances: SMART PIG SURVEY

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: MAX OP PRESSURE WILL BE ADJUSTED TO 1330.

ADDITIONAL

CORRECTIVE ACTION WILL BE BASED ON FUTURE CORROSION
MONITORING RESULTS. WILL CONTINUE TO VISUALLY MONITOR
THE ENTIRE PIPELINE ON DAILY BASIS.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WILL CONTINUE TO VISUALLY MONITOR THE
ENTIRE PIPELINE ON DAILY BASIS

To Begin: To Be Completed By:

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

Date Sent To Region: 01/06/1991 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 01/06/1991

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

Date of Follow-Up Report: 10/25/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: THE LINE WAS INVESTIGATED AND THE EXISTING
CORROSION

DOES NOT MEET CRITERIA FOR DERATING THE LINE.
DOCUMENTATION LETTER IS IN ALASKA FILES.

Date Repair Completed: 02/16/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: LETTER WAS SENT TO INFORMATION RESOURCES MANAGER ON 2/16/93,
CERTIFIED
MAIL.

Prepared by: B. HANSEN

Reviewed by: EDWARD J. ONDAK

Region Chief

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

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

Date of Follow-Up Report: 08/13/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: STILL OPERATING AT REDUCED PRESSURE.

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: BRUCE HANSEN

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

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

Date of Follow-Up Report: 07/14/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: STILL WORKING WITH T.D. WILLIAMSON. WILL TAKE ANOTHER SHOT AT PIG RUN POSSIBLY AS EARLY AS THE END OF THE MONTH. STILL OPERATING AT REDUCED PRESSURE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: LARRY PURDOUR IS CONTACT FOR DOT INSPECTION AND OTHER OPERATIONS

(659-7818). REPORT LATE DUE TO LEAVE SCHEDULE.

Prepared by: BRUCE HANSON

Reviewed by: J C OVERLY

Region Chief

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

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

Date of Follow-Up Report: 06/03/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: FOLLOW UP

Action Taken By Operator: ADDITIONAL INSPECTION - PIGGING HAS BEEN
UNSUCCESSFUL - DOING MANUAL INSPECTION ON VSMS
(WHERE ORIGINAL PROBLEM). PSVS STILL SOF LOWER
PRESSURE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: CALLED 5/28/92-NO ANSWER (659-7818) CALLED 6/1/92-SHIFT CHANGE
TOMORROW-WILL TRY THERE

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDATA

Region Chief

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

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

Date of Follow-Up Report: 05/05/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: RAN PIG BUT LOST ABOUT 1/2 DATA, STILL OPERATING
AT

LOWER PRESSURE UNTIL THE CONDITION CAN BE CONFIRMED.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: TRIED 4/24/92 LARRY PURDOUR 659-7818/NOT AVAILABLE.

Prepared by: BRUCE E HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

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

Date of Follow-Up Report: 05/05/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: RAN PIG BUT LOST ABOUT 1/2 DATA, STILL OPERATING
AT

LOWER PRESSURE UNTIL THE CONDITION CAN BE CONFIRMED.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: TRIED 4/24/92 LARRY PURDOUR 659-7818/NOT AVAILABLE.

Prepared by: BRUCE HANSON

Reviewed by: EDWARD ONDATO

Region Chief

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

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

Date of Follow-Up Report: 01/15/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: LOWERED MAOP, WILL SLEEVE WHEN THEY ARE SURE
ALL

CORROSION HAD BEEN FOUND AND WEATHER IS BETTER.

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: BRUCE E HANSON

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 920001 Condition Number(s): 1
Operator Name: KANSAS PIPELINE OPERATING COMPANY OPID: 10035
Street Address: 11880 COLLEGE BLVD, SUITE 520
City: OVERLAND PARK State: KS ZIP: 66210

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/23/1992 Date Received: 01/23/1992
Reporting Official's Name: KEITH MITCHELL
Title: PIPELINE OPERATIONS MGR Phone: 9134513330
Determining Person's Name: BILL GREESON
Title: MAINTENANCE SUPERINTENDENT Phone: 9134513330
Date condition Determined to Exist: 01/16/1992
Condition Location: City: MIAMI COUNTY State: KS

Specific Location: SECTION 1, TOWNSHIP 17S, RANGE 23 E, PAOLA TO KANSAS
CITY 6" PIPELINE, MP 8, SURVEY STA 2 + 99

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 CAUSED BY CORROSION

Discovery Circumstances: CORROSION SUPERVISOR REPORTED SMELL OF ODORANT

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: NEW CASING WAS INSTALLED.

Shutdown: NO

Date Action Taken: 01/16/1992

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: 01/25/1992 Region: CENTRAL

Date Sent To State: 01/25/1992 State/Agency: KCC

OPS Representative: ROGER L. LITTLE

Date: 01/25/1992

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

Date of Follow-Up Report: 11/26/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Staff from the Kansas Commerce Commission monitored the replacement of pipe.

Action Taken By Operator: During the afternoon of January 13, 1992, Kansas Pipeline Operating Co's Corrosion Supervisor reported the possible smell of odorant from a casing vent at MP 8, Station 2+99, on the Paola to Kansas City 6" pipeline. The section of pipeline from MP2 to MP13 was shut-in and depressured.

Date Repair Completed: 01/16/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: On January 16, 1992, the pipeline section within the casing was removed.

The leak was a result of localized corrosion in this section of pipe.

The pipeline on each side of the crossing had no pitting and was in good condition. A new casing and a new section of pipe have been installed.

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon

Region Chief

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

Report ID: 920002 Condition Number(s): 1
Operator Name: CENTRAL FLORIDA PIPELINE CORP OPID: 2190
Street Address: 1904 HEMLOCK ST.
City: TAMPA State: FL ZIP: 33605

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 01/27/1992 Date Received: 01/31/1992
Reporting Official's Name: JAMES A PASTERNAK
Title: PIPELINE MANAGER Phone: 8132482148
Determining Person's Name: A. H. SMITH, JR.
Title: INSPECTOR Phone:
Date condition Determined to Exist: 01/24/1992
Condition Location: City: OCEOLA CITY State: FL

Specific Location: REEDY CREEK VALVE BOX
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 FUEL

Description of Condition: GENERAL CORROSION.

Discovery Circumstances: INSPECTION SURVEY AND VALVE BOX MAINTENANCE

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: ANOMALY WAS REPAIRED WITHIN TWENTY FOUR HOURS OF

RECEIVING THE INITIAL REPORT. CORRODED PIPE WAS REPLACED.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 02/03/1992 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 02/03/1992

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

Date of Follow-Up Report: 02/26/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED PIPELINE ANOMALY INSPECTION REPORT.
MADE FOLLOW-UP PHONE CALLS TO CENTRAL FLORIDA
PIPELINE CORP AS TO THE FINAL DISPOSITION OF
SAFETY RELATED CONDITION AT RUDY CREEK VALVE
BOX, OCULA ATP, FL

Action Taken By Operator: LOCALIZED CORROSION FOUND AT BOTH SIDES OF THE
VALVE. THE CORRODED SECTIONS OF PIPELINE ON EACH SIDE
OF THE VALVE WERE REMOVED & NON HYDROSTATICALLY
TESTED PIPE WAS INSTALLED IN ITS PLACE (10",X60,
250"W.T.)

Date Repair Completed: 01/24/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: AS A RESULT OF PERFORMING AN INSPECTION SURVEY AND
MAINTENANCE TO THE

VALVE BOXES ON THE 10" PIPELINE SYSTEM, A CLASS 3 ANOMALY WAS
LOCATED ON

THE PIPE AT THE RUDY CREEK VALVE BOX. A PERMANENT REPAIR WAS
MADE WITHIN

24 HOURS OF RECEIVING THE INITIAL REPORT. CONTACT PERSON: EDDIE
FOSTER

(813)248-2148.

Prepared by: MOHAMMAD SHOAIB

Reviewed by: FREDERIK A JOYNER

Region Chief

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

Report ID: 920003 Condition Number(s): 1
Operator Name: CENTRAL FLORIDA PIPELINE CORP OPID: 2190
Street Address: 1904 HEMLOCK ST.
City: TAMPA State: FL ZIP: 33605

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 02/17/1992 Date Received: 02/24/1992
Reporting Official's Name: JAMES A PASTERNAK
Title: PIPELINE MANAGER Phone: 8132482148
Determining Person's Name: A. H. SMITH, JR.
Title: INSPECTOR Phone:
Date condition Determined to Exist: 02/13/1992
Condition Location: City: LAKELAND State: FL

Specific Location: AT CSX MP 849 APPROX. 1000' WEST OF CANAL ST.
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 FUEL

Description of Condition: GENERAL CORROSION

Discovery Circumstances: WELD JOINT INSIDE CASING WAS IMPROPERLY WRAPPED

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: SECTION OF PIPE REPLACED

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: 02/24/1992 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 02/24/1992

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

Date of Follow-Up Report: 02/26/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED PIPELINE ANOMALY INSPECTION REPORT.
MADE FOLLOW-UP PHONE CALLS TO CENTRAL FLORIDA
PIPELINE CORP. AS TO THE FINAL DISPOSITION OF
SAFETY RELATED CONDITIONS AT CSX MP 849, APPROX
1000' WEST OF CANAL STS LAKELAND, POLK COUNTY,
FL.

Action Taken By Operator: WELD JOINT INSIDE OF CASING WAS FOUND IMPROPERLY
WRAPPED. THE LINE WAS REMOVED FROM THE CASING AND
ATWFO FOOT PIECE OF PIPE AT THE AFFECTED WELD JOINT
AREA WAS REMOVED. A NEW PIECE OF HYDROSTATIC TESTED
PIPE WAS ADDED. THE PIPE WAS X-RAYED FOR
SATISFACTORY WELD CONDITIONS.

Date Repair Completed: 02/13/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: GENERAL CORROSION WAS FOUND ON BOTH SIDES OF WELD IN SPIRAL
BANDS. THIS

CONDITION WAS DETECTED BY SMART PIG SURVEY. CONTACT PERSON:
EDDIE FOSTER

(813)248-2148.

Prepared by: MOHAMMAD SHOAIB

Reviewed by: FREDICK A JOYNER

Region Chief

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

Report ID: 920004 Condition Number(s): 6
Operator Name: MOBIL PIPE LINE COMPANY OPID: 12628
Street Address: P.O. BOX 900
City: DALLAS State: TX ZIP: 75221

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 02/24/1992 Date Received: 02/24/1992
Reporting Official's Name: D.L. DENNARD
Title: VICE PRESIDENT Phone: 2146582226
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 02/20/1992
Condition Location: City: MIDLAND State: TX

Specific Location: MIDLAND TX TO CORSICANA TX LINE

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: SEVERAL SMALL RELEASES OF PRODUCT HAVE OCCURRED

Discovery Circumstances: NOT STATED

Significant Effects on Safety: NOT REPORTED

Corrective Action Taken: LINE TO BE SHUT DOWN, DRAINED, REPLACED WITH
NITROGEN, UNTIL ASSESSMENT OF REPAIR ALTERNATIVES
DETERMINED

Shutdown: YES

Date Action Taken: 02/20/1992

Planned Follow-Up/Corrective Action: TO BE FORTHCOMING

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 02/25/1992 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 02/25/1992

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

Date of Follow-Up Report: 03/15/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: This SRC is on a 12" crude oil line which has been idle since 2/24/92. Mobil does not plan to place the line back in service. If they do, promised to let us know at that time.

Action Taken By Operator: Line was taken out of service and purged with nitrogen.

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 E. Miley

Reviewed by: Jaames C. Thomas

Region Chief

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

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

Date of Follow-Up Report: 10/05/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: No change,system is out of service.ce..

Action Taken By Operator: None.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident: 02/24/1992

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Line taken out of service. Copany may abandon it.

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: 09/14/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed: 10/14/1993

Resulted in Incidents After Report: NO

Date of Incident: 07/02/1992

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: 04/29/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Operator reports line is still out of operations.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Company has not determined what to do with the line.

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: 04/15/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: No change in status. Pipeline is still idle.

Action Taken By Operator:

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 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: 12/10/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Contacted Mike Adams with Mobil,he reports no
change in status, he promised to advise further
on Monday, dec.14.

Action Taken By Operator:

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: N E Miley

Reviewed by: J C Thomas

Region Chief

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

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

Date of Follow-Up Report: 08/19/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE FROM LAST FOLLOW-UP REPORT

Action Taken By Operator:

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 E MILEY

Reviewed by: JC THOMAS

Region Chief

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

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

Date of Follow-Up Report: 07/21/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGES TO REPORT

Action Taken By Operator:

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 E MILOY

Reviewed by: NORRIS E MILOY

Region Chief

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

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

Date of Follow-Up Report: 03/26/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CHECKED ON STATUS OF THE PIPELINE SYSTEM 12" &
8"

Action Taken By Operator: OPERATOR IS STILL IN PROCESS OF FILLING SYSTEM
WITH

NITROGEN. ESTIMATED APRIL 20TH TO COMPLETE. MAY
DECIDE TO ABANDON THE TWO LINES.

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920005 Condition Number(s): 5
Operator Name: BALTIMORE GAS AND ELECTRIC CO. OPID: 3
Street Address: P.O. BOX 1475
City: BALTIMORE State: MD ZIP: 21203

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/26/1992 Date Received: 02/26/1992
Reporting Official's Name: L.J. FOSLER
Title: GENERAL SUPERVISOR Phone: 4102914543
Determining Person's Name: DENNIS R. BAKER
Title: SUPERVISOR, PRESSURE CONTROL Phone: 4102914632
Date condition Determined to Exist: 02/21/1992
Condition Location: City: BALTIMORE State: MD

Specific Location: 6000 BLOCK OF SOUTHWIND CIRCLE
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: NATURAL GAS

Description of Condition: OVERPRESSURIZATION: MAOP OF 100 PSI WAS EXPOSED TO 250 PSI

Discovery Circumstances: OPERATOR DETERMINED LOOKING AT PRESSURE CHARTS

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: CHECKED ALL AFFECTED LINES FOR LEAKS; INVESTIGATION

OF CAUSE OF INCIDENT IS ONGOING

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: INVESTIGATION IS ONGOING

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 02/27/1992 Region: EASTERN
Date Sent To State: 02/27/1992 State/Agency: MD PSC
OPS Representative: ROGER L. LITTLE
Date: 02/27/1992

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

Date of Follow-Up Report: 03/30/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 1) ALL THE PRESSURE REGULATORS SUBJECTED TO THE

OVER-PRESSURE CONDITION WILL BE REPLACED (A TOTAL OF 4); 2) THE PLASTIC PORTION OF THE GAS LINES SUBJECTED TO THE OVER-PRESSURE CONDITION WILL BE LEAK SURVEYED A SECOND TIME (PREFERABLY WITHIN 30 DAYS OF OUR MEETING DATE); AND 3) THE HOWARD SERVICE CENTER DISTRIBUTION PERSONNEL WILL RECEIVE TRAINING ON OPERATION PROCEDURES RELATED TO SYSTEM OPERATION, INCLUDING GAS VALVE OPERATION. (NOTE SECTIONS 703-1 THROUGH 703-5 OF CONSTRUCTION STANDARDS).

Action Taken By Operator: UPON DISCOVERY, BG&E COMPLETELY DISMANTLED AND

REBUILT THE TWO DISTRICT REGULATORS WHICH CONTROLLED THE SYSTEM IN QUESTION. FINDING NOTHING WRONG, THEY CHECKED THE HOUSE SERVICE REGULATORS AND FOUND ONE LEAKING AND REPLACED IT. THE ENTIRE LINE WAS LEAK SURVEYED AND NO LEAKS WERE FOUND.

Date Repair Completed: 02/21/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: AT A MEETING WITH THE COMPANY, OFFICIALS AND MYSELF, WE AGREED ON THREE

ACTIONS TO BE TAKEN BY THE GAS COMPANY. SEE ATTACHED SHEET.

Prepared by: ALEX J DANKOVICH

Reviewed by:

Region Chief

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

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

Date of Follow-Up Report: 03/24/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED MARYLAND PSC, ALEX DANKANICH.
MARYLAND

IS INVESTIGATING AND WILL REPORT ON FINDINGS.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NO ENFORCEMENT ACTION TAKEN AT THIS TIME; FINAL DETERMINATION
WILL BE

MADE AFTER INVESTIGATION IS COMPLETED.

Prepared by: KATE MILLER

Reviewed by: RALPH KUBITZ

Region Chief

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

Report ID: 920006 Condition Number(s): 2
Operator Name: MOBIL OIL CORP., WEST COAST PIPE LINES OPID: 12624
Street Address: 3020 OLD RANCH PARKWAY, SUITE 200
City: SEAL BEACH State: CA ZIP: 90740-2751

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 02/28/1992 Date Received: 02/28/1992

Reporting Official's Name: JACK R. JEFFRIES
Title: MANAGER Phone: 3104937224

Determining Person's Name: SAME
Title: Phone:

Date condition Determined to Exist: 02/26/1992
Condition Location: City: SANTA CLARITA State: CA

Specific Location: SANTA CLARA RIVER CROSSING SANTA CLARA RIVER
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: CRUDE OIL

Description of Condition: FLOODING EXPOSED PIPELINE FLOODING EXPOSED
PIPELINE

Discovery Circumstances: NOT REPORTED NOT REPORTED

Significant Effects on Safety: NOT REPORTED NOT REPORTED

Corrective Action Taken: WILL REPLACE RIVER CROSSING WITH 900' FEET OF 16"
PIPE. WILL REPLACE RIVER CROSSING WITH 900' FEET OF
16" PIPE

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WILL REPLACE RIVER CROSSING WITH PIPE
WILL REPLACE RIVER CROSSING WITH PIPE

To Begin: To Be Completed By: 03/02/1992

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

Date Sent To Region: 03/03/1992 Region: WESTERN

Date Sent To State: 03/03/1992 State/Agency: CA SFM

OPS Representative: LISA J. GARLAND

Date: 03/03/1992

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

Date of Follow-Up Report: 04/27/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: SEE ATTACHMENTS

Action Taken By Operator: SEE ATTACHMENTS

Date Repair Completed: 03/10/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by:

Region Chief

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

Report ID: 920007 Condition Number(s): 4
Operator Name: CENTRAL FLORIDA PIPELINE CORP OPID: 2190
Street Address: 1904 HEMLOCK ST.
City: TAMPA State: FL ZIP: 33605

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 02/20/1992 Date Received: 03/09/1992
Reporting Official's Name: JAMES A. PASTERNAK
Title: PIPELINE MANAGER Phone: 8132482148
Determining Person's Name: A. H. SMITH, JR.
Title: INSPECTOR Phone:
Date condition Determined to Exist: 02/19/1992
Condition Location: City: LAKELAND State: FL

Specific Location: 1000' WEST OF SIKES BLVD. BEHIND FL TILE PLANT.
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: GASOLINE/DIESEL FUEL

Description of Condition: MANUFACTURING DEFECT.

Discovery Circumstances: DETECTED BY METAL THICKNESS GAUGE.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: REPAIRED. REPLACED PIPE.

Shutdown: NO

Date Action Taken: 02/20/1992

Planned Follow-Up/Corrective Action: NONE REPORTED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/10/1992 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 03/10/1992

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

Date of Follow-Up Report: 03/25/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED PIPELINE ANOMALY INSPECTION REPORT.
MADE FOLLOW-UP PHONE CALLS TO THE CENTRAL
FLORIDA PIPELINE CORP. AS TO THE FINAL
DISPOSITION OF SAFETY RELATED CONDITION AT
BEHIND FLORIDA TILE PLANT, LAKELAND FL.

Action Taken By Operator: CUT OUT TWO SECTIONS OF 18" INCH, WELDED A
NUMBER

THREE GRADE ANOMALY AT THE LOCATION (BEHIND FLORIDA
TILE PLANT, LAKELAND) WAS REMOVED AND DISCOVERED AN
INTERNAL DEFECT IN THE PIPE.

Date Repair Completed: 02/19/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THE ANOMALY WAS DETECTED BY SMART PIG SURVEY. CONTACT
PERSON: EDDIE

FOSTER (813) 248-2148.

Prepared by: MOHAMMAD SHOAI B

Reviewed by: FREDERICK A JOYNER

Region Chief

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

Report ID: 920008 Condition Number(s): 4
Operator Name: COLUMBIA GAS TRANSMISSION CORP OPID: 2616
Street Address: 1700 MACCORKLE AVE. SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/19/1992 Date Received: 03/20/1992
Reporting Official's Name: J. O. LOKER
Title: MGR. TECHNICAL STDS. Phone: 3043572767
Determining Person's Name: B.J. SMITH
Title: SENIOR PIPELINE ENGINEER Phone: 6148955014
Date condition Determined to Exist: 03/16/1992
Condition Location: City: GRANVILLE State: OH

Specific Location: INTERSECTION OF TOWNSHIP ROAD 108 AND TOWNSHIP ROAD
10,
NE. CORNER.

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: PIPELINE DENTED BY UNKNOWN BULLDOZER OPERATOR.

Discovery Circumstances: DAMAGE DISCOVERED DURING PIPELINE PATROL AND INSPECTION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: LINE PRESSURE LOWERED TO 160 PSIG.

Reduced Pressure From (PSI): 450 to (PSI): 160

Shutdown: NO

Date Action Taken: 03/16/1992

Planned Follow-Up/Corrective Action: LINE PRESSURE LOWERED TO 160 PSIG--RAIN
IS CAUSING UNSTABLE SOIL--REPLACEMENT
WILL EXCEED 5/10 DAY RULE LIMIT.LETS UP

To Begin: 03/16/1992 To Be Completed By: 03/25/1992

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

Date Sent To Region: 03/20/1992 Region: CENTRAL

Date Sent To State: 03/20/1992 State/Agency: OH PUC

OPS Representative: LISA J. GARLAND

Date: 03/20/1992

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

Date of Follow-Up Report: 04/23/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MADE A FIELD INVESTIGATION TO INSPECT THE DAMAGED PIPE. ASCERTAINED THAT PIPELINE WAS UNDER MAXIMUM CONTROL OF THE OPERATOR AND WAS NOT DETRIMENTAL TO PUBLIC SAFETY. CHECKED OPERATOR'S OPERATING AND MAINTENANCE RECORDS.

Action Taken By Operator: CUT OUT THE DAMAGED SECTION OF THE PIPELINE AND REPLCED IT WITH A 16" DIAMETER GRADE B PIPE OF WALL THICKNESS 0.312". THE NEW PORTION WAS COATED, RECTIFIED AND PRESSURE TESTED. MAOP STILL REMAINS AT 800 PSIG AND NORMAL OPERATIONS HAVE RESUMED.

Date Repair Completed: 04/03/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: VICTOR C OMAMEH

Reviewed by: IVAN A HUNTOON

Region Chief

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

Report ID: 920009 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/23/1992 Date Received: 03/27/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3016238410

Determining Person's Name: PAUL HARBART
Title: Phone: 4125271531

Date condition Determined to Exist: 03/23/1992
Condition Location: City: KISKI TWP. ARMSTRONG CO. State: PA

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: LEAK REPORTED 3/20/92. INVESTIGATION ON 3/20/92, PIPELINE SEGMENT ISOLATED. 3/21/92 PIPELINE BLOWN DUE TO 0 PSIG. 3/23/92 LEAK AREA EXPOSED--DETERMINED TO BE LOCALIZED CORROSION.

Discovery Circumstances: PROPERTY OWNER REPORTED LEAK.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: BOLTED SPLIT SLEEVE INSTALLED ON 3/23/92.

Shutdown: NO
Date Action Taken: 03/23/1992
Planned Follow-Up/Corrective Action: 03/23/1992

To Begin: 03/23/1992 To Be Completed By: 03/23/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/30/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 03/30/1992

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

Date of Follow-Up Report: 06/26/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONE FOLLOW-UP

Action Taken By Operator: INSTALLED BOLTED SPLIT SLEEVE

Date Repair Completed: 03/23/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: LARRY E WALLACE

Reviewed by: RALPH KUBITZ

Region Chief

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

Report ID: 920010 Condition Number(s): 4
Operator Name: KOCH PIPELINES, INC. OPID: 10313
Street Address: P.O. B0X 67
City: COTTAGE GROVE State: MN ZIP: 55016

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 03/27/1992 Date Received: 03/30/1992
Reporting Official's Name: PHIL GAARDER
Title: DIVISION MANAGER Phone: 6124584860
Determining Person's Name: JOHN HUTSELL
Title: MAINTENANCE SUPERVISOR Phone: 6124584841
Date condition Determined to Exist: 03/12/1992
Condition Location: City: PINE BEND TO JUNCTION CIT State: WI

Specific Location: VARIES

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: CRUDE OIL.

Description of Condition: APPROXIMATELY 140 ANOMINALES FOUND ON THIS SECTION
OF THE LINE (DENTS).

Discovery Circumstances: INTERPRETATION OF NOWSCO INSPECTION TOOL DATA
ALONG WITH FIELD EXCAVATION TO VERIFY TOOL DATA.
38 DIGS PERFORMED TO DATE.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: FULL ENCIRCLEMENT SLEEVES TO BE INSTALLED OVER DENTS.

Shutdown: NO

Date Action Taken: 03/18/1992

Planned Follow-Up/Corrective Action: DURING 2-3 WEEK REPAIR PERIOD, PRESSURE
WILL BE RESTRICTED TO 1000 PSIC AT
UNEXCAVATED SEVERE AND MODERATE DEFECT
LOCATIONS.

To Begin: 03/18/1992 To Be Completed By:

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

Date Sent To Region: 03/30/1992 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 03/30/1992

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

Date of Follow-Up Report: 04/14/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: ALL REPAIRS TO DEFECT, IDENTIFIED BY NOWSCO
INSPECTION TOOL ON THE PIPELINE FROM PINE BEND,
MINNESOTA TO JUNCTION CITY, WISCONSIN WERE COMPLETED
ON 4/7/92.

Date Repair Completed: 04/04/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: RALPH B HANDLIN

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 920011 Condition Number(s): 1
Operator Name: INDIANA GAS CO INC OPID: 8070
Street Address: 1630 NORTH MERIDIAN ST.
City: INDIANAPOLIS State: IN ZIP: 46201-1496

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/30/1992 Date Received: 03/30/1992
Reporting Official's Name: GREGORY W. ALEXANDER
Title: CORROSION CONTROL ENGINEER Phone:
Determining Person's Name: J. BALENSIEFER
Title: DIR. ENG. STDS. & TECH SVCS. Phone: 3173667128
Date condition Determined to Exist: 03/30/1992
Condition Location: City: RURAL NOBELSVILLE State: IN

Specific Location: 11567 E. 136TH ST. 0.4 MILES W OF MARILYN ROAD--
HAMILTON 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: CORROSION LEAK ON 18-INCH GAS PIPELINE OPERATING OVER 20% SMYS.

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: BOLTED PLIDCO SPLIT & SLEEVE W/MAX OPERATING PRESSURE OF 1000 PSIG.

Shutdown: NO

Date Action Taken: 03/27/1992

Planned Follow-Up/Corrective Action: FOLLOW MANUFACTURER'S WELDING PROCEDURE

TO WELD PLIDCO SPLIT & SLEEVE TO PIPELINE AS A PERMANENTE REPAIR.

To Begin: 03/27/1992 To Be Completed By: 04/03/1992
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/30/1992 Region: CENTRAL
Date Sent To State: 03/30/1992 State/Agency: IN URC
OPS Representative: LISA GARLAND
Date: 03/30/1992

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

Date of Follow-Up Report: 06/15/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ONSITE INSPECTION

Action Taken By Operator: BOLTED ON A PLIDCO SPLIT SLEEVE (MAXIMUM OPERATING

PRESSURE 1000 PSI) THEN FOLLOWED MANUFACTURER'S WELDING PROCEDURE TO MAKE THE REPAIR PERMANENT.

Date Repair Completed: 04/03/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: LARRY N KIRBY

Reviewed by: I A HUNTON

Region Chief

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

Report ID: 920013 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/03/1992 Date Received: 04/13/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3046238410

Determining Person's Name:

Title: Phone:

Date condition Determined to Exist: 04/03/1992

Condition Location: City: N. OF BROOKVILLE, ELDRED State: PA

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: LINE WAS EXPOSED ON 4/3/92 REVEALING LEAK LOCATION INSIDE CASING.

Discovery Circumstances: LINE WALKING DISCOVERED INDICATION OF LEAK IN ROAD

CROSSING ON 4/2/92.

Significant Effects on Safety: NONE

Corrective Action Taken: REPLACED 146 FEET OF PIPEL AT RAOD CROSSING.

Shutdown: NO

Date Action Taken: 04/03/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 04/03/1992 To Be Completed By: 04/08/1992

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

Date Sent To Region: 04/14/1992 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 04/14/1992

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

Date of Follow-Up Report: 06/26/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TELEPHONE FOLLOW-UP

Action Taken By Operator: REPLACED 146 FEET OF PIPE

Date Repair Completed: 04/08/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: LARRY E WALLACE

Reviewed by: RALPH KUBITZ

Region Chief

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

Report ID: 920014 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 26302

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/20/1992 Date Received: 04/24/1992

Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS

Title: ADMINISTRATOR Phone: 3046238410

Determining Person's Name: CHARLES MUTH

Title: CREW FOREMAN Phone: 8145835171

Date condition Determined to Exist: 04/20/1992

Condition Location: City: CORSICA, JEFFERSON CO State: PA

Specific Location: RT 322

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: LINE 10 IS A BARE DRESSER COUPLED LINE OPERATING AT ABOUT 450 PSIG. THE MAOP OF THE LINE IS 475 PSIG WHICH IS ABOUT 28% OF SMYS.

Discovery Circumstances: OWNER OF FYOCK'S RADIATOR SHOP REPORTED LEAK ABOUT

130' FROM SHOP. BELLHOLE WAS DUG AND LOCALIZED PITTING WAS IDENTIFIED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: INSTALLED SPLIT SLEEVE OVER LEAK. ADDITIONAL PITS ON

EXPOSED PIPING WERE EVALUATED AND AN ADDITIONAL SPLIT WAS INSTALLED OVER ONE.

Shutdown: NO

Date Action Taken: 04/02/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 04/20/1992 To Be Completed By: 04/23/1992

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

Date Sent To Region: 04/24/1992 Region: EASTERN

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 04/24/1992

**** 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: 04/23/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: K RAY MILLER

Reviewed by: L E WALLAN

Region Chief

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

Report ID: 920015 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/22/1992 Date Received: 04/27/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3046238410

Determining Person's Name: ED RAWSON
Title: UTILITY MAN Phone: 8143672237

Date condition Determined to Exist: 04/22/1992
Condition Location: City: TIOCA CO, FARMINGTON TWP State: PA

Specific Location: 50' WEST OF T693
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: NOT REPORTED

Discovery Circumstances: FARMER REPORTED LEAK INDICATION ON 4/21/92. INVESTIGATED SAME DATE. LINE ISOLATED AND BLEWDOWN TO ATMOSPHERIC PRESSURE 4/21/92. AND BLEWDOWN TO ATMOSPHERIC PRESSURE AT 11 AM

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: REPLACED APPROXIMATELY 18" OF PIPE.

Shutdown: NO

Date Action Taken: 04/21/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 04/28/1992 To Be Completed By: 04/28/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/27/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 04/27/1992

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

Date of Follow-Up Report: 08/21/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPLACED 18" OF PIPELINE

Date Repair Completed: 04/29/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR MADE REPLACEMENT IN APRIL. PLEASE CLOSE REPORT. (Phillip closed

this one today 6/26/96)

Prepared by: KATE MILLER

Reviewed by: Phillip Nguyen

Region Chief

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

Report ID: 920016 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/23/1992 Date Received: 04/28/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3046238410
Determining Person's Name: DOUG MCCAUSHIN
Title: CREW FOREMAN Phone: 8145835171
Date condition Determined to Exist: 04/23/1992
Condition Location: City: RIDGEWAY ELK CO State: PA

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: LOCALIZED PITTING RESULTING IN GAS LEAK
APPROXIMATELY 10' SOUTH OF CENTER LINE OF SR4001.

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PERMANENT REPAIR BY INSTALLING A SPLIT SLEEVE
OVER

THE PITTED AREA.

Shutdown: NO
Date Action Taken: 04/23/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: 04/23/1992 To Be Completed By: 04/23/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/28/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 04/28/1992

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

Date of Follow-Up Report: 05/21/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: PERMANENT REPAIR BY A SPLIT SLEEVE MAOP; 475 PSI
(PIPE SPECS: LN10, 12 3/4 OD SIZE, 0.312" WT, GRADE
B INSTALLED BEFORE 1940.

Date Repair Completed: 04/24/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: REQUEST TO CLOSE THIS SRCR.

Prepared by: PHILLIP NGUYEN

Reviewed by: RALPH KUBITZ

Region Chief

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

Report ID: 920017 Condition Number(s): 2
Operator Name: ARCO PIPELINE COMPANY OPID: 809
Street Address: 15600 JFK BLBD. SUITE 300
City: HOUSTON State: TX ZIP: 77032

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/22/1992 Date Received: 04/28/1992
Reporting Official's Name: ROBERT L. KUHNS
Title: SENIOR ENGINEER Phone: 7139865372
Determining Person's Name: LARRY E. GRAVES
Title: MGR. OPERATIONS COMPLIANCE Phone: 7139865368
Date condition Determined to Exist: 04/15/1992
Condition Location: City: HARRIS COUNTY State: TX

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: LIQUID PRODUCTS

Description of Condition: NOT REPORTED

Discovery Circumstances: HARRIS COUNTY FLOOD CONTROL PERSONNEL WERE MAKING

A ROUTINE INSPECTION OF HALLS BAYOU DUE TO RECENT 3/4/92 FLOODING.

Significant Effects on Safety: FLOOD WATERS ARE CAUSING SOIL EROSION ON BAYOU BANKS AND DAMAGE TO PIPELINE SUPPORTS.

Corrective Action Taken: CONTRACTORS REVIEWED CROSSING ON 4/22/92 TO FORMULATE

A PLAN OF ACTION TO STABILIZE PIPELINE CROSSING.

Shutdown: NO
Date Action Taken: 04/22/1992
Planned Follow-Up/Corrective Action: PLAN WILL BE DEVELOPED TO MAKE PERMANENT

REPAIRS TO PIPELINE CROSSING.

To Begin: 04/22/1992 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/28/1992 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 04/28/1992

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

Date of Follow-Up Report: 07/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: PILINGS FOR THE PIPELINE CROSSING AT HALLS BAYOU
HAVE BEEN INSTALLED. PILINGS FOR THE PIPELINE
CROSSING AT HALLS BAYOU HAVE BEEN INSTALLED.

Date Repair Completed: 06/05/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 07/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: PILINGS FOR THE PIPELINE CROSSING AT HALLS BAYOU
HAVE BEEN INSTALLED. PILINGS FOR THE PIPELINE
CROSSING AT HALLS BAYOU HAVE BEEN INSTALLED.

Date Repair Completed: 06/05/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: NORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/03/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: REPORT PILINGS INPLACE. BRACING IS BEING WELDED
TO PILINGS THIS WEEK. EXPECT TO HAVE PROJECT
COMPLETED BY 6/8/92.

Action Taken By Operator: SEE ABOVE

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: MORRIS MILEY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: LARRY E. GRAVES REPORTED THE HALLS BAYOU CROSSING WAS ABOVE GROUND AND THAT THE PIPE HAD NOT MOVED. TEMPORARY PILIZAS HAD BEEN INSTALLED TO SECURE THE PIPE FROM MOVING. TEMPORARILY. PILIZAS HAD BEEN INSTALLED TOS ERVE THE PIPE FROM MOVING.

Action Taken By Operator: WILL CLOSELY MONITOR UNTIL PERMANENT REPAIRS ARE

MADE. BIDS UNDERWAY.

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920018 Condition Number(s): 1
Operator Name: ALL AMERICAN PIPELINE COMPANY OPID: 300
Street Address: 333 CLAY STREET, SUITE 2700
City: HOUSTON State: TX ZIP: 77002

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/21/1992 Date Received: 04/28/1992
Reporting Official's Name: JORDAN JANAK
Title: DIR. REG. COMPLIANCE & SAFETY Phone: 7137504587
Determining Person's Name: THOMAS WEBB
Title: MGR. CORROSION CONTROL Phone: 8053985326
Date condition Determined to Exist: 04/16/1992
Condition Location: City: EL PASO COUNTY State: TX

Specific Location: MILE MARKER 838.00
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: GENERAL CORROSION RESULTED DUE TO A GAP IN THE PIPELINE COATING. THIS CONDITION HASN'T BEEN FOUND ANYWHERE ELSE ON THE PIPELINE.

Discovery Circumstances: CORROSION WAS DISCOVERED DURING A SCHEDULED EXCAVATION TO INVESTIGATE AN ANOMALY DETECTED BY VETCO'S INTELLIGENT PIG INSPECTION TOOL.

Significant Effects on Safety: IF CORRODED SECTION WERE TO OPERATE AT SYSTEM MAOP, THE SAFE OPERATING PRESSURE FOR THE REMAINING WALL THICKNESS WOULD BE EXCEEDED. TO OPERATE

Corrective Action Taken: A FULL CIRCLE MECHANICAL SLEEVE WILL BE INSTALLED AROUND THE CORRODED PIPE SECTION. REPAIR SLEEVE WILL BE PRESSURE CONTAINING AND DESIGNED FOR SYSTEM MOP OF 944 PSI. AREA TO BE RECOATED W/RAYCHEM SHRINK SLEEVES.

Shutdown: NOT REPORTED
Date Action Taken: 04/21/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: 04/21/1992 To Be Completed By: 04/22/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/28/1992 Region: SOUTHWES

Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 04/28/1992

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

Date of Follow-Up Report: 06/03/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REPAIR SLEEVE INSTALLED 4/22/92.

Action Taken By Operator: SEE ABOVE

Date Repair Completed: 04/22/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILEY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 04/29/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED JORDAN JANAK. HE CONFIRMED THAT THE SRC

WAS CORRECTED BY INSTALLING A 10' FULL
ENCIRCLEMENT SLEEVE. PROJECT COMPLETED
4/22/1992.

Action Taken By Operator: WILL REVIEW WHEN INSPECTED BY SW REGION LATER IN
1992.

Date Repair Completed: 04/22/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920019 Condition Number(s): 5
Operator Name: TENNESSEE GAS PIPELINE COMPANY OPID: 19160
Street Address: P.O. BOX 2511
City: HOUSTON State: TX ZIP: 77252-2511

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/23/1992 Date Received: 04/30/1992
Reporting Official's Name: A. NEWTON
Title: ATTORNEY AT LAW Phone: 7137572042
Determining Person's Name: L.J. BROUSSARD
Title: DIR. OF COMPRESSOR P/L SERVICE Phone: 7137572552
Date condition Determined to Exist: 04/23/1992
Condition Location: City: GRAND CHENIER State: LA

Specific Location: INSIDE THE GRAND CHENIER PLANT YARD
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: NATURAL GAS

Description of Condition: UNKNOWN PARTIES CLOSED A PIPELINE BLOCK VALVE INSIDE

THE PLANT YARD CAUSING PRESSURE TO RISE TO 1230 PSIG. MAOP IS 999 PSIG. CONDITION CORRECTED IMMEDIATELY UPON DISCOVERY--RESULTING IN NO DAMAGE.

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PIPELINE BLOCK VALVES ARE IMMEDIATELY BEING LOCKED IN

THE PROPER POSITION. PRESSURE LIMITING REGUALTION TO PERMANENTLY PROTECT THIS EQUIPMENT IS PLANNED FOR INSTALLATION THIS SUMMER.

Reduced Pressure From (PSI): 1230 to (PSI): 999

Shutdown: NO

Date Action Taken: 04/16/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By: 04/16/1992

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

Date Sent To Region: 04/16/1992 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 04/30/1992

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

Date of Follow-Up Report: 10/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored by region

Action Taken By Operator: Reviewed pipe data and reduced MAOP to comply with
the location.

Date Repair Completed: 05/31/1993

Resulted in Incidents After Report: NO

Date of Incident: 04/23/1992

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.

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

Date of Follow-Up Report: 04/29/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Company have concluded that the best solution is to reduce the MAOP of the pipelines feeding into this line. Final action to be taken by May 31,1993.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Complete the SRC by May 31,1993.

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: 12/10/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: No change in status of the SRC.

Action Taken By Operator:

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: N E Miley

Reviewed by: J C Thomas

Region Chief

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

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

Date of Follow-Up Report: 10/01/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Mr. Al Richardson reports the company have decided to lower the MAOP at that location and install overpressure protection.

Action Taken By Operator: Work is in progress.

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 E. Miley

Reviewed by: J. C. Thomas

Region Chief

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

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

Date of Follow-Up Report: 08/19/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE FROM 7/21/92 FOLLOW UP REPORT.

Action Taken By Operator:

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 E MILEY

Reviewed by: JC THOMAS

Region Chief

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

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

Date of Follow-Up Report: 07/21/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CALLED FOR A STATUS REPORT & TENN GAS PL ADVISED

THAT THE PIPE REHAB WORK IS IN PROGRESS. EXPECT PROJECT TO BE COMPLETED BY THE 4TH QUARTER OF 1992.

Action Taken By Operator:

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 E MILOY

Reviewed by: NORRIS E MILOY

Region Chief

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

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

Date of Follow-Up Report: 07/02/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGES TO REPORT

Action Taken By Operator:

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 06/02/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NO CHANGE TO REPORT

Action Taken By Operator:

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: MORRIS E MILEY

Reviewed by: J C THOMAS

Region Chief

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

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

Date of Follow-Up Report: 05/05/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CALLED MR BROUSSARD AND AL RICHARDSON TO REVIEW

THE PROPOSED OR PLANNED CORRECTIVE ACTION. PLANS ARE TO INSTALL CONTROL EQUIPMENT WHICH WILL MONITOR THE PRESSURE AND CLOSE OFF THE FLOW OF GAS AND PREVENT EXCEEDING THE MAOP.

Action Taken By Operator: WORK WILL BE COMPLETED THIS SUMMER.

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: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920020 Condition Number(s): 1
Operator Name: TEXAS EASTERN GAS PIPELINE CO OPID: 19235
Street Address: P.O. BOX 426
City: BAYTOWN State: TX ZIP: 77520

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/16/1992 Date Received: 05/01/1992

Reporting Official's Name: EDWARD L. KLAUS

Title: Phone:

Determining Person's Name: THOMSA V. WOODEN, JR.

Title: Phone: 7134246838

Date condition Determined to Exist: 04/16/1992

Condition Location: City: ROBSTOWN State: TX

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: AREA PERSONNEL DISCOVERED PIPELINE CORROSION LEAK IN

ROAD CASING.

Discovery Circumstances: SAFETY RELATED CONDITION WAS DISCOVERED WHILE PERFORMING ROUTINE LEAK SURVEYS. THE PIPELINE WAS BLOWN DOWN 4/16/92.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: THE PIPELINE WAS RETURNED TO SERVICE 4/24/92 FOLLOWING COMPLETION OF PIPE REPLACEMENT.

Shutdown: NOT REPORTED

Date Action Taken: 04/16/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

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

Date Sent To Region: 05/01/1992 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 05/01/1992

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

Date of Follow-Up Report: 05/05/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: MR THOMAS WOODEN REPORTS LOOK WAS INSIDE THE

CASING AT A VOID IN THE COATING. CASING WAS NOT SHORTAGE. 215 FEET OF PIPE WAS REPLACED 2ND LINE RETURNED TO SERVICE.

Action Taken By Operator:

Date Repair Completed: 04/24/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILOY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920021 Condition Number(s): 4
Operator Name: COLUMBIA GAS TRANSMISSION OPID: 2126
Street Address: PO BOX 1273
City: CHARLESTON State: WV ZIP: 25325

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/01/1992 Date Received: 05/01/1992
Reporting Official's Name: J. O. LOKER
Title: MANAGER, TECHNICAL STANDARDS Phone: 3043572767
Determining Person's Name: J. A ROTH/L.G. WALKER
Title: AREA SUPT./OPERATIONS SUPV. Phone: 2162642201
Date condition Determined to Exist: 04/29/1992
Condition Location: City: WEST TOWNSHIP State: OH

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
Product in Pipeline: NATURAL GAS
Description of Condition: DURING A ROUTINE PATROL, A 3" X 16" GAUGE WAS
DISCOVERED. DAMAGE ATTRIBUTED TO A LANDOWNER'S
CHANNEL DREDGING ACTIVITY DURING FALL 1991. NO
NOTICE WAS RECEIVED.
Discovery Circumstances: SEE ABOVE.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: OPERATING PRESSURE REDUCED FROM 500 PSIG TO 310
PSIG.
LINE IS ISOLATED BETWEEN HANOVETON AND EAST ROCHESTER
MAINLINE GATES. THIS ISOLATES THIS SECTION AND LEAVES
RURAL CUSTOMERS ON THE PIPELINE.

Reduced Pressure From (PSI): 500 to (PSI): 310
Shutdown: NO
Date Action Taken: 04/29/1992
Planned Follow-Up/Corrective Action: A SHORT SECTION, ESTIMATED 25', TO BE
REPLACED.

To Begin: 05/05/1992 To Be Completed By: 05/08/1992
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/04/1992 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 05/04/1992

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

Date of Follow-Up Report: 05/08/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: PIPELINE WAS REMOVED FROM SERVICE AND THE AFFECTED WAS CUT OUT. AN INVESTIGATION WAS MADE ON THE DAMAGED SECTION IN THE WAREHOUSE. THE PIPELINE WAS UNDER THE CONTROL OF THE OPERATOR AT ALL TIMES. THERE WAS NOT ANY DETRIMENTAL THREAT TO PUBLIC SAFETY. A CHECK OF THE OPERATOR'S OPERATING AND MAINTENANCE PROCEDURES COMPLY WITH FEDERAL MINIMUM STANDARDS.

Action Taken By Operator: CUT OT THE DAMAGED SECTION OF THE PIPELINE AND REPLACED IT WITH 28' OF 12" COATED X-TRU 250 WALL THICKNESS GRADE B PIPE. ALSO FOUR 45 DEGREE ELBOWS WERE WELDED INTO PLACE. PIPE WAS PRE-PRESSURE TESTED. THE NEW SECTION OF PIPE IS UNDER CATHODIC PROTECTION BY USE OF RECTIFIER. MAOP IS NOW 500 PSIG AND NORMAL OPERATIONS HAVE RESUMED.

Date Repair Completed: 05/07/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: WILLIAM M RUBENSTAHL

Reviewed by: IVAN A. HUNTON

Region Chief

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

Report ID: 920022 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE CO OPID: 2731
Street Address: P.O.BOX 1150
City: MIDLAND State: TX ZIP: 79702

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/11/1992 Date Received: 05/11/1992
Reporting Official's Name: MARK HILDEBRAND
Title: Phone: 9156877458
Determining Person's Name: CARL BLAKE
Title: INSPECTOR Phone: 9153356275
Date condition Determined to Exist: 05/07/1992
Condition Location: City: REEVES COUNTY State: TX

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: CRUDE OIL
Description of Condition: INTERNAL BODY WALL INSPECTION INDICATED
EXCESSIVE
CORROSION PITTING.

Discovery Circumstances:

Significant Effects on Safety: CONDITION IS AT A LOCATION WHERE LIQUID LOSS
COULD REASONABLY BE EXPECTED TO POLLUTE ANY
STREAM, RIVER, LAKE, RESEVOIR, ETC.

Corrective Action Taken: PIPE HAS BEEN REPAIRED.

Shutdown: NO
Date Action Taken: 05/07/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/12/1992 Region: SOUTHWES
Date Sent To State: 05/12/1992 State/Agency: TX RRC
OPS Representative: LISA J. GARLAND
Date: 05/12/1992

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

Date of Follow-Up Report: 07/21/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NO FOLLOW UP REQUIRED

Action Taken By Operator:

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 E MILOY

Reviewed by: NORRIS E MILOY

Region Chief

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

Report ID: 920023 Condition Number(s): 9
Operator Name: KOCH PIPELINES, INC. OPID: 10313
Street Address: P.O. BOX 67
City: COTTAGE GROVE State: MN ZIP: 55016

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 05/08/1992 Date Received: 05/12/1992
Reporting Official's Name: PHIL GAARDER
Title: DIVISION MANAGER Phone: 6124592424
Determining Person's Name: PHIL GAARDER
Title: DIVISION MANAGER Phone: 6124592424
Date condition Determined to Exist: 05/08/1992
Condition Location: City: HARRISON COUNTY State: MO

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
9. Other: PIPELINE SUSPENDED
Product in Pipeline: CRUDE OIL.
Description of Condition: PIPELINE IS SUSPENDED WITHIN THE RIVERBANK OF THE
GRAND RIVER.
Discovery Circumstances: DISCOVERED BY A KOCH PIPELINE EMPLOYEE.
Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: KOCH PERSONNEL AND CONTRACTORS WILL RESTABILIZE
THE
RIVERBANK TO SUPPORT THE PIPELINE SEGMENT.

Shutdown: NO
Date Action Taken: 05/08/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: 05/08/1992 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/14/1992 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 05/14/1992

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

Date of Follow-Up Report: 06/02/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CENTRAL REGION MONITORED PROGRESS OF
REMEDIAL

ACTIONS TO CORRECT SRC.

Action Taken By Operator: RELOCATED PIPELINE TO A NEW RIGHT OF WAY 500 FT.
FROM THE RIVER BANK. THIS REQUIRED INSTALLATION OF
3000 FT. OF NEW 20" DIA .281 W.T., X .65 PIPE

Date Repair Completed: 05/14/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: ROLAND L MILLER

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 920024 Condition Number(s): 1
Operator Name: TEXACO NATURAL GAS PLANTS & LIQUID DIVISION OPID: 19229
Street Address: PO BOX 1650
City: TULSA State: OK ZIP: 74102

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/21/1992 Date Received: 05/21/1992
Reporting Official's Name: MICHAEL A. BURGESS
Title: SAFETY & IND. HYGIENE SUPV Phone: 9185606432
Determining Person's Name: MICHAEL A. BURGESS
Title: SAFETY & IND. HYGIENE SUPV Phone: 9185606432
Date condition Determined to Exist: 05/13/1992
Condition Location: City: NEW IBERIA State: LA

Specific Location: CYPREMORT POINT VALVE SITE, 20 MILES SOUTH OF NEW
IBERIA, LA, NEAR HWY 318, IN ST. MARY PARISH, LA.

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: EXTERNAL CORROSION DETECTED ON 8" STEEL PIPELINE.

Discovery Circumstances: ROUTINE INSPECTION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: MOP REDUCED FROM 2130 PSI TO 1789 PSI; RELIEF VALVES
RESET TO PROTECT LINE FROM EXCEEDING 1789 MOP.

Reduced Pressure From (PSI): 2130 to (PSI): 1789

Shutdown: NO

Date Action Taken: 05/13/1992

Planned Follow-Up/Corrective Action: FULL ENCIRCLEMENT PRESSURE CONTAINING
WELDED SLEEVE DESIGNED TO HANDLE 2130 MOP
WILL BE WELDED AROUND THE LINE.

To Begin: To Be Completed By: 06/15/1992

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

Date Sent To Region: 05/26/1992 Region: SOUTHWES

Date Sent To State: 05/26/1992 State/Agency: LA

OPS Representative: LISA J. GARLAND

Date: 05/26/1992

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

Date of Follow-Up Report: 06/10/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: EXAMINED CALCULATIONS THAT INDICATED A REDUCTION

IN MOP WAS WARRANTED. REVIEWED ALL REPAIR RECORDS AND WELDING PROCEDURES USED DURING THE REPAIR.

Action Taken By Operator: LOWERED MOP FROM 2130 TO 1789. LINE NORMALLY OPERATES TO 950 PSI. INSTALLED A WELDED SPLIT SLEEVE TO REPAIR THE CORRODED AREA. NDT THE WELDS. AFTER REPAIRS COMPLETED AND ACCEPTED LINE MOP WAS RETURNED TO 2,160 PSIG.

Date Repair Completed: 06/08/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: 1) CORRODED AREA WAS AT THE GROUND LINE. WATER APPARENTLY GOT UNDER THE

PROTECTIVE COATING AS IT SEPARATED FROM THE PIPE. 2) CALCULATION INDICATED AT LEAST A 16% REDUCTION IN MOP, 2,130 PSIG TO 1,789 PSIG.

LINE OPERATED AT 950 PSIG. 3) COMMODITY TRANSPORTED IN NGL NOT NATURAL

GAS. LINE UNDER 49CFR195.

Prepared by: DANA ARAHIE

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920025 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/26/1992 Date Received: 05/26/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3046238410
Determining Person's Name: ED RAWSON
Title: UTILITYMAN Phone: 8143672237
Date condition Determined to Exist: 05/18/1992
Condition Location: City: NORWICH TWNSP State: PA

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: PIPELINE EXPOSED ON 5/18/92 REVEALING LEAK CAUSED BY

LOCALIZED CORROSION.

Discovery Circumstances: PROPERTY OWNER REPORTED LEAK INDICATION ON 5/16/92. INVESTIGATED ON 5/16/92 AND GRADED AS A

2.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: SKINNER CLAMP INSTALLED TO STOP LEAK. MOP REDUCED TO

650 PSIG UNTIL PIPE REPLACEMENT CAN BE MADE.

Shutdown: NO
Date Action Taken: 05/18/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: 06/15/1992 To Be Completed By: 06/18/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/27/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 05/27/1992

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

Date of Follow-Up Report: 07/15/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPLACED 17 FEET OF PIPE.

Date Repair Completed: 06/19/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: PLEASE CLOSE THIS SAFETY RELATED CONDITION REPORT. NO FOLLOW
UP REPORTS

NECESSARY.

Prepared by: KATE MILLER

Reviewed by: L E WALLAN

Region Chief

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

Report ID: 920026 Condition Number(s): 1
Operator Name: ENRON NORTHERN NATURAL GAS COMPANY OPID:
Street Address: PO BOX 1188
City: HOUSTON State: TX ZIP: 77251-1188

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 05/26/1992 Date Received: 05/28/1992
Reporting Official's Name: JOHN WM. CASKEY
Title: CODE COMPLIANCE ENGINEER Phone: 7138537325
Determining Person's Name: RICK WOLVERTON
Title: FIELD TECHNICIAN Phone: 5158293816
Date condition Determined to Exist: 05/21/1992
Condition Location: City: HANCOCK CTY State: IA

Specific Location: OGDEN TO VENTURA A LINE, IAM 60601, MP 74.880, S27,
T95N, R23W, NORTH SIDE OF COUNTY RD R68

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 VERY SMALL HOLES LOCATED IN CORROSION PITS.
THE

PIPELINE IS A BARE LINE, 20" OD, 0.281" WALL; 30,000
PSI SMYS, 500 PSI MAOP, HOT-SPOT PROTECTED.

Discovery Circumstances: A NATURAL GAS LEAK WAS FOUND DURING A
SCHEDULED

GAS LEAK DETECTION SURVEY.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: ONE LEAK WAS REPAIRED WITH A SLEEVE AND ONE WITH
A

PATCH ON 5/21/92. TWO ANODES WERE INSTALLED. NO
ADDITIONAL REPAIR ACTION IS REQUIRED.

Shutdown: NOT REPORTED

Date Action Taken: 05/21/1992

Planned Follow-Up/Corrective Action: NONE REQUIRED.

To Begin: To Be Completed By:

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

Date Sent To Region: 05/29/1992 Region: CENTRAL

Date Sent To State: 05/29/1992 State/Agency: IA

OPS Representative: LISA J. GARLAND

Date: 05/29/1992

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

Date of Follow-Up Report: 06/16/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: PHONED JOHN CASKEY OF ENRON TO CONFIRM
INFORMATION ON SRCR AND TO REQUEST ADDITIONAL
INFORMATION

Action Taken By Operator: THE LEAKS WERE REPAIRED ON 5/21/92 AND TWO
ANODES

WERE INSTALLED.

Date Repair Completed: 05/21/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by:

Region Chief

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

Report ID: 920027 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: 06/01/1992 Date Received: 06/02/1992

Reporting Official's Name: JOHN A. PATTON

Title: PROJECT ENGINEER Phone: 6019363040

Determining Person's Name: LARRY BUIE

Title: SUPERINTENDENT Phone: 6013696853

Date condition Determined to Exist: 05/29/9291

Condition Location: City: PRAIRIE, MONROE CO. State: MS

Specific Location: 3 MILES SOUTH OF PRAIRIE, MONROE CO., APPROX. M.P.
35.311 ON MULDON STORAGE 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: AN 8" WIDE BAND OF GENERAL CORROSION EXTENDING AROUND THE CIRCUMFERENCE OF THE PIPE WAS DISCOVERED AT THE SOIL/AIRE INTERFACE ON A REGULATION STATION RISER.

Discovery Circumstances: NOT REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: THE MAOP OF THIS FACILITY IS 2640 PSIG. THE MAOP COMMENSURATE WITH THE WALL THICKNESS AT THE POINT OF THE MOST SEVERE CORROSION HAS BEEN REDUCED TO 2574 PSIG.

Reduced Pressure From (PSI): 2640 to (PSI): 2574

Shutdown: NO

Date Action Taken: 05/29/1992

Planned Follow-Up/Corrective Action: A FULL ENCIRCLEMENT WELDED SPLIT SLEEVE OF APPROPRIATE DESIGN WILL BE INSTALLED OVER THE AREA OF GENERAL CORROSION.

To Begin: 06/08/1992 To Be Completed By: 06/10/1992

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

Date Sent To Region: 06/02/1992 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND
Date: 06/02/1992

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

Date of Follow-Up Report: 01/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED OPERATOR TO CHECK STATUS OF THIS SRC, #
920027

Action Taken By Operator: ON JUNE 16, 1992 THE OPERATOR WELDED A FULL WRAP
SLEEVE OVER THE GENERAL CORROSION AREA.

Date Repair Completed: 06/16/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO COMPLIANCE ACTIONS TAKEN

Prepared by: BENJAMIN H. ANDREWS

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

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

Date of Follow-Up Report: 01/03/1993

Further Follow-Up Reports Forthcoming: NO

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

Action Taken By Operator: A full encirclement welded split sleeve of appropriate design will be installed over the area of general corrosion. Repairs were made on June 6, 1992 as previously indicated.

Date Repair Completed: 06/16/1992

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: 920028 Condition Number(s): 9
Operator Name: KERR MCGEE REFINING CORPORATION OPID: 10191
Street Address: PO BOX 25861
City: OKLAHOMA CITY State: OK ZIP: 73125

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/28/1992 Date Received: 06/02/1992

Reporting Official's Name: M.L. DAVIS
Title: SUPERINTENDENT Phone: 9182257758

Determining Person's Name: SEE ABOVE

Title: Phone:

Date condition Determined to Exist: 05/28/1992

Condition Location: City: BOLEY State: OK

Specific Location: US 62, 1 MILE EAST, SOUTH ON GRAVEL ROAD FOR 1 MILE,
SOUTH 1/2 MILE THROUGH CORN FIELD.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: RIVERBANK WASH

Product in Pipeline: NATURAL GAS

Description of Condition: RIVER BANK HAS WASHED TO THE NORTH EXPOSING
PIPELINE.

Discovery Circumstances:

Significant Effects on Safety: POSSIBILTY OF TREE WASHING DOWN RIVER AND
DAMAGING PIPELINE.

Corrective Action Taken: NONE.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: CONTINUE TO MONITOR SITUATION UNTIL
WEATHER CONDITONS PERMIT LOWERING OF
PIPELINE. WEATHER CONDITIONS PERMIT
LOWERING OF PIPELINE. R CONDITIONS PERMIT
LOWERING OF PIPELINE. CONDITIONS PERMIT
LOWERING OF PIPELINE.

To Begin: To Be Completed By: 08/31/1992

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

Date Sent To Region: 06/02/1992 Region: SOUTHWES

Date Sent To State: 06/02/1992 State/Agency: OK CC

OPS Representative: LISA J. GARLAND

Date: 06/02/1992

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

Date of Follow-Up Report: 02/14/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Ok. Inspector visited the ssite twice.

Action Taken By Operator: River diverted and the line reburied

Date Repair Completed: 09/14/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: For some reason the NRC was not reported closed.

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: 07/02/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: AN INSPECTOR HAS VISITED THE SITE TWICE AND HAS REQUIRED THE COMPANY TO PROVIDE WRITTEN INFORMATION ON THE LINE AND ACTION TAKEN BY THE COMPANY.

Action Taken By Operator: WILL MONITOR TO KEEP DEBRIS AWAY FROM EXPOSED PIPE

UNTIL CORRECTIVE ACTION IS COMPLETED.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: JUNE 22-I VISITED THE SITE, SPOKE TO KERR MCGEE FIELD FOREMAN AND WELDER

ON SITE. JUNE 24-CALLED MIKE DAVIS, DISTRICT SUPERINTENDENT ABOUT THE

SITUATION AND WHAT THE COMPANY'S PLAN OF ACTION WERE. JUNE 24-DENNIS

CALLED MR. JIM WARREN, KERR MCGEE'S VP AND DISCUSSED WITH HIM WRITTEN

PROCEDURES FOR MONITERING, EMERGENCY RESPONSE AND TIME FRAME FOR

REPAIR.JUNE 25-I VISITED THE SITE AGAIN AND TOOK PICTURES OF THE AREA.

JULY 2-FAX INFORMATION FO DOT, HOUSTON.

Prepared by: TODD DUGAN

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920029 Condition Number(s): 1
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: INTERSTATE

Date of Report: 05/22/1992 Date Received: 06/02/1992

Reporting Official's Name: C.A. BEAN

Title: Phone:

Determining Person's Name: DWAYNE TESCHENDORF

Title: SENIOR ENGINEER Phone: 7136275573

Date condition Determined to Exist: 05/22/1992

Condition Location: City: GEORGE WEST State: TX

Specific Location: 7 MILE WEST OF AIRPORT 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: WHEN THE LEAK WAS DISCOVERED, THE LINE CONTAINED
25

PSIG OF NATURAL GAS PRESSURE BUT WAS NOT FLOWING.

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: ON 5/22/92, THE LATERAL WAS ISOLATED AND PRESSURE
WAS

BLOWN DOWN TO 0 PSIG. THE LINE WILL REMAIN IN THIS
CONDITION.

Reduced Pressure From (PSI): 25 to (PSI): 0

Shutdown: NO

Date Action Taken: 05/22/1992

Planned Follow-Up/Corrective Action: NONE REPORTED

To Begin: To Be Completed By:

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

Date Sent To Region: 06/03/1992 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND

Date: 06/03/1992

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

Date of Follow-Up Report: 06/03/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: MR. TOM WOODEN REPORTS LINE IS OUT OF SERVICE &
BLOWN DOWN TO ATMOSPHERE. THEY PLAN TO SELL THE LINE
OR ABANDON IT.

Date Repair Completed: 05/22/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: MORRIS E MILEY

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920031 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE CO OPID: 2731
Street Address: P.O.BOX 1150
City: MIDLAND State: TX ZIP: 79702

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 06/09/1992 Date Received: 06/15/1992
Reporting Official's Name: MIKE EATON
Title: NATURAL TEAM LEADER Phone: 9153356258
Determining Person's Name: MIKE EATON
Title: MAINTENANCE SUPERVISOR Phone: 9153356258
Date condition Determined to Exist: 06/08/1992
Condition Location: City: REEVES COUNTY State: TX

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: CRUDE OIL

Description of Condition: PINHOLE LEAK ON TOP OF PIPE -- 20" CRUDE LINE. LINE WAS DUG UP; PINHOLE DISCOVERED; SHUTDOWN.

Discovery Circumstances: EMPLOYEE, TOM JONES, NOTICED OIL STAIN ON RIGHT OF WAY.

Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: CORRODED SECTION WAS FULL WRAPPED TO 1107 SPECS. WRAPPED A 10' SECTION OF LINE TO COVER PITTING IN AREAS. LINE WILL BE RECOATED AND ALL OILY DIRT WILL BE REMEDIATED TO AN ACCEPTABLE LEVEL.

Shutdown: NOT REPORTED
Date Action Taken: 06/08/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/12/1992 Region: SOUTHWES
Date Sent To State: 05/12/1992 State/Agency: TX RRC
OPS Representative: LISA J. GARLAND
Date: 06/16/1992

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

Date of Follow-Up Report: 10/26/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: On October 13th, 1992, I contacted Mary McDaniel regarding this Safety-Related Condition on Chevron Pipe Line Co. She indicated to me this follow-up has completed.

Action Taken By Operator: The operator had wrapped the corroded section of pipeline as to 1107 specifications. The line will be recoated and all oily dirt will be remediated to an acceptable level.

Date Repair Completed: 06/09/1992

Resulted in Incidents After Report: NO

Date of Incident: 06/08/1992

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Lisa Suen

Reviewed by: J C Thomas

Region Chief

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

Report ID: 920032 Condition Number(s): 4
Operator Name: BUCKEYE PIPELINE COMPANY OPID: 1845
Street Address: PO BOX 368
City: EMMAUS State: PA ZIP: 18049

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/22/1992 Date Received: 06/23/1993
Reporting Official's Name: DAN T. DRISCOLL
Title: MANAGER, MECH. & CIVIL DESIGN Phone: 2158208300
Determining Person's Name: DEAN R. MOYER
Title: REG. COMPLIANCE COORD. Phone: 2158208300
Date condition Determined to Exist: 06/19/1992
Condition Location: City: BOWLING GREEN State: OH

Specific Location: PORTAGE RIVE, 301 LINE, MILEPOST/STAKER 61428, WOOD,
CENTER TWP

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: FULE OIL & GASOLINE

Description of Condition: VISUAL FLAWS WERE NOTICED WHILE THE PIPELINE WAS BEING CLEANED AND RECOATED AT AN ABOVE-GROUND (OVERHEAD) RIVER CROSSING. THE FLAWS WERE CONFIRMED WITH ULTRASONIC INSTRUMENTATIONS.

Discovery Circumstances: SEE ABOVE.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: INSTALLED PLIDCO SLEEVE AT ONE SECTION AND A LAHEY

CLAMP AT THE SECOND SECTION. REDUCED MAXIMUM OPERATING PRESSURE FROM 1250 PSI TO 1000 PSI.

Reduced Pressure From (PSI): 1250 to (PSI): 1000

Shutdown: NO

Date Action Taken: 06/19/1992

Planned Follow-Up/Corrective Action: WILL REPLACE DEFECTIVE PIPE W/NEW PIPE AT ONE FLAW & INSTALL A MECHANICAL REINFORCEMENT SLEEVE AT THE OTHER.

To Begin: 07/06/1992 To Be Completed By: 07/06/1992

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

Date Sent To Region: 06/24/1992 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND
Date: 06/24/1992

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

Date of Follow-Up Report: 07/10/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: BUCKEYE P.L. WAS CONTACTED ON 6/22/92 AND FOLLOW-UP CONVERSATIONS DISCUSSING THIS SRC WERE CONDUCTED ON 6/26/92, 6/29/92 AND 7/2/92. A SPAN ACROSS A DRAINAGE DITCH NEAR BOWLING GREEN, OHIO WAS DISCOVERED TO HAVE SURFACE LAMINATION. THE SPAN WAS BUILT OUT OF 10" X 0.365 WX 35,000 SMYS PIPE. THE PIPE SPAN IS APPROXIMATELY 30' IN LENGTH AND INSTALLED IN 1940.

Action Taken By Operator: THE OPERATOR IMMEDIATELY LOWERED THE OPERATING

PRESSURE 20% AND USED ULTRASONIC TESTING TO DETERMINE THE EXTENT OF LAMINATION. ONE LOCATION WAS INITIALLY CLAMPED AND THE OTHER WAS SLEEVED. THE OPERATOR RETURNED AND WAS ABLE TO GRIND OUT THE SURFACE LAMINATION AND LEAVE ENOUGH WALL THICKNESS FOR THEIR MAOP. THEY ADDITIONALLY INSTALLED SLEEVES OVER BOTH LOCATIONS.

Date Repair Completed: 07/02/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: DONALD E MOORE

Reviewed by: IVAN A HUNTON

Region Chief

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

Report ID: 920033 Condition Number(s): 9 OVERPRESSURE
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: 06/26/1992 Date Received: 06/26/1992
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: ROBERT E. ELLIOTT
Title: SENIOR PROJECT ENGINEER Phone: 9072658870
Date condition Determined to Exist: 06/22/1992
Condition Location: City: PS-4, LINE 34-1-4AT-12 State: AK

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

9. Other: OVER PRESSURE

Product in Pipeline: PETROLEUM

Description of Condition: AN UPSET OF THE MAINLINE PUMPS AT PS-4 RESULTED IN OIL PASSING A CLOSED PUMP BYPASS VALVE WHICH RESULTED IN AN OVERSPRESSURE OF LINE 34-1-4AT-12" & CONNECTING "AT" CLASS BRANCHES. 8 GALS. OF OIL ESCAPED THE FLANGES AT THE CHECK VALVE IMMEDIATELY UPSTREAM OF VALVE 20T1 INSIDE THE TANK CONTAINMENT AREA.

Discovery Circumstances: THE ABOVE IDENTIFIED LINE WAS ISOLATED FOR TANK INSPECTION WORK.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: LINE WAS BLED INTO THE BOOSTER PUMP BLDG. SUMP TO REDUCE PRESSURE. A 1" RELIEF VALVE WAS INSTALLED & A 1/2" RELIEF VALVE W/ALARM WAS ACTIVATED (BOTH ARE PIPED TO THE BOOSTER PUMP BLDG. SUMP). A 10,000 GAL. TANK HAS BEE POSITIONED FOR ADDITIONAL DRAINAGE. BLIND FLANGES ARE BEING INSTALLED AT THE PUMP BYPASS VALVE TO POSITIVELY ISOLATE THE 12" LINE FROM HIGH PRESSURE PUMP DISCHARGE TO ELIMINATE THE POSSIBILITY OF REOCCURENCE.

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: 06/29/1992 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 06/29/1992

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

Date of Follow-Up Report: 07/23/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: PIPELINE SECTION HAS BEEN ISOLATED AND CANNOT BE
OVERPRESSURED IN THIS CONFIGURATION.

Date Repair Completed: 07/12/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: PER BOB ELIOTT (ALYESKA) 265-8870

Prepared by: BRUCE E HANSEN

Reviewed by: EDWARD ONDAK

Region Chief

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

Report ID: 920034 Condition Number(s): 1
Operator Name: UNITED TEXAS TRANSMISSION COMPANY OPID: 20245
Street Address: 3200 SOUTHWEST FREEWAY, PO BOX 4758
City: HOUSTON State: TX ZIP: 77210-4758

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/07/1992 Date Received: 07/13/1992
Reporting Official's Name: ROBERT P. HAAS
Title: COOR. ENVIRON/REG. COMPLIANCE Phone: 7139633243
Determining Person's Name: MARK L. BOUNDS
Title: SUPT. OF TRANSMISSION Phone: 7139633214
Date condition Determined to Exist: 06/30/1992
Condition Location: City: HARRIS COUNTY State: TX

Specific Location: MP 54.34, OLD HWY 90
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: CORRODED PIPE

Discovery Circumstances: ROUTINE MAINTENANCE IN AREA.

Significant Effects on Safety: REDUCTION IN WALL THICKNESS CAUSED BY EXTERNAL CORROSION REQUIRES PIPE TO BE REPAIRED OR REPLACED.

Corrective Action Taken: 6/39/92: ISOLATED SECTION OF LINE AND STARTED SHUTDOWN; 7/1/92: COMPLETED SHUTDOWN & REPLACED PIPE; 7/2/92: RETURNED PIPELINE TO NORMAL.

Shutdown: YES
Date Action Taken: 06/30/1992
Planned Follow-Up/Corrective Action: NONE

To Begin: 06/30/1992 To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/13/1992 Region: SOUTHWES
Date Sent To State: 07/13/1992 State/Agency: TEXAS
OPS Representative: LISA J. GARLAND
Date: 07/13/1992

**** 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: 07/02/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by: JC THOMAS

Region Chief

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

Report ID: 920035 Condition Number(s): 1
Operator Name: AMERADA HESS CORPORATION OPID: 386
Street Address: 1201 LOUISIANA STREET, SUITE 700
City: HOUSTON State: TX ZIP: 77002

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/10/1992 Date Received: 07/14/1992
Reporting Official's Name: CRAIG EDEL
Title: PROJECT ENGINEER Phone: 7137525910
Determining Person's Name: BRAD FOWLER
Title: PRODUCTION SUPERINTENDENT Phone: 7137525942
Date condition Determined to Exist: 06/19/1992
Condition Location: City: NOT GIVEN State:

Specific Location: VE 310 B, BELOW +20' FLANGE, APPROX. 6' ABOVE TOP OF
JACKET WALKWAY

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 CONDENSATE

Description of Condition: PINHOLE LEAK IN RISER DUE TO EXTERNAL CORROSION.
DI

Discovery Circumstances: DISCOVERED WHEN A SHEEN ON THE WATER SURFACE
WAS

DISCOVERED BY AN OBSERVER ON 'A' PLATFORM.

Significant Effects on Safety: NO SIGNIFICANT EFFECTS ON SAFETY. PRODUCT
SEEPED DOWN SURFACE OF RISER INTO WATER.

Corrective Action Taken: ON 6-19, PRESSURE WAS REDUCED TO 0 & A TEMP. PATCH
WAS CLAMPED OVER LEAK. LINE WAS OUT OF SERVICE TIL
6-26, WHEN PERM. CLAM WAS INSTALLED & LINE PUT BACK
IN SERVICE.

Shutdown: YES

Date Action Taken: 06/19/1992

Planned Follow-Up/Corrective Action: CONDUCT A THOROUGH INSPECTION OF RISER
TO

DETERMINE IF THERE ARE ANY OTHER LEAKS.

To Begin: 08/01/1992 To Be Completed By: 08/30/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/15/1992 Region: SOUTHWES
Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND
Date: 07/15/1992

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

Date of Follow-Up Report: 07/17/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED CRAIG EDEL 7/17/92. CONFIRMED LEAK
REPAIRED - NO OTHER LEAKS KNOWN TO EXIST.

Action Taken By Operator: REDUCED PRESSURE - MADE TEMPORARY REPAIR, MADE
PERMANENT REPAIR - RESTORED PRESSURE, PUT RISER ON
ACCELERATED MAINTENANCE REVIEW.

Date Repair Completed: 06/26/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: LAWRENCE N ATWELL

Reviewed by: J C THOMAS

Region Chief

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

Report ID: 920037 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: 07/23/1992 Date Received: 07/29/1992

Reporting Official's Name: GARY S. ALEXANDER
Title: ENGINEER Phone: 9124746244

Determining Person's Name: GARY S. ALEXANDER
Title: ENGINEER Phone: 9124746244

Date condition Determined to Exist: 07/22/1992
Condition Location: City: LEE COUNTY State: AL

Specific Location: 15 MILES SOUTH OF OPELIKA, LEE CO., AL; NEAR MP 170
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 EXTERNAL CORROSION ON AN APPROXIMATE FOUR

FOOT LENGTH OF PIPE.

Discovery Circumstances: FOUND DURING A COATING INSPECTION OF PIPE.
DISCOVERED BY SNG PERSONNEL.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: REDUCED OPERATING PRESSURE FROM 500 PSI TO 350 PSI
COMMENSURATE WITH THE WALL THICKNESS AT THE POINT OF
MOST SEVERE CORROSION.

Reduced Pressure From (PSI): 500 to (PSI): 350

Shutdown: NO

Date Action Taken: 07/22/1992

Planned Follow-Up/Corrective Action: WILL CONTINUE OPERATING AT REDUCED
PRESSURE UNTIL LINE CAN BE EXCAVATED TO
DETERMINE EXTENT OF CORRODED AREA FOR
REPLACEMENT/REPAIR.

To Begin: 07/24/1992 To Be Completed By: 08/07/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 07/29/1992 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND

Date: 07/29/1992

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

Date of Follow-Up Report: 07/31/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED REPORT ON 7/29/92 AND FOLLOWED UP ON
7/31/92. DISCUSSED CONDITION WITH GARY
ALEXANDER, ENGINEER.

Action Taken By Operator: CORROSION AREA ON 10 INCH PIPELINE WAS REPAIRED
WITH

A FULL ENCIRCLEMENT CLAMP AND PUT BACK IN SERVICE AT
500 PSI AS OF 7-31-92. CONDITION WAS DISCOVERED ON
7/21/92. ORIGINAL WALL THICKNESS .238 INCHES REDUCED
TO .150 INCHES BY CORROSION PITTING.

Date Repair Completed: 07/31/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: CONDITION DISCOVERED AND CORRECTED WITHIN 10 DAYS.

Prepared by: DERICK TURNER

Reviewed by: FRED JOYNER

Region Chief

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

Report ID: 920038 Condition Number(s): 1
Operator Name: AMERADA HESS CORPORATION OPID: 386
Street Address: 1201 LOUISIANA STREET, SUITE 700
City: HOUSTON State: TX ZIP: 77002

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/07/1992 Date Received: 08/10/1992

Reporting Official's Name: CRAIG EDEL
Title: PROJECT ENGINEER Phone: 7137525910

Determining Person's Name: CRAIG EDEL
Title: PROJECT ENGINEER Phone: 7137525910

Date condition Determined to Exist: 08/05/1992
Condition Location: City: VE 310B State:

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: YES

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 CONDENSATE

Description of Condition: GENERAL CORROSION EXISTS IN SPLASH ZONE AND LOCALIZED CORROSION EXISTS IN PATCHES AT HIGHER ELEVATION.

Discovery Circumstances: CONDITION WAS DISCOVERED DURING A RISER INSPECTION

CONDUCTED IN RESPONSE TO A PINHOLE LEAK REPAIRED
6/26/92.

Significant Effects on Safety: NONE REPORTED.
Corrective Action Taken: NO IMMEDIATE CORRECTIVE ACTION HAS BEEN TAKEN.

Shutdown: NO
Date Action Taken: 08/07/1992
Planned Follow-Up/Corrective Action: FUTURE ACTION IS TO REPLACE CORRODED SECTION OF THE RISER.

To Begin: 09/01/1992 To Be Completed By: 10/15/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/11/1992 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 08/11/1992

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

Date of Follow-Up Report: 10/01/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Craig Edel, he reports the pipeline riser was inspected and abandoned on 10/23/92.

Action Taken By Operator: Company has yet to decide whether to repair the riser or abandon it. Company decided to abandon riser on 10/23/92.

Date Repair Completed: 10/23/1992

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: J. C. Thomas

Region Chief

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

Report ID: 920039 Condition Number(s): 1
Operator Name: AMERICAN PETROFINA PIPE LINE COMPANY OPID: 400
Street Address: P.O. BOX 2159
City: DALLAS State: TX ZIP: 75221

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 08/04/1992 Date Received: 08/05/1992
Reporting Official's Name: JOHN L. STEVENSON
Title: VICE PRES--TECH. SERVICES Phone: 9152645406
Determining Person's Name: JOHN L. STEVENSON
Title: VICE PRES--TECH. SERVICES Phone: 9152645406
Date condition Determined to Exist: 07/31/1992
Condition Location: City: ROCKSPRINGS State: TX

Specific Location: 11 MILES NE OF ROCKSPRINGS STATION (ROCKSPRINGS, ED
CO.), TX; 8 MILES EAST OF HONDO (MEDINA CO) 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: WALL THICKNESS IN CERTAIN AREAS HAS BEEN REDUCED
TO

AN EXTENT THAT IT WAS LESS THEN THAT REQUIRED FOR A
MAXIMUM OPERATING PRESSURE OF 1100 PSIG.

Discovery Circumstances: DISCOVERED AS A RESULT OF AN EVALUATION BY AN
OUTSIDE COMPANY OF MAINTENANCE RECORDS AND AN
INTELLIGENT PIG TEST.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: REDUCED MAXIMUM OPERATING PRESSURE FROM 1100
PSIG TO

790 PSIG.

Reduced Pressure From (PSI): 1100 to (PSI): 790

Shutdown: NO

Date Action Taken: 07/31/1992

Planned Follow-Up/Corrective Action: REFURBISHMENT OF THIS LINE SHOULD
COMPLETE CORRECTIVE ACTION IN THE NATURE
OF WHOLE-WRAPPING DURING CY 1993.

To Begin: To Be Completed By:

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

Date Sent To Region: 08/11/1992 Region: SOUTHWES

Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 08/11/1992

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

Date of Follow-Up Report: 10/26/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: On October 13th, 1992, I contacted Ms. Mary McDaniel regarding the Safety-Related Condition # 920039. She indicated to me she had confirmed with the operator and action had taken.

Action Taken By Operator: The operator had reduced maximum operating pressure from 1100 Psig to 790 Psig. on the 31st of July, 1992

Date Repair Completed: 07/31/1992

Resulted in Incidents After Report: NO

Date of Incident: 07/30/1992

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Lisa Suen

Reviewed by: J. C. Thomas

Region Chief

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

Report ID: 920040 Condition Number(s): 4
Operator Name: MEMPHIS LIGHT, GAS AND WATER DIVISION OPID: 12342
Street Address: 220 S. MAIN STREET
City: MEMPHIS State: TN ZIP: 38101

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/10/1992 Date Received: 08/10/1992
Reporting Official's Name: WADE STINSON
Title: MGR., HICKORY HILL SVC. CTR. Phone: 9013673300
Determining Person's Name: WADE STINSON
Title: MGR., HICKORY HILL SVC. CTR. Phone: 9013673300
Date condition Determined to Exist: 08/07/1992
Condition Location: City: MEMPHIS State: TN

Specific Location: 10" XHP EASEMENT SOUTH OF PLEASANT RIDGE RD.(SOUTH OF
MILEPOST 33)

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: DURING INSTALLATION OF 1825 FEET OF NEW 10" XHP
STEEL PIPE, LONGITUDIANAL WELD SEAM VISUALLY
APPEARED MIS-ALIGNED IN PLACES.

Discovery Circumstances: SEE ABOVE

Significant Effects on Safety: NONE REPORTED

Corrective Action Taken: SAMPLESSENT TO METUALLURGICAL LAB & DETERMINED
TO BE

OUTSIDE API-5L SPEC. FOR WELD SEAM ALIGNMENT.
PIPELINE WAS HYDROSTATICALLY TESTED 500 PSIG FOR 24
HRS. PIPELINE IN SERVICE, BUT 1825' SECTION IS BEING
LEAK SURVEYED WITH HYDROGEN FLAME IONIZATION
EQUIPMENT WEEKLY.

Shutdown: NO

Date Action Taken: 08/07/1992

Planned Follow-Up/Corrective Action: SECTION IN QUESTION TO BE REPLACED WITH
NEW PIPE.

To Begin: 08/24/1992 To Be Completed By: 09/04/1992
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/11/1992 Region: SOUTHERN
Date Sent To State: 08/11/1992 State/Agency: TN PSC

OPS Representative: LISA GARLAND
Date: 08/11/1992

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

Date of Follow-Up Report: 09/14/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: AN ONSITE INSPECTION WAS CONDUCTED BY THE
TENNESSEE PUBLIC SERVICE COMMISSION AT THE
PLEASANT RIDGE SITE TO WITNESS PIPE REPLACEMENT
AND HYDROSTATIC TESTS OF THE NEW PIPE.

Action Taken By Operator: THE OPERATOR REPLACED 1800' OF PIPE AND
HYDROSTATIC

TESTED THE ENTIRE SECTION IN ONE TEST. SAMPLES OF
THE BAD SEAMS WERE CUT AND FORWARDED TO A
METALLURGICAL LAB FOR TESTING.

Date Repair Completed: 09/04/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NO FUTHER ACTION REQUIRED.

Prepared by: BENJAMIN H. ANDREWS

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 920041 Condition Number(s): 4
Operator Name: TEXAS EASTERN GAS PIPELINE CO OPID: 19235
Street Address: PO BOX 1642
City: HOUSTON State: TX ZIP: 77251-1642

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/10/1992 Date Received: 08/12/1992
Reporting Official's Name: WILLIAM M. EVERETT
Title: SUPERVISING ENGINEER Phone: 6158725155
Determining Person's Name: CHARLES PRINTZ
Title: AREA SUPERINTENDENT Phone: 6146547477
Date condition Determined to Exist: 08/07/1992
Condition Location: City: PICKWAY COUNTY State: OH

Specific Location: 26" LINE #3, MP 70.99, PICKWAY CO., OH, 3 MILES EAST OF
ASHEVILLE, OH

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: CONTRACTOR DIGGIN FIELD LINES WITH A BACKHOE FOR SEPTIC TANK DAMAGED THE PIPELINE AT 6 DIFFERENT LOCATIONS WITHIN A 10 FOOT AREA. THE BACKHOE CAUSED SIGNIFICANT DAMAGE TO WARRANT A PIPE REPLACEMENT.

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: SEGMENT WAS TAKEN OUT OF SERVICE AND BLOWN DOWN ON

08/07/92. PIPE REPLACEMENT WAS MADE 8/8/92 AND PIPELINE WAS RETURNED TO GAS SERVICE. THERE WERE NO CUSTOMER SERVICE INTERRUPTIONS DUE TO SYSTEM OUTAGE.

Shutdown: NOT REPORTED

Date Action Taken: 08/07/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/13/1992 Region: CENTRAL
Date Sent To State: 08/13/1992 State/Agency: OH PUC
OPS Representative: LISA GARLAND
Date: 08/13/1992

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

Date of Follow-Up Report: 09/28/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State verified that the repair was made.

Reviewed records, reviewed damage to the 0.281 wall thickness pipe. There was a zipper-like appearance where the backhoe teeth were drug along the top of the pipe.

Action Taken By Operator: The segment of pipeline containing the damaged pipe was isolated, pressure removed and approximately ten feet of pipe removed. The replacement pipe was 26" x 0.350 wt. x 60,000 SMYS. The pipeline was put back into service on Aug. 8, 1992. Line pressure was 721 psig, MAOP of this line segment is 800 psig.

Date Repair Completed: 08/08/1992

Resulted in Incidents After Report: NO

Date of Incident: 08/07/1992

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Gordon Buford

Reviewed by: Ivan Huntoon

Region Chief

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

Report ID: 920042 Condition Number(s): 9 OVERPRESSURE
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: 08/13/1992 Date Received: 08/13/1992
Reporting Official's Name: C. D. DAVIDSON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: WES G. TONKINS
Title: SENIOR ENGINEERING COORDINATOR Phone: 9072658135
Date condition Determined to Exist: 08/07/1992
Condition Location: City: State: AK

Specific Location: MP 442.34 THROUGH MP 457.87
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: OVER PRESSURE

Product in Pipeline: PETROLEUM

Description of Condition: RGV-73 TRAVELED TO A FULLY CLOSED POSITION
WITHOUT

ANY SUPERVISORY COMMAND. THIS MALFUNCTION CAUSED THE PRESSURE OF THE PIPELINE TO RISE ABOVE 110% OF ITS MAXIMUM OPERATING PRESSURE. THIS OCCURRED AT THE VALVE AND 3 UPSTREAM LOCATIONS MP 442.34 & MP 454.86 (PIPE WALL THICKNESS CHANGES), & MP 448.88 (LOW POINT). RECORDED PRESSURE AT RGV-73 WAS 1220 PSIG OR 111% OF MAOP. THE MAX. CALCULATED EXCEEDANCE OCCURRED AT MP 448.88. THE CALCULATED PRESSURE AT THIS POINT WAS 1151 PSIG, OR 128% OF MAOP (92% OF SMYS).

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: THE 6" BYPASS AROUND THE GATE VALVE WAS OPENED
TO

EQUALIZE THE PRESSURE. A PORTABLE GASOLINE POWERED ACTUATOR WAS USED TO OPEN THE VALVE (2 EMPLOYEES REMAINED AT LOCATION UNTIL REPAIRS WERE COMPLETED). ELECTRICAL REPAIRS (TO INCLUDE REPLACEMENT OF FAILED CONTROL CABLE AND THE DC DRIVE MOTOR--MOTOR OVERHEATED DURING EPISODE), WERE MADE TO THE VALVE. RGV RETURNED TO FULL OPERATIONS STATUS 4 PM, 8/9/92.

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

Date of Follow-Up Report: 10/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ISSUED FINAL ORDER WITH PENALTY

Action Taken By Operator: FULFILLED COMPLIANCE ORDER

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

X Case Opened (Federal case identification number 52511 *)

Notes: FINAL ORDER ISSUED

Prepared by: B. HANSEN

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

Report ID: 920043 Condition Number(s): 4
Operator Name: LAKEHEAD PIPE LINE COMPANY OPID: 11169
Street Address: 119 NORTH 25TH STREET, EAST
City: SUPERIOR State: WI ZIP: 54880-0789

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/25/1992 Date Received: 08/25/1992
Reporting Official's Name: SHAUN G. KAVAJECZ
Title: TECH.SVCS. COORDINATOR Phone: 7153941438
Determining Person's Name: ROGER T. ARGUMENT
Title: GEN MGR., OPERATIONS Phone: 7153941402
Date condition Determined to Exist: 08/18/1992
Condition Location: City: DEER RIVER State: MN

Specific Location: DEER RIVER PUMP STATION, LINE 2; SUPERIOR, WI, SUPERIOR
PUMP STATION, LINE 2; SAXON, WI, SAXON PUMP STATION,
LINE 5; ST. IGNACE, MI, ST. IGNACE SCRAPER YARD, LINE 5.

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: CRUDE OIL IN LINE 2

Description of Condition: LINE 5 = NATURAL GAS LIQUIDS AND CRUDE OIL (PRODUCT IN PIPELINE. LAKEHEAD PL EXPERIENCED A FAILURE OF A UNIBOLT 32" SCRAPER TRAP CLOSURE JULY 92. AN INVESTIGATION ENSUED TO DETERMINE THE INTEGRITY OF ALL OTHER SUCH CLOSURES IN THE LAKEHEAD SYSTEM.

Discovery Circumstances: RESULTS OF INVESTIGATION, WHICH CONSISTED OF VISUAL AND MAGNETIC PARTICLE INSPECTION OF LIKE AREAS TO THAT OF THE FAILED CLOSURE, REVEALED CRACKING IN SOME CASES.

Significant Effects on Safety: NONE REPORTED. ANY CHANCE OF THIS CONDITION POSING AN IMMEDIATE HAZARD TO LIFE OR PROPERTY HAS BEEN REMOVED THROUGH OPERATIONAL ACTIONS.ALL PRECAUTIONS ARE BEING TAKEN TO ASSURE SAFE OPERATIONS ARE NOT COMPROMISED.

Corrective Action Taken: AT PRESENT, ALL IDENTIFIED SCRAPER TRAPS ABOVE HAVE

BEEN ISOLATED AND BYPASSED AND ARE NOT SUBJECT TO SYSTEM PRESSURE. BASED ON PRELIMINARY FINDINGS, A PROGRAM FOR REPAIR, REPLACEMENT, OR ABANDONMENT OF THE SUBJECT SCRAPER TRAP CLOSURES IS BEING FORMULATED. REPAIRS ARE PLANNED TO BE COMPLETED BY

11/92. UNTIL THIS IS ACCOMPLISHED, SCRAPER TRAPS WILL
CONTINUE TO BE BYPASSED.

Shutdown: NOT REPORTED

Date Action Taken: 08/18/1992

Planned Follow-Up/Corrective Action: REPAIRS ARE PLANNED TO BE COMPLETED BY
10/92.

To Begin: 08/18/1992 To Be Completed By: 10/30/1992

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

Date Sent To Region: 08/26/1992 Region: CENTRAL

Date Sent To State: 08/26/1992 State/Agency: MN DPS

OPS Representative: LISA J. GARLAND

Date: 08/26/1992

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

Date of Follow-Up Report: 11/29/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: None.

Action Taken By Operator: Replaced all but four of the closures (scraper trap doors) which are scheduled for replacement in 1996.

This eliminates the Unibolt trap doors from the Lakehead system.

Date Repair Completed: 12/31/1996

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Discussed with MnOPS and they have concurred with closing the SRCR. All closures in Minnesota were replaced by 1993.

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: 12/16/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: MnOPS inspector, Michael Lown, was at the Deer River station on 9/3/92. The Mag Particle testing was or had been done. Cracks were found on locking lugs. Further evaluations and a plan were to be formulated and then whatever actions to replace, repair or other precautions were to be decided in October.

Action Taken By Operator: Steve Wuori, Area Mgr. indicated that all trap covers were inspected. Clearbrook covers replaced in October. Deer River traps are still bypassed pending a decision to replace or remove. Viking Station is in the same status, if it has Unibolt trap covers.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: All Unibolt covers of all sizes were inspected. Lakehead internally communicated the problem - no public notice given. Determination of action is still under consideration.

Prepared by: Linda Daugherty

Reviewed by: Ivan A. Huntoon
Region Chief

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

Report ID: 920044 Condition Number(s): 4
Operator Name: TEXAS EASTERN GAS PIPELINE CO OPID: 19235
Street Address: PO BOX 1642
City: HOUSTON State: TX ZIP: 77251-1642

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/25/1992 Date Received: 08/26/1992

Reporting Official's Name: DWAYNE TESCHENDORF

Title: SENIOR ENGINEER

Phone: 7136275573

Determining Person's Name: LARRY MOODY

Title: AREA SUPERINTENDENT

Phone: 5135321816

Date condition Determined to Exist: 08/24/1992

Condition Location: City: LEBANON

State: OH

Specific Location: 24" LINE #1, MP 794.44; 10 MILES EAST OF LEBANON, OH
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: TEXAS EASTERN BACKHOE OPERATOR STRUCK A 1/2" BLEEDER

LINE ATTACHED TO AND EXTENDING UP FROM 24" LINE #1
CAUSING A LEAK TO OCCUR.

Discovery Circumstances: TEXAS EASTERN WAS INVESTIGATING ANOMALY
INDICATIONS SHOWN ON SMART TOOL LOGS.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: TEXAS EASTERN PERSONNEL IMMEDIATELY ISOLATED
THE

VALVE SECTION BY CLOSING THE MAIN LINE VALVES AT MP
791.42 AND MP 795.94. VALVE SECTION WAS THEN BLOWN TO
ATMOSPHERE. A 6.5' PIPE REPLACEMENT WAS COMPLETED
8/25/92. NO CUSTOMER SERVICE INTERRUPTIONS OCCURRED.

Shutdown: NOT REPORTED

Date Action Taken: 08/25/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

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

Date Sent To Region: 08/27/1992 Region: CENTRAL

Date Sent To State: 08/27/1992 State/Agency: OH PUC

OPS Representative: LISA GARLAND

Date: 08/27/1992

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

Date of Follow-Up Report: 10/22/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: VERIFIED THAT THE REPAIR WAS MADE. IT WAS MADE ON THE SAME DAY, THUS MAKING THIS A NON-REQUIRED SAFETY-RELATED CONDITION REPORT AS DEFINED IN 49 CFR 191.23(b)4.

Action Taken By Operator: TEXAS EASTERN PERSONNEL IMMEDIATELY ISOLATED THE

VALVE SECTION BY CLOSING MAIN LINE VALVES AT MP 791.42 AND 795.94. THE VALVE SECTION GAS WAS THEN BLOWN TO ATMOSPHERE. A 6.5 FOOT PIPE REPLACEMENT WAS COMPLETED AT 4:00 AM EDT AUGUST 25, 1992.

Date Repair Completed: 08/25/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THIS SRCR IS THE SAME AS SRCR 920046 THAT WAS ISSUED IN ERROR. A LETTER

SENT FROM ROGER LITTLE TO THE PUC OF OHIO CANCELLED SRCR 920046.

Prepared by: LINDA DAUGHERTY/J. ZAVITZ

Reviewed by: IVAN A. HUNTOON

Region Chief

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

Report ID: 920045 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/03/1992 Date Received: 09/03/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3046238410
Determining Person's Name: JOHN COOK
Title: UTILITYMAN Phone: 7162375219
Date condition Determined to Exist: 08/31/1992
Condition Location: City: TOWN OF YORK State: NY

Specific Location: 14" LN-14 3431 + 32
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

Discovery Circumstances: LANDOWNER REPORTED POSSIBLE LEAK. FACILITY WAS EXPOSED REVEALING CORROSION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: SKINNER CLAMP INSTALLED TO MAKE LEAK REPAIR.

Shutdown: NO

Date Action Taken: 08/31/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/03/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: ROGER LITTLE
Date: 09/03/1992

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

Date of Follow-Up Report: 09/28/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Operator repaired by a Skinner Clamp on 8/31/92
(clamp used based on operating pressure less than
40% SMYS).

Date Repair Completed: 08/31/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: (Phillip Nguyen closed this one today 6/26/96)

Prepared by: PHILLIP NGUYEN

Reviewed by: Phillip Nguyen

Region Chief

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

Report ID: 920047 Condition Number(s): 4
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: INTERSTATE

Date of Report: 08/27/1992 Date Received: 08/31/1992

Reporting Official's Name: DWAYNE TESCHENDORF

Title: SR. ENGINEER Phone: 7136275573

Determining Person's Name: JERRY DECKARD

Title: AREA SUPERVISOR Phone: 5024274282

Date condition Determined to Exist: 08/27/1992

Condition Location: City: LEBANON State: TN

Specific Location: 30" LINE # 10; M.P. 294.29, WILSON COUNTY NORTHEAST OF
THE INTERSECTION OF HWY 70 AND BADDOUR PKWY

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: CONTRACTOR STRUCK 30" LINE, REQUIRING PIPE
REPLACEMENT.

Discovery Circumstances: CONTRACTOR STRUCK LINE.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: 9' PIPE REPLACEMENT WAS COMPLETED AUG. 29. NO
INTERRUPTION OF SERVICE OCCURED.

Shutdown: NO

Date Action Taken: 08/29/1992

Planned Follow-Up/Corrective Action: NONE REPORTED

To Begin: To Be Completed By:

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

Date Sent To Region: 09/09/1992 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: ROGER LITTLE

Date: 09/09/1992

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

Date of Follow-Up Report: 09/14/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE SOUTHERN REGION OFFICE CALLED OPERATOR TO

INSURE THAT PROPER REPAIRS WERE MADE.

Action Taken By Operator: TEXAS EASTERN ISOLATED THE AFFECTED PIPELINE SECTION

AND BLEW GAS TO ATMOSPHERE ON AUGUST 27 AND 28, 1992. A 9' PIPE REPLACEMENT WAS COMPLETED ON AUGUST 29, 1992. NO CUSTOMER SERVICE INTERRUPTION OCCURRED.

Date Repair Completed: 08/29/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NO FUTURE ACTION REQUIRED

Prepared by: BENJAMIN H. ANDREWS

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 920048 Condition Number(s): 1
Operator Name: CHEVRON PIPE LINE COMPANY OPID: 2328
Street Address: 2525 NORTH CHESTER
City: BAKERSFIELD State: CA ZIP: 93308

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/08/1992 Date Received: 09/14/1992

Reporting Official's Name: R.W. HARTIG

Title: Phone:

Determining Person's Name: R.W. HARTIG

Title: Phone:

Date condition Determined to Exist: 09/04/1992

Condition Location: City: MP 89.7 TO 96.9 State: CA

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: CRUDE OIL

Description of Condition: ANOMALIES WITHIN MP 89.7 TO MP 96.9 SECTION OF LINE.

Discovery Circumstances: CHEVRON CONDUCTED AN INTERNAL INSPECTION SURVEY OF

THEIR # 3-12" BEGINNING AT MIDDLE PUMP STATION MP 35.8 TO ESTERO MARINE TERMINAL AT MP 107.

Significant Effects on Safety: NONE

Corrective Action Taken: MOP OF PIPELINE SEGMENT REDUCED AT ATASCADERO PUMP

STATION BY 20%.

Shutdown: NO

Date Action Taken: 09/04/1992

Planned Follow-Up/Corrective Action: PLANS TO HYDROTEST ENTIRE SEGMENT BY 2/93.

To Begin: To Be Completed By:

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

Date Sent To Region: 09/16/1992 Region: WESTERN

Date Sent To State: 09/16/1992 State/Agency: CA SFM

OPS Representative: LISA GARLAND

Date: 09/16/1992

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THIS SRCR WAS NOT ADDED TO THE DATABASE AT THE

PROPER TIME. THE SRCR WAS HANDLED CORRECTLY BY THE REGION AND THE STATE. ON 12/07/1993, THE OPERATOR SENT A LETTER TO THE CSFM ADVISING THAT APPLICABLE REPAIRS HAD BEEN COMPLETED. THIS LETTER IS IN THE FILE.

Action Taken By Operator: REPAIRED ANOMOLIES FOUND AND SENT A LETTER TO CSFM

ON 12/07/1993.

Date Repair Completed: 12/07/1993

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 PER LETTER RECEIVED FROM CSFM 06/30/1994.

Prepared by: KATCHMAR

Reviewed by: Ondak

Region Chief

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

Report ID: 920049 Condition Number(s): 2
Operator Name: CARROLLTON UTILITIES, CARROLLTON, KENTUCKY OPID:
2116

Street Address: PO BOX 269
City: CARROLLTON State: KY ZIP: 41008

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/17/1992 Date Received: 09/17/1992

Reporting Official's Name: BOBBY ADAMS
Title: SUPERVISOR Phone: 5027327055

Determining Person's Name:
Title: Phone:

Date condition Determined to Exist:
Condition Location: City: CARROLLTON State: KY

Specific Location: 6" GAS MAIN CROSSING OF LITTLE KENTUCKY RIVER APPROX 1
MILE EAST OF CARROLLTON.

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: THE EAST BANK OF THE LITTLE KENTUCKY RIVER ERODED
CAUSING AN AREA OF APPROX 75' IN LENGTH & 15' WIDE
TO SLIDE. GAS MAIN IS EXPOSED AT EAST SIDE OF BANK
AS A RESULT OF SLIDE.

Discovery Circumstances: DISCOVERED WHILE PATROLLING SYSTEM PER 192.721 &
CLEARING GAS LINE RIGHT OF WAY PRIOR TO ANNUAL GAS
LEAK SURVEY.

Significant Effects on Safety: NONE

Corrective Action Taken: PRESSURE REDUCED ON THE MAIN FROM 310 PSIG TO 235
PSIG.

Reduced Pressure From (PSI): 310 to (PSI): 235

Shutdown: NO

Date Action Taken: 09/12/1992

Planned Follow-Up/Corrective Action: CONSULTING FIRM REVIEWED AREA &
SCHEDULED

3 CONTRACTORS TO PROVIDE CORRECTIVE
RECOMMENDATIONS DURING WEEK OF 9/14/92.

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

Date Sent To Region: 09/21/1992 Region: SOUTHERN
Date Sent To State: 09/21/1992 State/Agency: KY PSC
OPS Representative: LISA GARLAND
Date: 09/21/1992

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

Date of Follow-Up Report: 07/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: KENTUCKY PUBLIC SERVICE COMMISSION HAS BEEN MONITORING THE SRC SINCE BEING NOTIFIED.

Action Taken By Operator: THE OPERATOR INSTALLED A NEW PIPELINE THROUGH A NEW

BORE UNDER THE LITTLE KENTUCKY RIVER. THE BORE WAS 650 FEET LONG. THE TIE-INS WERE COMPLETED ON JUNE 26, 1993.

Date Repair Completed: 06/23/1993

Resulted in Incidents After Report: NO

Date of Incident: 09/04/1992

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: LETTER RECEIVED IN THE SOUTHERN REGION OFFICE DATED JULY 7, 1993, FROM

CARROLLTON UTILITIES ASKING THAT SRC 920049 BE CLOSED.

Prepared by: BENNIE ANDREWS

Reviewed by: FREDERICK A. JOYNER REG.DIR.

Region Chief

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

Report ID: 920050 Condition Number(s): 1
Operator Name: PHILLIPS PIPE LINE COMPANY OPID: 15490
Street Address: 382 ADAMS BUILDING
City: BARTLESVILLE State: OK ZIP: 74004

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 09/17/1992 Date Received: 09/17/1992
Reporting Official's Name: L.J. SCHMITZ
Title: TECH.SERVICES COORDINATOR Phone: 9186614814
Determining Person's Name: L.J. SCHMITZ
Title: TECH. SERVICES COORDINATOR Phone: 9186614814
Date condition Determined to Exist: 09/17/1992
Condition Location: City: HARRIS COUNTY State: TX

Specific Location: MP 59 STATION 9+42; 500' NW OF GENOA-RED BLUFF RD &
BURKE RD INTERSECTION NEAR VERNON COX CENTER.

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: DIESEL FUEL

Description of Condition: A SHALLOW DENT (.08" X .75" GOUGE) DISCOVERED
DURING

PIPELINE MAINTENANCE.

Discovery Circumstances: DISCOVERED DURING PIPELINE MAINTENANCE.

Significant Effects on Safety: CONDITION EXISTS WITHIN 22 YDS OF VERNON COX
CENTER.

Corrective Action Taken: OPERATING PRESSURE IS 20% OF MAOP, SO NO FURTHER
REDUCTION HAS BEEN MADE.

Shutdown: YES

Date Action Taken: 09/21/1992

Planned Follow-Up/Corrective Action: REPAIR AND REPLACE WITH PRE-TESTED PIPE.

To Begin: 09/21/1992 To Be Completed By:

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

Date Sent To Region: 09/21/1992 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 09/21/1992

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

Date of Follow-Up Report: 10/13/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: On October 13, 1992, Mr. Mendoza called Phillips Pipe Line Company and spoke to Mr. K.L. Ota. Mr. Ota confirmed the action taken by Phillips Pipe Line Company.

Action Taken By Operator: The Line was shut down on September 21, 1992 and was purged. On September 22, 1992, the cylindrical piece of pipe containing the defect was cut out and replaced with new pre-tested pipe.

Date Repair Completed: 09/22/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Juan A. Mendoza

Reviewed by: James Thomas

Region Chief

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

Report ID: 920051 Condition Number(s): 6
Operator Name: PACIFIC GAS & ELEC. CO. HUMBOLDT BAY POWER PLANT OPID:
Street Address: 1034 SIXTH STREET
City: EUREKA State: CA ZIP: 95501

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 09/16/1992 Date Received: 09/21/1992
Reporting Official's Name: PETER E. RIGNEY
Title: PLANT MANAGER Phone: 7074440700
Determining Person's Name: PETER E. RIGNEY
Title: PLANT MANAGER Phone: 7074440700
Date condition Determined to Exist: 09/03/1992
Condition Location: City: EUREKA State: CA

Specific Location: OLSON WHARF, KING SALMON ROAD,
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

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

Product in Pipeline: OIL

Description of Condition: AN ACCIDENTAL RELEASE OF 2-3 GALLONS OF OIL TO
HUMBOLDT BAY OCCURRED AT OLSON WHARF, KING SALMON,
AT THE CONCLUSION OF PLANNED PRESSURE TEST (HYDRO)
OF A FUEL OIL PIPELINE OPERATED BY PG&E.

Discovery Circumstances: LEAK OCCURRED IN PIPELINE AT LOCATION OF
EXPANSION

JOINT ("VITAUIC COUPLING") LOCATED IN VERTICAL
SECTION OF PIPELINE APPROX 6' BELOW WHARF DECK.

Significant Effects on Safety: NONE

Corrective Action Taken: PRESSURE IMMEDIATELY REMOVED AND LEAK RATE
DROPPED

OFF. OIL SPILL RECOVERY BEGAN IMMEDIATELY.
CONTAMINATED EEL GRASS WAS RECOVERED, BAGGED, &
COLLECTED AT SITE. PIPELINE WRAPPED & SEALED. SEA
BOOMS WERE DEPLOYED TO CAPTURE ANY LEAKAGE SHOULD IT
OCCUR.

Shutdown: NO

Date Action Taken: 09/03/1992

Planned Follow-Up/Corrective Action: PIPELINE WILL REMAIN OUT OF SERVICE UNTIL
ALL REPAIRS ARE COMPLETED. WORK INCLUDES
SPILL CONTROL & CONTINGENCY PLANNING.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 09/22/1992 Region: WESTERN
Date Sent To State: 09/22/1992 State/Agency: CA SFM
OPS Representative: LISA GARLAND
Date: 09/22/1992

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THIS SRCR WAS NOT ADDED TO THE DATABASE AT THE

CORRECT TIME DUE TO REGIONAL ERROR. THE SRCR WAS HANDLED CORRECTLY BY THE REGION AND THE CSFM. A LETTER FROM THE CSFM DATED 09/07/1993 TO THE REGION INDICATES THAT PG&E COMPLETED REPAIRS TO THE LINE IN QUESTION.

Action Taken By Operator: REPAIRED SECTION OF LINE WHERE THE RELEASE OCCURRED.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THE DATES ON THIS SRCR DO NOT REFLECT ACTUAL DATES. THE ENGINEER WILL

ASCERTAIN THE CORRECT DATES AND UPDATE THE RECORD IN THE DATABASE.

RECOMMEND THIS SRCR BE CLOSED PER LETTER FROM THE CSFM DATED 09/07/1993

(SEE FILE).

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

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

Report ID: 920052 Condition Number(s): 1
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/02/1992 Date Received: 10/02/1992
Reporting Official's Name: JACK ADAMS, CODES AND STANDARDS
Title: ADMINISTRATOR Phone: 3046238410
Determining Person's Name: MIKE GRAY
Title: AREA SUPERINTENDENT Phone: 8145835171
Date condition Determined to Exist: 09/28/1992
Condition Location: City: CORSICA State: PA

Specific Location: 14" LN-20, 534+06/ CORSICA/UNION TOWNSHIP, 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: A LEAK INDICATION CLASSIFIED AS GRADE 2 FOUND 9/25/92. PIPING WAS EXPOSED REVEALING CORROSION CONDITION.

Discovery Circumstances: DISCOVERED WHILE WALKING THE PIPELINE ON 9/24/92.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: INSTALLED BOLT ON SPLIT SLEEVE TO MAKE LEAK REPAIR.

Shutdown: NO

Date Action Taken: 09/28/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/02/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 10/02/1992

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

Date of Follow-Up Report: 10/19/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: A Bolt on Split Sleeve was installed to make leak repair. Sleeve rated for 1,000 psi. Still enough wall to keep MAOP.

Date Repair Completed: 09/28/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This is a bare line that is "Hot Spot Protected". CNG has plans to replace this entire line. Close this Safety Related Condition Report.

Prepared by: Kate Miller

Reviewed by: W.H. Gute

Region Chief

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

Report ID: 920053 Condition Number(s): 2
Operator Name: CNG TRANSMISSION CORP OPID: 2714
Street Address: 445 WEST MAIN ST.
City: CLARKSBURG State: WV ZIP: 263022450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/08/1992 Date Received: 10/08/1992
Reporting Official's Name: JOHN B. VRABLE, STANDARDS & QUALITY ASSURANCE
Title: MANAGER Phone: 3046238468
Determining Person's Name: JONATHON A. KINNEY
Title: Phone: 4125271531
Date condition Determined to Exist: 10/05/1992
Condition Location: City: WAYNESBURG State: PA

Specific Location: 24" TL-342; 4 MILES SOUTH OF WAYNESBURG, GREENE 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: NATURAL GAS

Description of Condition: CONDITION AFFECTING PIPELINE IS GROUND SUBSIDENCE CAUSED BY COAL MINING USING LONG WALL METHOD. CNG IS IN CONTACT WITH CYPRESS EMERALD MINE AND IS MONITORING SITUATION.

Discovery Circumstances: NONE REPORTED.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: PIPELINE AFFECTED BY MINE SUBSIDENCE HAS BEEN EXPOSED

FROM SURVEY STATIONS 786+50 & 799+00. STRAINING GUAGES ARE INSTALLED AND ARE BEING MONITORED. PIPELINE ELEVATIONS ARE BEING MONITORED. PIPELINE PRESSURE WILL BE REDUCED OR TAKEN OUT OF SERVICE IF MOVEMENT EXCEEDS CALCUALTED ALLOWABLE MAGNITUDE OR IF ANY STRAINING GUAGE READINGS EXCEED ACCEPTABLE LIMITS.

Shutdown: NO

Date Action Taken: 10/05/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 10/05/1992 To Be Completed By: 11/15/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/13/1992 Region: EASTERN
Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND
Date: 10/13/1992

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

Date of Follow-Up Report: 03/10/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Operator installed strain gauges to monitor any soil movement due to mining. After one month there was no indication of ground subsidence. Operator submitted a letter dated 2/24/93 requesting to close the file.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Request to close out this report.(Phillip Nguyen closed this one today 6/26/96)

Prepared by: Phillip Nguyen

Reviewed by: Phillip Nguyen

Region Chief

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

Report ID: 920054 Condition Number(s): 4
Operator Name: COLONIAL PIPELINE COMPANY 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: 10/18/1992 Date Received: 10/23/1992
Reporting Official's Name: JAMES A. COX
Title: MANGER, TECH AND REGULATIONS Phone: 4048412296
Determining Person's Name: L.G. GARCAR
Title: INSPECTOR Phone: 6017656706
Date condition Determined to Exist: 10/18/1992
Condition Location: City: JASPER COUNTY State: MS

Specific Location: TALAHOMA CREEK, JASPER CO., LINE #2, 5834+01, 36",
.281".

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: NOT GIVEN

Description of Condition: .281" W.T. PIPE WITH A BUCKLE. DAMAGE OCCURRED DURING ORIGINAL CONSTRUCTION.

Discovery Circumstances: EXCAVATION WAS MADE AS A RESULT OF AN INTERNAL INSPECTION SURVEY.

Significant Effects on Safety: NONE GIVEN.

Corrective Action Taken: UNTIL BUCKLE IS REMOVED, THIS JOINT OF PIPE HAS HAD ITS OPERATING PRESSURE REDUCED FROM 455 PSI TO 364 PSI.

Reduced Pressure From (PSI): 455 to (PSI): 364

Shutdown: NO

Date Action Taken: 10/18/1992

Planned Follow-Up/Corrective Action: THE PIPE WILL BE CUT OUT AT A TIME IN THE FUTURE.

To Begin: To Be Completed By:

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

Date Sent To Region: 10/27/1992 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND

Date: 10/27/1992

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

Date of Follow-Up Report: 01/10/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: TALKED TO JIM GAMBRELL OF COLONIAL PIPELINE ON 1/10/94. Spoke with Jimmy Gambrell on July 17, 1995 - VH. Spoke with Jimmy Gambrell on several occasions during the inspection of Colonial, October 1995 - January 1996. Spoke with Jimmy Gambrell in July 1996 concerning the buckle in the pipe on Line 2 at Station 5834 + 01 (Jasper Co., MS). Jimmy stated he would speak with Rob Bardeaux, superintendent at that location, to see what decision has been made. On September 5, 1996, followed up with Jimmy Gambrell and Jim Cox - left messages. On December 17, 1996, received information from Colonial that they are going to test a sample piece of pipe with a fabricated buckle (similar to what's in MS) and use a clamp designed by British Gas to see if it will work. The test will be performed in Belmont, TX. If the clamp works, the buckle in MS will be repaired around mid-January. On May 21-22, 1997, OPS representative, Rod Seeley, witnessed repair of buckle.

Action Taken By Operator: UNTIL BUCKLE CONDITION CAN BE REMOVED, OPERATING

PRESSURE REDUCED FROM 455 PSI TO 364 PSI. CONDITION WAS DISCOVERED BY INTERNAL INSPECTION DEVICE. SECTION OF PIPE SCHEDULED TO BE CUT OUT IN 1994. On July 17, 1995, Jimmy Gambrell stated that Colonial had intentions of cutting out pipe where buckle was found due to the sag which existed. Now Colonial is trying to have a sleeve designed to cover the buckle. Jimmy will call back with estimated time of completion. On May 21-22, 1997, Colonial cut out two buckles and replaced with new pipe.

Date Repair Completed: 05/22/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CUT OUT SCHEDULED FOR 1994. Initially prepared by Derick Turner. Repair completed and witnessed by Rod Seeley on May 22, 1997.

Prepared by: VALLERY HENRY

Reviewed by: FRED JOYNER
Region Chief

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

Report ID: 920055 Condition Number(s): 4
Operator Name: AMOCO PIPELINE COMPANY OPID: 443
Street Address: ONE MID AMERICA PLAZA, SUITE 300
City: OAKBROOK TERRACE State: IL ZIP: 60181

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/27/1992 Date Received: 10/28/1992
Reporting Official's Name: BLAINE PARROTT
Title: COORDINATOR, COMPLIANCE Phone: 7089906107
Determining Person's Name: DWIGHT REID
Title: PIPELINE FOREMAN Phone: 4099386960
Date condition Determined to Exist: 10/23/1992
Condition Location: City: PASADENA State: TX

Specific Location: JEFFERSON ROAD AND PORT TERMINAL RAILROAD, MP 33.44
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: CRUDE OIL

Description of Condition: 18" PIPELINE WAS FOUND TO HAVE 1-5/8" WRINKLE FOR APPROXIMATELY 1/3 OF THE CIRCUMFERENCE OF THE PIPE.

Discovery Circumstances: EXCAVATED THE PIPELINE TO CORRECT A SHORTED CASING, WHEN CONDITION WAS DISCOVERED.

Significant Effects on Safety: NONE.

Corrective Action Taken: PIPE IS CURRENTLY UNDER EXAMINATION AND PIPE REPAIR

PLAN IS BEING DEVELOPED.

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: 10/29/1992 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND

Date: 10/29/1992

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

Date of Follow-Up Report: 11/18/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called Blaine Parrott Compliance Coordinator for Amoco Pipeline Company and inquired about the status of this safety related condition report.

Action Taken By Operator: Mr. Parrott stated that Amoco Pipeline Company has cut out the bad section of pipe and replaced it with a good section.

Date Repair Completed: 11/11/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Juan A. Mendoza
Reviewed by: James C. Thomas
Region Chief

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

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

Date of Follow-Up Report: 11/03/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Contacted Blaine Parriot and he reports that the wrinkle has been xrayed and they did not find any flaws but have desided to replace it with new pipe at the same time as the ajacent shorted road crossing is replaced.

Action Taken By Operator: Project will commice on Sunday Nov.8,1992.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Will call on 11/16/92 for an update.

Prepared by: N. E. Miley

Reviewed by: J. C. Thomas

Region Chief

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

Report ID: 920056 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: INTERSTATE

Date of Report: 10/29/1992 Date Received: 10/29/1992
Reporting Official's Name: JACK . ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: JON KINNEY
Title: ENGINEER Phone: 4125271513
Date condition Determined to Exist: 10/23/1992
Condition Location: City: LIMESTONE TWP State: PA

Specific Location: CLARION COUNTY, NEAR CORSICA
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 10/21/92 A LEAK WAS DISCOVERED BY RIGHT-OF-WAY MOVING CREW. LEAK WAS EVALUATED AND CLASSIFIED AS A GRADE 2.

Discovery Circumstances: LINE EXPOSED ON 10/22/92 REVEALED A LEAK CAUSED BY
CORROSION.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: THE LEAK WAS REPAIRED BY INSTALLING A BOLT-ON SPLIT

SLEEVE. THE REMAINING WALL THICKNESS OF THE EXPOSED PIPE WAS EVALUATED AND DETERMINED THAT AN MAOP OF 344 PSIG WOULD BE REQUIRED FOR THE SEGMENT OF PIPE.

Shutdown: NO

Date Action Taken: 10/23/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 10/22/1992 To Be Completed By: 10/23/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/30/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 10/30/1992

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

Date of Follow-Up Report: 11/19/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: INSTALLED BOLT-ON SPLIT SLEEVE TO REPAIR LEAK.
DETERMINED THAT MAOP SHOULD BE REDUCED TO 344 PSI
BECAUSE OF REMAINING WALL THICKNESS OF PIPE EXPOSED
DURING REPAIR. PRESSURE REDUCED ON 10/23/92

Date Repair Completed: 10/23/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: CNG HAS PLANS TO REPLACE THIS LINE. CLOSE THIS SAFETY RELATED
CONDITION
REPORT.

Prepared by: KATE MILLER

Reviewed by: W H GUTE

Region Chief

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

Report ID: 920057 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: INTERSTATE

Date of Report: 11/04/1992 Date Received: 11/04/1992
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: CHARLIE MUTH
Title: OPERATIONS SUPERVISOR Phone: 8145835171
Date condition Determined to Exist: 10/29/1992
Condition Location: City: JEFFERSON TWP State: PA

Specific Location: NEAR SUMMERSVILLE, 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: RESIDENT REPORTED LEAK INDICATION AT 5 P.M. ON 10/28/92. PERSONNEL WERE DISPATCHED & LEAK CLASSIFIED AS GRADE 1. LINE SEGMENT ISOLATED AT 7:35 PM & ALLOWED TO VENT TO ATMOSPHERE. FAMILIES WERE EVACUATED AND SR 2015 & TWP 514 CLOSED AS A PRECAUTIONARY MEASURE UNTIL LINE WAS BLOWN DOWN. LINE EXPOSED ON 10/29/92 REVEALING CORROSION CAUSED LEAK.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: LINE SHUT DOWN 7:35 PM 10/28/92. LINE REPLACEMENT BEGAN 10/30/92. REPLACEMENT OF 230' OF PIPE HAS BEEN MADE BASED ON EVALUTION OF EXPOSED PIPING.

Shutdown: NO

Date Action Taken: 10/29/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 10/30/1992 To Be Completed By: 11/04/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/06/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND

Date: 11/06/1992

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

Date of Follow-Up Report: 01/08/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Operator installed 230' of replacement pipe by open cutting the road, installing a casing and inserting replacement line. Pretested, coated pipe was used for the replacement. Tie-ins were x-rayed. CP test station installed on new pipe and casing.

Date Repair Completed: 11/04/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This line is parallel to line 10. Both lines are to be replaced with one new line.

Prepared by: Kate Miller

Reviewed by: W.H. Gute

Region Chief

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

Report ID: 920058 Condition Number(s): 4
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: 11/04/1992 Date Received: 11/04/1992
Reporting Official's Name: LAURIE TULLY
Title: OPERATION SHIFT SUPERVISOR Phone: 5043597191
Determining Person's Name: WILLIAM P. HENDERSON
Title: MD TANK FARM OP/PROCESS DIV. Phone: 5043597628
Date condition Determined to Exist: 10/20/1992
Condition Location: City: BATON ROUGE State: LA

Specific Location: MARYLAND TANK FARM/SOUTHFIELD TANK FARM; #7 MIDDLE
DISTILLATE TRANSFER LINE, 4045 SCENIC HWY

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

Product in Pipeline:

Description of Condition: OVERPRESSURE ALARM ACTIVATED. MD TANK FARM OPERATOR

NOTIFIED SOUTHFIELD TANK FARM OPERATOR. A VALVE WAS FOUND TO BE BLOCKED ON THE SOUTHFIELD END OF THE TRANSFER. IMPROPER ALIGNMENT OF VALVES; WRONG VALVE OPENED ON THE MANIFOLD OF THE TANK BEING TRANSFERRED INTO.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: EMPLOYEE COUNSELLED ON PROPER ALIGNMENT OF VALVES FOR

THIS TRANSFER. A NEW PROCEDURE IS IN PLACE FOR VERIFYING THE POSITION OF EVERY VALVE ON THE TRANSFER AND THE INCIDENT WILL BE EMPHASIZED IN DOT TRAINING.

Shutdown: NO

Date Action Taken: 10/20/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/06/1992 Region: SOUTHWES
Date Sent To State: 11/06/1992 State/Agency: LA DNR
OPS Representative: LISA J. GARLAND
Date: 11/06/1992

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: This NCR was closed 04/16/93

Action Taken By Operator:

Date Repair Completed: 04/16/1993

Resulted in Incidents After Report: NO

Date of Incident: 11/04/1992

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: 920059 Condition Number(s): 4
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: 11/13/1992 Date Received: 11/13/1992
Reporting Official's Name: LAURIE TULLY
Title: OPERATION SHIFT SUPERVISOR Phone: 5043597191
Determining Person's Name: J.W. BOURGEOIS
Title: MD TANK FARM OP/PROCESS DIV. Phone: 5043597628
Date condition Determined to Exist: 10/31/1992
Condition Location: City: BATON ROUGE State: LA

Specific Location: MARYLAND TANK FAR/SOUTH FIELD TANK FARM, #7 MIDDLE
DISTILLATE TRANSFER LINE, 4045 SCENIC HWY

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:

Description of Condition: IMPROPER ALIGNMENT OF VALVES; WRONG VALVE OPEN ON #7

MIDDLE DISTILLATE LINE IN THE EAST AREA OF THE SOUTH
FIELD TANK FARM.

Discovery Circumstances: OVERPRESSURE ALARM ACTIVATED; MD TANK FARM
OPERATOR NOTIFIED SOUTH FIELD OPERATOR. A VALVE
WAS FOUND TO BE BLOCKED ON THE SOUTH FIELD OF THE
TRANSFER.

Significant Effects on Safety: NONE

Corrective Action Taken: NO REPAIRS NECESSARY.

Shutdown: NO

Date Action Taken: 10/31/1992

Planned Follow-Up/Corrective Action: EMPLOYEE COUNSELLED ABOUT PROPER
ALIGNMENT. NEW PROCEDURE IN PLACE FOR
VERIFYING POSITION OF EVERY VALVE ON
TRANSFER.

To Begin: To Be Completed By:

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

Date Sent To Region: 11/13/1992 Region: SOUTHWES

Date Sent To State: 11/13/1992 State/Agency: LA DNR

OPS Representative: LISA J. GARLAND
Date: 11/13/1992

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NCR was closed on 04/16/93

Action Taken By Operator:

Date Repair Completed: 04/16/1993

Resulted in Incidents After Report: NO

Date of Incident: 11/13/1992

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: 920060 Condition Number(s): 4
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: 11/13/1992 Date Received: 11/13/1992
Reporting Official's Name: R.C. ABSHIRE
Title: OPERATION SHIFT SUPERVISOR Phone: 5043597628
Determining Person's Name: WALTER BOURGEOIS
Title: MD TANK FARM OP/PROCESS DIV. Phone: 5043597628
Date condition Determined to Exist: 11/06/1992
Condition Location: City: BATON ROUGE State: LA

Specific Location: MD TANK FARM; #7 MIDDLE DISTILLATE LINE; 4045 SCENIC HWY

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

Product in Pipeline:

Description of Condition: OVERPRESSURE ALARM ACTIVATED; VALVE ON BARGE AT REFINERY DOCKS WAS FOUND CLOSED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: DISCUSSED INCIDENT WITH TOWING COMPANY (APEX).
REVIEWING CURRENT PROCEDURES FOR POSSIBLE
ENHANCEMENTS TO PREVENT RECURRENCE OF THIS TYPE
INCIDENT.

Shutdown: NO

Date Action Taken: 11/06/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 11/06/1992 To Be Completed By: 11/17/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/13/1992 Region: SOUTHWES
Date Sent To State: 11/13/1992 State/Agency: LA DNR
OPS Representative: LISA J. GARLAND
Date: 11/13/1992

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NCR was closed 04/16/94

Action Taken By Operator:

Date Repair Completed: 04/16/1993

Resulted in Incidents After Report: NO

Date of Incident: 11/13/1992

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: 920061 Condition Number(s): 9
Operator Name: EXXON PIPELINE COMPANY OPID: 4906
Street Address: P O BOX 2220
City: HOUSTON State: TX ZIP: 772522220

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 11/13/1992 Date Received: 11/12/1992
Reporting Official's Name: J.B. HOLT
Title: ENV. & REG. COMP. MANAGER Phone: 7136565521
Determining Person's Name: R.W. MARTIN
Title: TECH ADM SUPER Phone: 7137404485
Date condition Determined to Exist: 11/06/1992
Condition Location: City: DALLAS COUNTY State: TX

Specific Location: 1/2 MILE EAST OF TRINITY RIVER ON LOOP 12
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: EROSION/LANDSLIDE

Product in Pipeline: REFINED PRODUCTS

Description of Condition: MOVEMENT OF THE PIPELINE DUE TO EROSION/SLOPE FAILURE DOES NOT EFFECT THE SERVICEABILITY OF THE PIPE & IS THEREFORE NOT AT A REPORTABLE LEVEL; EPC IS REPORTING THIS SRCR DUE TO THE IN-SITU CURVATURE OF THE PIPE AND THE STRESSES INDUCED BY THE MOVEMENT. THE EVENT OCCURRED AT A REPORTABLE LOCATION ON A REPORTABLE SYSTEM.

Discovery Circumstances: RIVER BANK EROSION/SLOPE FAILURE FROM PREVIOUS FLOOD EXPOSED 35 FEET OF PIPE AND CAUSED MOVEMENT OF THE PIPE.

Significant Effects on Safety: NONE

Corrective Action Taken: PERFORMED ONSITE INSPECTION OF EXPOSED PIPELINE TO INVESTIGATE WRINKLES, BENDS, OR BUCKLES. NO ANOMOLIES, WRINKLES, BENDS, GOUGES, BUCKLES WERE DISCOVERED. STABILIZE EXPOSED PIPE IN THE RIVER CROSSING & BANK WITH I BEAM STRUCTURAL SUPPORTS; BEGAN 11/10/92. EST COMPLETION DATE: 11/20/92.

Shutdown: NO

Date Action Taken: 11/06/1992

Planned Follow-Up/Corrective Action: INSTALL NEW DIRECTIONALLY DRILLED RIVER CROSSING COMPOSED OF HEAVY WALL, SEAMLESS PIPE, AT LEAST 25 FEET BELOW EXISTING PROFILE OF THE RIVER BOTTOM.ING

To Begin: 11/06/1992 To Be Completed By: 01/31/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/13/1992 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 11/13/1992

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

Date of Follow-Up Report: 10/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored by region.

Action Taken By Operator: Trinity River crossing pipe was stabilized to correct the safety related condition nov. 12,1993.Plans are to install a new crossing by directional drilling.

Date Repair Completed: 11/12/1993

Resulted in Incidents After Report: NO

Date of Incident: 11/13/1993

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.

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

Date of Follow-Up Report: 04/29/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Company reports the proposed replacement of the river crossing by directional drilling is still on schedule.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Company expects to have project completed by August 1, 1993

Prepared by: Norris E. Miley

Reviewed by: Jaames C. Thomas

Region Chief

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

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

Date of Follow-Up Report: 12/10/1992

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: No changes to report

Action Taken By Operator:

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: N E Miley

Reviewed by: J C Thomas

Region Chief

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

Report ID: 920062 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: 11/11/1992 Date Received: 11/13/1992
Reporting Official's Name: C.J. GIRRENS
Title: EASTERN DISTRICT MANAGER Phone: 4043962994
Determining Person's Name: T.W. WILLIAMS
Title: PROJECT ENGINEER Phone: 4043962994
Date condition Determined to Exist: 11/09/1992
Condition Location: City: LEE COUNTY State: AL

Specific Location: 3/8 MILES WEST OF U.S. 29
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 0.062". AREA EXTENDS 91" ALONG THE PIPE
AXIS FROM 10 O'CLOCK TO 12:30 O'CLOCK. LONGITUDINAL
SEAM AT 1 O'CLOCK.

Discovery Circumstances: RIGHT-OF-WAY MOWING CONTRACTOR REPORTED
PARTIALLY

EXPOSED PIPE IN CREEK BOTTOM, POSSIBLE COATING
DAMAGE.

Significant Effects on Safety: NONE

Corrective Action Taken: LOWER MAOP TO 1000 PSIG AT 7:30 PME, 11/09/92, NORMAL
OPERATING PSI APPROXIMATELY 2500 PSIG. PRESSURE DID
NOT EXCEED 400 PSIG DURING RESTRICTED PERIOD.

Reduced Pressure From (PSI): 1440 to (PSI): 1000

Shutdown: NO

Date Action Taken: 11/09/1992

Planned Follow-Up/Corrective Action: INSTALL 8' OF FULL WRAP 1:30 PME TO 5:15
PME ON 11/10/92. RETURN TO NORMAL
OPERATIONS. EPOXY RECOAT. RECONFIGURE
CREEK BOTTOM TO PROVIDE COVER OVER PIPE.

To Begin: To Be Completed By:

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

Date Sent To Region: 11/13/1992 Region: SOUTHERN

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND

Date: 11/13/1992

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

Date of Follow-Up Report: 11/23/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: DISSCUSSED CONDITION WITH C.J. GIRRENS, EASTERN
DISTRICT MANAGER, DIXIE PIPELINE CO. ON
11-23-92.

Action Taken By Operator: GENERAL CORROSION CONDITION CORRECTED BY USING
8

FEET OF FULL WRAP AND EPOXY RECOAT.

Date Repair Completed: 11/10/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NORMAL OPERATING PRESSURE APPROXIMATELY 250 PSI. PRESSURE DID
NOT EXCEED

400 PSI DURING RESTRICTED PERIOD.

Prepared by: DERICK L. TURNER

Reviewed by: Frederick A. Joyner

Region Chief

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

Report ID: 920063 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: INTERSTATE

Date of Report: 11/19/1992 Date Received: 11/19/1992
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: CHARLIE MUTH
Title: OPERATIONS SUPERVISOR Phone: 8145835171
Date condition Determined to Exist: 11/12/1992
Condition Location: City: JEFFERSON COUNTY State: PA

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: PIPE EXPOSED ON 11/12/92 REVEALING LEAK RESULTING FROM CORROSION.

Discovery Circumstances: AERIAL PATROL REPORTED POSSIBLE LEAK ON FACILITY ON 11/10/92. FIELD OPERATIONS INVESTIGATED REPORT AND CLASSIFIED LEAK INDICATION AS GRADE 2.

Significant Effects on Safety: NONE

Corrective Action Taken: INSTALLED A BOLTON SPLIT SLEEVE ON 11/12/92. BASED ON

EVALUATION OF REMAINING WALL THICKNESS, MAOP WAS REDUCED ON 11/13/92 FROM 822 PSIG TO 713 PSIG.

Reduced Pressure From (PSI): 822 to (PSI): 713

Shutdown: NO

Date Action Taken: 11/13/1992

Planned Follow-Up/Corrective Action: NONE

To Begin: 11/12/1992 To Be Completed By: 11/12/1992
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 11/19/1992 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 11/19/1992

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

Date of Follow-Up Report: 11/20/1992

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Installed bolt-on split sleeve to repair leak.
Determined that MAOP should be reduced to 713 PSI
because of remaining wall thickness of pipe exposed
during leak repair. Pressure was reduced 11/23/92.

Date Repair Completed: 11/13/1992

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This line is parallel to CNG's line LN-10. CNG has plans to replace both
of these lines. Close this Safety Related Condition Report.

Prepared by: Kate Miller

Reviewed by: W H GUTE

Region Chief

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

Report ID: 930001 Condition Number(s): 9
Operator Name: ENRON LOUISIANA ENERGY COMPANY OPID: 4459
Street Address: PO BOX 225
City: GEISMAR State: LA ZIP: 70734

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/14/1992 Date Received: 12/22/1992
Reporting Official's Name: FULTON LAMB
Title: PIPELINE SUPERVISOR Phone: 5046736137
Determining Person's Name: CORDELL THERIOT
Title: PIPELINE OPERATOR Phone: 3186438315
Date condition Determined to Exist: 12/14/1992
Condition Location: City: IOTA State: LA

Specific Location: 6 MILES NW OF IOTA, LA
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
9. Other: BUBBLES IN WATER
Product in Pipeline: NOT REPORTED.
Description of Condition: BUBBLES IN WATER.
Discovery Circumstances: NOT REPORTED.
Significant Effects on Safety: NOT REPORTED.
Corrective Action Taken: PLACED MARKERS AROUND LEAKING AREA WITH STAKES
AND

ROPED OFF. WILL MAKE NECESSARY REPAIRS WHEN WATER
GOES DOWN. RAINING IN AREA AT PRESENT TIME.

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: 01/05/1993 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: LISA GARLAND
Date: 01/05/1993

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

Date of Follow-Up Report: 10/06/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored by state.

Action Taken By Operator: Dug up leaking flange, tightened flange bolts and stopped leak.

Date Repair Completed: 12/14/1992

Resulted in Incidents After Report: NO

Date of Incident: 12/14/1992

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: 04/29/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: This is an Intrastate line and the State of La.
will follow up and report.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This is an intrastate line.

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas
Region Chief

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

Report ID: 930002 Condition Number(s): 4
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: INTRASTATE

Date of Report: 01/11/1993 Date Received: 01/21/1993
Reporting Official's Name: W.M. WHITE
Title: DISTRICT MANAGER Phone: 9167829018
Determining Person's Name: D.R. QUINN
Title: MANAGER, PIPELINE ENGINEERING Phone: 2134867780
Date condition Determined to Exist:
Condition Location: City: SAN FRANCISCO BAY State: CA

Specific Location: MP 16.2 TO 22.5 (ALAMEDA & SAN MATEO COUNTIES)
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: GASOLINES & DIESEL

Description of Condition: POTENTIAL REDUCTION IN WALL THICKNESS AT MULTIPLE LOCATIONS ON THE BURIED 10" INTRASTATE PIPELINE CROSSING OF THE SAN FRANCISCO BAY.

Discovery Circumstances: INTERNAL INSPECTION TOOL.

Significant Effects on Safety: POSSIBLE REDUCTION IN WALL THICKNESS SUFFICIENT TO REQUIRE REPAIRS.

Corrective Action Taken: CROSSING TAKEN OUT OF SERVICE 1/11/93 UNTIL DATA CAN

BE VERIFIED AND/OR REPAIR COMPLETED.

Shutdown: NOT REPORTED

Date Action Taken: 01/11/1993

Planned Follow-Up/Corrective Action: EXTENT OF REPAIR REQUIRED UNKNOWN UNTIL PIPE EXAMINED.

To Begin: 01/25/1993 To Be Completed By:

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

Date Sent To Region: 01/21/1993 Region: WESTERN

Date Sent To State: 01/21/1993 State/Agency: CA SFM

OPS Representative: LISA J. GARLAND

Date: 01/21/1993

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

Date of Follow-Up Report: 12/14/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THIS SRCR WAS MARKED CLOSED ON THE FILE FOLDER ON 13 SEPT 93.

Prepared by: KATCHMAR

Reviewed by: ZACH BARRETT

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: THIS SRCR WAS NOT ADDED TO THE DATABASE AT THE

CORRECT TIME. THE REGION AND CSFM HANDLED THE SRCR CORRECTLY. THE FOLLOWING INFORMATION WAS GATHERED FROM A LETTER FROM THE CSFM TO THE REGION DATED 09/07/1993.

Action Taken By Operator: SIX LOCATIONS OF SIGNIFICANT DETERIORATION WERE LOCATED USING SMART PIGS. THESE LOCATIONS WERE REPAIRED USING THE FULL ENCIRCLEMENT METHOD. CSFM STAFF ENGINEERS WERE PRESENT DURING REPAIR PROCEDURES. ON 2/17/1993 THE CSFM REQUESTED SFPP TO SHUT DOWN THE LINE AND PRESSURE TEST THE LINE UPON COMPLETION OF REPAIRS. A CSFM ENGINEER WITNESSED THE PRESSURE TEST TO 1790 PSIG. SFPP RAN A SMART PIG AFTER THE PRESSURE TEST AND NO ANOMALIES WERE FOUND.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: RECOMMENDATION TO CLOSE THIS SRCR PER CSFM LETTER DATED 09/07/1993. SEE

LETTER IN FILE.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

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

Report ID: 930003 Condition Number(s): 1
Operator Name: UNITED GAS PIPELINE COMPANY OPID: 20230
Street Address: 696 SOUTH SHELBY STREET, PO BOX 548
City: CARTHAGE State: LA ZIP: 75633

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 01/27/1993 Date Received: 01/28/1993
Reporting Official's Name: EDWARD D. MCMULLEN
Title: DIVISION MANAGER Phone: 9036935172
Determining Person's Name: WAYNE ST. GERMAIN
Title: REGULATIONS COORDINATOR Phone: 3168323840
Date condition Determined to Exist: 01/21/1993
Condition Location: City: CARTHAGE State: TX

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: LINE WAS FOUND TO HAVE REDUCED WALL THICKNESS, INDICATING CORROSION.

Discovery Circumstances: UNITED'S CORROSION TECH NOTICED BUBBLES IN GROUND

(WET FROM RAIN) WHILE TAKING EPU READINGS.

Significant Effects on Safety: NONE

Corrective Action Taken: A LEAK REPAIR CLAMP WAS PLACED OVER LEAK & OVER LOCATION WHERE WALL THICKNESS WAS REDUCED TO .124. MAOP OF 254 PSIG WAS CALCULATED BASED ON THE WORST CASE WALL LOSS LOCATION FOUND BY SONRAY & NOT COVERED BY A LEAK REPAIR CLAMP. GAS CONTROL WAS NOTIFIED NOT TO EXCEED REDUCED MAOP UNTIL FURTHER NOTICE AND THAT LINE WOULD BE SHUT DOWN 1/26/ 93 OR 1/27/93 TO REPLACE PIPE.

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: 01/28/1993 Region: SOUTHWES
Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND
Date: 01/28/1993

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

Date of Follow-Up Report: 01/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted United Gas Representative, Wayne St
Jermain, he reports the line was repaired and
returned to service on January 29.1993.

Action Taken By Operator: Corroded pipe was replaced.

Date Repair Completed: 01/28/1993

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: 930004 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: 01/29/1993 Date Received: 01/29/1993
Reporting Official's Name: BILL WILSON
Title: GAS CONTROL SUPERVISOR Phone: 6196961995
Determining Person's Name: DONALD K. BROWN
Title: PRINCIPAL ENGINEER Phone: 6196964096
Date condition Determined to Exist: 01/22/1993
Condition Location: City: SAN DIEGO State: CA

Specific Location: SDG&E 16" TRANSMISSION MAIN --SAN LUIS REY RIVER
CROSSING OF COUSER CAN ROAD. S OF HWY 76.

Occurred on Outer Continental Shelf: NOT REPORTED

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: GAS

Description of Condition: SEVERE RAIN RESULTED IN RUNOFF CAUSING SAN LUIS REY

RIVER TO RUN HIGHER THAN NORMAL. SDG&E'S 16" TRANSMISSION LINE TRAVERSING THE RIVER WAS EXPOSED AND HAD RIVER DEBRIS DEPOSITED AGAINST IT. IT WAS DETERMINED THE LINE WAS BOWED & MIGHT BE EXPERIENCING HIGHER THAN NORMAL STRESS.

Discovery Circumstances: A TRANSMISSION RIGHT-OF-WAY PATROL PERFORMED ON

01/20/93 LED TO DISCOVERY OF THE EXPOSURE OF THE LINE.

Significant Effects on Safety: NONE

Corrective Action Taken: TRANSMISSION PRESSURES WERE LOWERED. MAINLINE VALVES

#1601 & #1602 WERE CLOSED. A TEMPORARY REGULATOR STATION WAS FABRICATED AT #1601 & PUT IN SERVICE TO MAINTAIN LINE PRESSURE AT 150 PSIG.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: PLANS ARE UNDERWAY TO COMPLETE

PERMANENT

REPAIRS OF THE LINE DURING MARCH 93.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: Region: WESTERN
Date Sent To State: 02/12/1993 State/Agency: CA PUC
OPS Representative: LISA J. GARLAND
Date: 02/12/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THIS SRCR WAS NOT ADDED TO THE DATABASE AT THE

PROPER TIME. A FOLLOW-UP REPORT DATED 11/22/93 WAS FOUND IN THE FILE SIGNED BY THE DIRECTOR. THIS SRCR WAS HANDLED CORRECTLY BY THE REGION AND THE CA PUC. THE CA PUC HAS VERIFIED THAT THE SAN DIEGO GAS AND ELECTRIC COMPANY HAS TAKEN CARE OF SRCR ON ITS 16" RAINBOW-MISSION TRANSMISSION LINE IN SAN DIEGO COUNTY.

Action Taken By Operator: TO CORRECT THE SAFETY RELATED CONDITION,SAN DIEGO

GAS & ELECTRIC COMPANY INITIATED A PROJECT TO RECONSTRUCT A SECTION OF THE AFFECTED PIPELINE ACROSS THE SAN LUIS REY RIVER. ABOUT 620 FEET OF PIPE WAS REPLACED WITH NEW CONCRETE COATED PIPE. THE NEW SEGMENT IS 17 FEET BELOW THE OLD LOCATION AND IS COATED WITH 1.5 INCHES OF CONCRETE TO INSURE NEGATIVE BUOYANCY. THE PIPE IS EXTERNALLY COATED AND PLACE UNDER CATHODIC PROTECTION SYSTEM OF THE EXISTING TRANSMISSION MAIN. HYDROSTATIC STRENGTH TEST WAS SUCCESSFULLY PERFORMED. ALTHOUGH THE AREA IS PRESENTLY CLASS 1, THE PIPELINE IS DESIGNED TO THE REQUIREMENTS OF CLASS 3 WITH A DESIGN FACTOR OF .50. THE MAOP FOR THE NEW PIPELINE IS 800 PSIG.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMMENDATION TO CLOSE THIS SRCR PER LETTER IN FILE DATED 11/23/1993.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

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

Report ID: 930005 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: 02/03/1993 Date Received: 02/09/1993
Reporting Official's Name: ED SOLL
Title: MAINTENANCE SUPERVISOR Phone: 6028894474
Determining Person's Name: ROBERT R. SPENCER
Title: MANAGER, EASTERN DISTRICT Phone: 6028894474
Date condition Determined to Exist: 01/28/1993
Condition Location: City: COOLIDGE State: AZ

Specific Location: SFPP LINE SECTION LS-53, SFPP MILE POST PLMP 62.67
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: REFINED PETROLEUM

Description of Condition: PETROLEUM PRODUCTS ODOR REPORTED IMMEDIATELY
DOWNSTREAM OF SFPP'S HIGH PRESSURE REFINED
PERTROLEUM PRODUCTS GILA RIVER CROSSING.

Discovery Circumstances: MR. LEE BALLARD, INVESTIGATOR, GILA RIVER INDIAN
COMMUNITY REPORTED TO SFPP'S PHOENIX TERMINAL.

Significant Effects on Safety: POTENTIAL DAMAGE TO THE PIPELINE DUE TO
FLOODING OF THE GILA RIVER IS IMPOSSIBLE TO
VERIFY UNTIL HIGH WATER CONDITION SUBSIDE. NO
LEAK HAS BEEN VERIFIED.

Corrective Action Taken: SHUTDOWN PUMPING UNLEADED REGULAR GASOLINE
PHOENIX TO

TUCSON AND STARTED DRAINING BACK TO PHOENIX TERMINAL.
PHOENIX TERMINAL APPROXIMATELY 200' LOWER ELEVATION
THAN SITE. GASOLINE HAS BEEN DISPLACED FROM THE
CROSSING BY PUMPING WATER INTO THE LINE.

Shutdown: YES

Date Action Taken: 01/28/1993

Planned Follow-Up/Corrective Action: SFPP PLANS TO REPLACE CROSSING BY
DIRECTIONAL BORING AND INSTALLING NEW
PIPE. DUE TO EXPECTED DURATION OF HIGH
WATER FLOWS ACROSS THE LINE, IT IS NOT

FEASIBLE TO INSPECT AND/OR REPAIR THE
EXISTING CROSSING.

To Begin: 02/10/1993 To Be Completed By: 03/31/1993
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 02/12/1993 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: MICHELLE UPTON
Date: 02/12/1993

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

Date of Follow-Up Report: 02/25/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: AZ C C acting as our agent report the stream crossing has been abandoned and a new crossing constructed to replace it.

Action Taken By Operator: Abandoned old stream crossing and bore a new crossing to replace it.

Date Repair Completed: 02/24/1993

Resulted in Incidents After Report: YES

Date of Incident: 01/28/1993

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: A product odor was reported in the Gila river. SFPP shut down the line and drained the line and filled it with water. A leak has not been confirmed.

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas

Region Chief

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

Report ID: 930006 Condition Number(s): 1
Operator Name: AMERADA HESS CORPORATION OPID: 386
Street Address: 1201 LOUISIANA STREET, SUITE 700
City: HOUSTON State: TX ZIP: 77002

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 02/22/1993 Date Received: 02/22/1993

Reporting Official's Name: CRAIG EDEL
Title: PROJECT ENGINEER Phone: 7137525910

Determining Person's Name: CRAIG EDEL
Title: PROJECT ENGINEER Phone: 7137525910

Date condition Determined to Exist: 02/16/1993
Condition Location: City: VE 310B State:

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: YES

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 CONDENSATE
Description of Condition: CORROSION-INDUCED LEAK IN 1" THREDOLET UPSTREAM
OF
DEPARTING BLOCK VALVE; MIST OBSERVED FROM VE 310 'A'
PLATFORM.

Discovery Circumstances:
Significant Effects on Safety: NO SIGNIFICANT SAFETY EFFECTS.
Corrective Action Taken: CLOSED DEPARTING BLOCK VALVE ON 2-16, THUS
ISOLATING

LEAK FROM PRESSURE SOURCE, WHICH IS DOWNSTREAM
PIPELINE. PIPELINE IS OUT OF SERVICE & DUE TO BE
ABANDONED IN SPRING '93. NO FURTHER ACTION IS PLANNED
BEFORE ABANDONMENT DATE.

Shutdown: YES
Date Action Taken: 02/16/1993
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/03/1993 Region: SOUTHWES
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 03/03/1993

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

Date of Follow-Up Report: 03/26/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Asked for report when pipeline segment
abandoned.

Action Taken By Operator: Pipeline segment abandoned. Abandonment reported to
S/W Region by telephone on 3/10/93 (C. Edel to L.
Atwell).

Date Repair Completed: 03/10/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

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: 930007 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: 02/25/1993 Date Received: 03/03/1993
Reporting Official's Name: TERRENCE D. DAVIS
Title: VICE PRESIDENT Phone: 9194830315
Determining Person's Name: THEODORE R. HODGES III
Title: DIRECTOR OF ENGINEERING SERV. Phone: 9194830315
Date condition Determined to Exist: 02/19/1993
Condition Location: City: MOORESVILLE State: NC

Specific Location: NCNG'S LINE #1 FROM MILEPOST 0.00 THROUGH 0.10 IN
IREDELL 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: DURING A MAINTENANCE PROJECT TO RECOAT APPROXIMATELY

500 FEET OF 16" X .250" X API5LX42 TRANSMISSION PIPING, A NUMBER OF AREAS WERE DISCOVERED WHERE CORROSION OF THE PIPE WALL HAD OCCURRED. AT ONE PARTICULAR LOCATION ULTRASONIC MEASUREMENTS INDICATED THE PIPE WALL THICKNESS WAS REDUCED TO .208".

Discovery Circumstances: WHEN TRANSMISSION PIPING WAS EXPOSED DURING A MAINTENANCE PROJECT IN WHICH APPROXIMATELY 500 FEET OF PIPING WAS BEING RECOATED.

Significant Effects on Safety: NONE

Corrective Action Taken: THE MAOP OF LINE #1 IN THIS AREA IS 828 PSIG BASED ON THE .250" WALL THICKNESS, THE 42,000 SMYS OF THE PIPE, AND THE .72 DESIGN FACTOR FOR CLASS 1 LOCATIONS. DUE TO THE REDUCTION IN THE THICKNESS OF THE PIPE WALL, THE MAOP WAS REDUCED TO 718 PSIG.

Reduced Pressure From (PSI): 828 to (PSI): 718

Shutdown: NO

Date Action Taken: 02/19/1993

Planned Follow-Up/Corrective Action: PERMANENT REPAIR TO BE MADE BY

REPLACING

AFFECTED PIPE.

To Begin: 04/05/1993 To Be Completed By: 05/05/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/03/1993 Region: SOUTHERN
Date Sent To State: 03/03/1993 State/Agency: NCPUC
OPS Representative: MICHELLE UPTON
Date: 03/03/1993

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

Date of Follow-Up Report: 12/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: DISCUSSED WITH JIM ANDERSON OF NORTH CAROLINA

UTILITIES COMMISSION. SECTION OF PIPELINE
REPLACE 4/02/93.

Action Taken By Operator: OPERATOR REPLACED 500 FT. OF PIPELINE WITH 16 INCH,
.250 WALL, EPOXIE COATED PIPE ON 4/02/93.

Date Repair Completed: 04/02/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CONDITION WAS CAUSED BY GENERAL CORROSION.

Prepared by: DERICK L. TURNER

Reviewed by: BENNIE ANDREWS

Region Chief

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

Report ID: 930008 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: 03/03/1993 Date Received: 03/03/1993
Reporting Official's Name: BYRON C. SCHULINGKAMP
Title: OPERATIONS SHIFT SUPERVISOR Phone: 5043597191
Determining Person's Name: W.D. SOULIER
Title: MD TANK FARM OP/PROCESS DIV. Phone: 5043597628
Date condition Determined to Exist: 02/08/1993
Condition Location: City: BATON ROUGE State: LA

Specific Location: NOT REPORTED
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: IMPROPER VALVE ALINGMENT WAS FOUND IN SOUTH FIELD

TANK FARM--A CHAIN VALVE WAS CLOSED AT AVE. V & 16 ST.

Discovery Circumstances: OVERPRESSURE ALARM SOUNDED. MD OPERATOR & SOUTH

FIELD OPERATOR WERE MONITORING PRESSURES ON TMS AT THE STARTUP OF PUMPING.

Significant Effects on Safety: NONE
Corrective Action Taken: NONE NECESSARY.

Shutdown: NO
Date Action Taken: 02/08/1993
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/08/1993 Region: SOUTHWES
Date Sent To State: 03/08/1993 State/Agency: LA DNR

OPS Representative: LISA J. GARLAND
Date: 03/08/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NCR was closed 04/13/93

Action Taken By Operator:

Date Repair Completed: 04/16/1993

Resulted in Incidents After Report: NO

Date of Incident: 11/13/1993

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: 930009 Condition Number(s): 9
Operator Name: GULF STATES PIPELINE CORPORATION OPID: 6914
Street Address: 1324 N. HEARNE, SUITE 300
City: SHREVEPORT State: LA ZIP: 71107

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/12/1993 Date Received: 03/04/1993
Reporting Official's Name: JOSEPH P. PROVENZA, JR.
Title: EXECUTIVE VICE PRESIDENT Phone: 3182220026
Determining Person's Name: JOSEPH P. PROVENZA, JR.
Title: EXECUTIVE VICE PRESIDENT Phone: 3182220026
Date condition Determined to Exist: 02/12/1993
Condition Location: City: SHREVEPORT State: LA

Specific Location: SE 1/4 OF THE NE 1/4 OF SECTION 15, T18N, R14W, CADDO
PARISH

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: EARTH MOVEMENT

Product in Pipeline: GAS

Description of Condition: SEE ATTACHED LETTER.

Discovery Circumstances: SEE ATTACHED LETTER.

Significant Effects on Safety: NONE

Corrective Action Taken: SEE ATTACHED LETTER.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: MEETING SCHEDULED WITH SWEPCO ASAP TO
ASSESS ENGINEERS' REPORT & TO DETERMINE
FUTURE ACTION

To Begin: To Be Completed By:

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

Date Sent To Region: 03/08/1993 Region: SOUTHWES

Date Sent To State: 03/08/1993 State/Agency: LA DNR

OPS Representative: LISA GARLAND

Date: 03/08/1993

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

Date of Follow-Up Report: 01/30/1995

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE STATE OF LOUISIANA HAS BEEN EVALUATING THE

OPERATOR AND FEELS THAT THE SAFETY RELATED
CONDITION NO LONGER EXISTS. OPS/SOUTHWEST REGION
HAS COPIES OF REPORTS SUBMITTED BY GULF STATES.

Action Taken By Operator: GULF STATES HAS PREPARED A REPORT AND PLAN TO FOLLOW

THE RECOMMENDATIONS THAT WERE MADE IN THE REPORT.
WILL MAINTAIN A HEIGHTENED AWARENESS OF THE EARTH
MOVEMENT AREA. PERIODIC VISUAL INSPECTIONS FOR THIS
AREA.

Date Repair Completed: 01/03/1995

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SOUTHWEST REGION HAS COPIES OF REPORTS THAT WERE SUBMITTED TO DOT,

THROUGH THE STATE OF LOUISIANA.

Prepared by: LOUISIANA DNR/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

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

Report ID: 930010 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: 03/08/1993 Date Received: 03/18/1993
Reporting Official's Name: TERRELL E. HOWES
Title: OPERATIONS SUPERVISOR Phone: 5043594723
Determining Person's Name: CARL ABSHIRE
Title: FEED OPERATOR Phone: 5043597698
Date condition Determined to Exist: 03/08/1993
Condition Location: City: BATON ROUGE State: LA

Specific Location: MARYLAND TANK FARM/NO. 10 PIPESTILL, 4045 SCENIC HIGHWAY

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: NOT REPORTED

Discovery Circumstances: ACTIVATED OVERPRESSURE ALARM. A BLOCKED VALVE AT

NO. 10 PIPESTILL PREVENTED RECEIPT OF FEED TO UNIT. COMMUNITY REPORTED TO SFPP'S PHOENIX TERMINAL.

Significant Effects on Safety: NONE

Corrective Action Taken: NO REPAIRS NECESSARY.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: VERIFY ALL VALVES ARE SET CORRECTLY BY VISUALLY CHECKING EACH VALVE. PIPESTILL PERSONNEL DEVELOPE PROCEDURE TO ENSURE UNIT VALVES ARE SET CORRECTLY. MARYLAND PERSONNEL STARTUP PUMP WITH BY-PASS OPEN. MARYLAND PERSONNEL TO STANDBY PUMP DURING INITIAL TRANSFER OF FEED TO 10

PIPESTILL.NAL BORING AND INSTALLING NEW
PIPE. DUE TO EXPECTED DURATION OF HIGH
WATER FLOWS ACROSS THE LINE, IT IS NOT
FEASIBLE TO INSPECT AND/OR REPAIR THE
EXISTING CROSSING.

To Begin: 03/08/1993 To Be Completed By: 03/08/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/18/1993 Region: SOUTHWES
Date Sent To State: 03/18/1993 State/Agency: LA DNR
OPS Representative: MICHELLE UPTON
Date: 03/18/1993

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

Date of Follow-Up Report: 04/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The state investigated and had EXXON correct the problems See TRC,S numbers 920058,920059 and 920060 alol of these SRC,S were caused by the same operating problems.

Action Taken By Operator:

Date Repair Completed: 04/16/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: This is an intrastate facility.

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas

Region Chief

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

Report ID: 930011 Condition Number(s): 1
Operator Name: MOBIL PIPE LINE COMPANY OPID: 12628
Street Address: P.O. BOX 900
City: DALLAS State: TX ZIP: 75221

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 03/12/1993 Date Received: 03/19/1993
Reporting Official's Name: J.C. DURBIN
Title: GENERAL MANAGER Phone: 2146582400
Determining Person's Name: S.S. SOBEY
Title: MANAGER,NORTH EAST REGION Phone: 7164277510
Date condition Determined to Exist:
Condition Location: City: SEE ATTACHED MAP State: NY

Specific Location: MPLCO. 6" REFINED PRODUCTS PIPELINE FROM
BINGHAMTON,NY
TO BUFFALO,NY AND THE LATERAL LINE INTO ROCHESTER
TERMINAL.

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: SEE ATTACHED LETTER

Discovery Circumstances: SEE ATTACHED LETTER

Significant Effects on Safety: SEE ATTACHED LETTER

Corrective Action Taken: SEE ATTACHED LETTER

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: SEE ATTACHED LETTER

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/19/1993 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE UPTON
Date: 03/19/1993

**** 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: Mobil completed all necessary repairs identified by the smart pigging. The attached report listed a summary of repairs by method.

Date Repair Completed: 12/23/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: It is requested to close this report.

Prepared by: Phillip Nguyen

Reviewed by: Bill Gute

Region Chief

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

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

Date of Follow-Up Report: 05/21/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: MOBIL PIPE LINE CONTINUED REPAIRS ON 2 SEGMENTS BINGHAMPTON TO WATERLOO WITH 40 REPAIRS SO FAR, AND FROM WATERLOO TO BATAVIA WITH 23 REPAIRS. THE OTHER SEGMENT FROM BATAVIA TO BUFFALO HAD BEEN COMPLETED. NO LINE PRESSURE REDUCTION REQUIRED EXCEPT WHEN WELDING WAS CONDUCTED. PNGUYEN

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: (Phillip Nguyen closed this one today 6/26/96)

Prepared by: PHILLIP NGUYEN

Reviewed by: Phillip Nguyen

Region Chief

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

Report ID: 930012 Condition Number(s): 1
Operator Name: WESTERN RESOURCES, INC. OPID: 10037
Street Address: 818 KANSAS AVENUE
City: TOPEKA State: KS ZIP: 66612

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/19/1993 Date Received: 03/22/1993
Reporting Official's Name: HANS E. MERTENS
Title: VICE PRESIDENT-GAS ENGINEERING Phone: 8163465575
Determining Person's Name: LARRY FISCHER
Title: DIRECTOR Phone: 3166726861
Date condition Determined to Exist: 03/18/1993
Condition Location: City: State: KS

Specific Location: LINE-1601, MILE POST-56.95, SURVEY STATION
NO.-3477+19,L.D. NW/4-14-T24S-R6W
STATE-KANSAS,COUNTY-RENO

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: A 14" LONG X 0.209" DEEP CORROSION PIT ON THE CARRIER PIPE AT THE BROE COMPANY RAILROAD CROSSING. PIPELINE IS A 16" O.D.-0.400" W.T., BARE STEEL LINE.

Discovery Circumstances: PERFORMING REMEDIAL ACTION TO ACHIEVE ELECTRICAL

ISOLATION ON A CASING INSTALLATION.

Significant Effects on Safety: NONE ARE EXPECTED. THIS PARTICULAR SECTION OF RAILROAD IS USED ON A LIMITED BASIS DURING HARVEST SEASON. BROE COMPANY RAILROAD HAS TAKEN THIS SECTION OUT OF SERVICE UNTIL PIPELINE REPAIRS ARE COMPLETED.

Corrective Action Taken: THE OPERATING PRESSURE ON THE LINE WAS REDUCED TO 100

PSIG AND WILL BE MAINTAINED AT THAT PRESSURE UNTIL THE CARRIER CAN BE REPLACED THROUGH THE RAILROAD RIGHT-OF-WAY. CURRENT SCHEDULES WOULD BE TO COMPLETE THE WORK WITHIN THE NEXT 10 DAYS PROVIDING WEATHER CONDITIONS ALLOW CONSTRUCTION.

Reduced Pressure From (PSI): 375 to (PSI): 100
Shutdown: NO

Date Action Taken: 03/17/1993

Planned Follow-Up/Corrective Action: PIPELINE SEGMENT WILL BE REPLACED

To Begin: 03/22/1993 To Be Completed By: 04/02/1993

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

Date Sent To Region: 03/22/1993 Region: CENTRAL

Date Sent To State: 03/22/1993 State/Agency: KS CC

OPS Representative: MICHELLE UPTON

Date: 03/22/1993

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

Date of Follow-Up Report: 05/21/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Staff from the Kansas Commerce Commission monitored the repairs and the replacement of the affected area of pipeline.

Action Taken By Operator: Installed 171 ft of 16 inch O.D., 0.250 wall, API 5L, X-52, ERW Thinfilm coated line pipe through the original 20 inch casing extended through R.R. R-O-W and 15 ft beyond.

Date Repair Completed: 03/29/1993

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: 930013 Condition Number(s): 6
Operator Name: CENTRAL FLORIDA PIPELINE CORP OPID: 2190
Street Address: 1904 HEMLOCK ST.
City: TAMPA State: FL ZIP: 33605

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 03/19/1993 Date Received: 03/22/1993
Reporting Official's Name: LARRY CLOUD
Title: LAKE ALFRED FIRE DEPARTMENT Phone: 8139563214
Determining Person's Name: EDDIE FOSTER
Title: ASSISTANT PIPELINE MANAGER Phone:
Date condition Determined to Exist: 03/12/1993
Condition Location: City: State: FL

Specific Location: 1/2 MILE WEST OF PIERCE STREET ON OLD LAKE ALFRED ROAD
AT THE LAKE ALFRED CITY LIMITS (CSX MP 838)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

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

Product in Pipeline: GASOLINE/DIESEL FUEL

Description of Condition: SEE ATTACHED LETTER

Discovery Circumstances: SEE ATTACHED LETTER

Significant Effects on Safety: SEE ATTACHED LETTER

Corrective Action Taken: SEE ATTACHED LETTER

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: SEE ATTACHED LETTER

To Begin: To Be Completed By: 04/05/1993

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

Date Sent To Region: 03/22/1993 Region: SOUTHERN

Date Sent To State: 03/22/1993 State/Agency: FL PSC

OPS Representative: MICHELLE UPTON

Date: 03/22/1993

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

Date of Follow-Up Report: 03/31/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACTED OPERATOR BY TELEPHONE TO CHECK STATUS

OF REPAIRS.

Action Taken By Operator: OPERATOR SHUT PIPELINE OPERATIONS DOWN WHEN LEAK WAS

DISCOVERED. CUT OUT AFFECTED SECTION OF PIPE AND REPLACED WITH FULL CYLINDER OF PIPE. SUSPECTED THAT LEAK WAS CAUSED BY HIGH POWERED RIFLE SHOT. SENT AFFECTED SECTION OF PIPE TO MCI LAB IN HOUSTON, TX. TO BE EXAMINED.

Date Repair Completed: 03/23/1993

Resulted in Incidents After Report: NO

Date of Incident: 03/12/1993

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: NONE

Prepared by: BENNIE ANDREWS

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 930014 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: 04/07/1993 Date Received: 04/07/1993
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: MIKE TRAVIS
Title: OPERATIONS SUPERVISOR Phone: 3047821200
Date condition Determined to Exist: 03/31/1993
Condition Location: City: State: WV

Specific Location: 20" TL-265 26+27 APPROXIMATELY 2 MILES FROM WEST UNION
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 CREW DRIVING BY NOTICED MUDDY WATER BUBBLING IN A

FIELD THAT OUR PIPELINE GOES THRU ON 3/30/93. THEY REPORTED IT TO DISTRICT HEADQUARTERS AND REPAIRS WERE PLANNED FOR THE FOLLOWING DAY. ON 3/31/93 THE PIPE WAS EXPOSED REVEALING A LEAK CAUSED BY CORROSION CONDITIONS.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: CLAMPS WERE INSTALLED OVER THE LEAK AND TWO DEEP PITS, AND A BOLT-ON BOX INSTALLED OVER THE LEAK REPAIR CLAMPS.

Shutdown: NO

Date Action Taken: 03/31/1993

Planned Follow-Up/Corrective Action: NONE

To Begin: 03/31/1993 To Be Completed By: 03/31/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 04/20/1993 Region: EASTERN
Date Sent To State: 04/20/1993 State/Agency: WV
OPS Representative: MICHELLE UPTON
Date: 04/20/1993

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

Date of Follow-Up Report: 11/30/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State investigated.

Action Taken By Operator: Installed a leak clamp and bolt-on-box.

Date Repair Completed: 03/31/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Darrell McKown of WV PSC signed off as closed.

Prepared by: Kate Miller

Reviewed by: Bill Gute

Region Chief

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

Report ID: 930015 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: 04/14/1993 Date Received: 04/14/1993
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: MIKE TRAVIS
Title: OPERATIONS SUPERVISOR Phone: 3047821200
Date condition Determined to Exist: 04/07/1993
Condition Location: City: State: WV

Specific Location: 20" TL-265 26+69. APPROXIMATELY 2 MILES FROM WEST UNION.
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: EMPLOYEE WAS DOING ANNUAL LEAK SURVEY ON 4/5/93 AND

FOUND THE LEAK INDICATION. IT WAS REPORTED TO DISTRICT HEADQUARTERS AND PLANS WERE DEVELOPED FOR EXPOSING PIPE ON 4/7/93. WHEN PIPE WAS EXPOSED THE CORROSION CONDITION WAS DISCOVERED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: CLAMPS WERE INSTALLED OVER THE LEAK AND ONE DEEP PIT.

A BOLT-ON BOX WAS INSTALLED OVER THE LEAK REPAIR CLAMP AT THE LEAK AREA.

Shutdown: NO

Date Action Taken: 04/07/1993

Planned Follow-Up/Corrective Action: NONE

To Begin: 04/07/1993 To Be Completed By: 04/07/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 04/20/1993 Region: EASTERN
Date Sent To State: 04/20/1993 State/Agency: WV
OPS Representative: MICHELLE UPTON
Date: 04/20/1993

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

Date of Follow-Up Report: 11/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Installed leak clamp and bolt-on box.

Date Repair Completed: 03/31/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: West Virginia Public Service Commission jurisdiction.

Prepared by: Kate Miller

Reviewed by: Bill Gute

Region Chief

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

Report ID: 930016 Condition Number(s): 2
Operator Name: TEXAS EASTERN PRODUCTS PIPELINE CO. OPID: 19237
Street Address: P.O. BOX 2521
City: HOUSTON State: TX ZIP: 77252-2521

System Type: LNG Inter/Intrastate: INTERSTATE

Date of Report: 04/22/1993 Date Received: 04/22/1993
Reporting Official's Name: JESSE L. MITCHELL
Title: MANAGER:CORROSION & DOT COMPL. Phone: 7137593784
Determining Person's Name: ROBERT C. KING
Title: AREA SUPERVISOR Phone: 5134224791
Date condition Determined to Exist: 04/14/1993
Condition Location: City: MIDDLETOWN State: OH

Specific Location: TODHUNTER TERMINAL 3590 YANKEE ROAD, BUTLER 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: NORMAL BUTANE
Description of Condition: SEE ATTACHED LETTER
Discovery Circumstances: SEE ATTACHED LETTER
Significant Effects on Safety: SEE ATTACHED LETTER
Corrective Action Taken: SEE ATTACHED LETTER

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: 04/27/1993 Region: CENTRAL
Date Sent To State: State/Agency:
OPS Representative: MICHELLE UPTON
Date: 04/27/1993

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

Date of Follow-Up Report: 06/22/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: OPERATOR REMOVED ALL PRODUCT FROM THE CAVERN
AND

ABANDONDED THE CAVERN. COULD NOT DETERMINE WHAT
CAUSED THE SUBSIDENCE ON THE CAVERN. THE CAVERN IS
STILL MONITORED, AND IS NOW ALMOST FILLED WITH
WATER.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CAVERN WAS ABANDONDED AFTER PRODUCT TAKEN OUT, SHORTLY
AFTER FILING SRCR

Prepared by: WARREN MILLER

Reviewed by: IVAN A. HUNTOON

Region Chief

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

Report ID: 930017 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: 04/27/1993 Date Received: 04/27/1993
Reporting Official's Name: GREGORY B. SCHROEDER, P.E.
Title: PLANNING ENGINEER Phone: 4142916729
Determining Person's Name: THOMAS KRAFT
Title: SUPERINTENDENT, DIST. SERVICES Phone: 4142281396
Date condition Determined to Exist: 04/21/1993
Condition Location: City: WAUWATOSA State: WI

Specific Location: INTERSECTION OF WEST CAPITOL DRIVE AND STH 100 (108TH STREET)

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: LEAKING MECHANICAL COUPLING ON 22" DIAMETER NATURAL

GAS STEEL PIPELINE WHICH HAS A MAXIMUM ALLOWABLE OPERATING PRESSURE OF 175 PSIG. THE LEAK WAS UNCOVERED ON THE SAME DAY AS A REPORT FROM THE LOCAL POLICE DEPARTMENT OF NATURAL GAS ODOR AT THE LOCATION.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: NONE

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: THE LEAK LOCATION IS VENTED AND IS BEING MONITORED UNTIL NECESSARY MATERIALS MAY BE RECEIVED TO REPLACE THE MECHANICAL COUPLING.

To Begin: 04/30/1993 To Be Completed By: 04/30/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 04/28/1993 Region: CENTRAL
Date Sent To State: 04/28/1993 State/Agency: WI PSC

OPS Representative: MICHELLE UPTON
Date: 04/28/1993

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

Date of Follow-Up Report: 04/28/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CRO called Tom Steimrich of the Wisconsin Public Service Commission on 4/28/93. He was aware of the problem and he had received a faxed copy of the safety- related condition report form from OPS HQ. He said he will send a follow-up report when repairs are completed.

Action Taken By Operator: The operator had a leaking Dresser mechanical coupling. The coupling will be replaced. New parts were due in on 4/29/93. Repairs are expected to be completed on 4/30/93.

Date Repair Completed: 04/30/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Tom Stemrich of the Public Service Commission of Wisconsin examined documents supplied by Wisconsin Gas Company and he has determined that all of the necessary repairs have been made.

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon
Region Chief

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

Report ID: 930018 Condition Number(s): 8
Operator Name: WESTERN RESOURCES, INC. OPID: 10037
Street Address: 818 KANSAS AVENUE
City: TOPEKA State: KS ZIP: 66612

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/26/1993 Date Received: 04/26/1993
Reporting Official's Name: HANS E. MERTENS
Title: VICE PRESIDENT-GAS ENGINEERING Phone: 8163465575
Determining Person's Name: LARRY FISCHER
Title: DIRECTOR Phone: 3166726861
Date condition Determined to Exist: 04/21/1993
Condition Location: City: State: KS

Specific Location: LINE-2202, MILE POST-56.95, SURVEY STATION NO. 64+36,
L.D. SE/4 31-T27S-R8W, COUNTY-KINGMAN

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: LEAKING FACILITY IS A COATED, CATHODICALLY PROTECTED, STEEL PIPELINE WHICH WAS INSTALLED IN 1965. THIS SEGMENT OF PIPE IS INSTALLED IN A STEEL CASING WHICH IS ELECTRICALLY ISOLATED FROM THE CARRIER PIPE. THE CAUSE OF THE LEAKAGE IS UNKNOWN AT THIS TIME.

Discovery Circumstances: WHILE CONDUCTING A ANNUAL LEAKAGE SURVEY, AN INDICATION OF GAS WAS DETECTED IN THE CASING VENT.

Significant Effects on Safety: NO SIGNIFICANT EFFECTS ON SAFETY ARE EXPECTED.

Corrective Action Taken: THE OPERATING PRESSURE ON THE LINE WAS REDUCED TO 125

PSIG AND WILL BE MAINTAINED AT THAT PRESSURE UNTIL THE PIPE CAN BE REPLACED. THIS WORK IS SCHEDULED TO BE COMPLETED WITHIN 60 DAYS.

Reduced Pressure From (PSI): 350 to (PSI): 125

Shutdown: NO

Date Action Taken: 04/20/1993

Planned Follow-Up/Corrective Action: PIPELINE SEGMENT WILL BE REPLACED

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/03/1993 Region: CENTRAL
Date Sent To State: 05/03/1993 State/Agency: KS CC
OPS Representative: MICHELLE UPTON
Date: 05/03/1993

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

Date of Follow-Up Report: 05/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Spoke with Glenn Smith of Kansas Commerce Commission on 5/4/93. He received a copy of the SRCR follow-up form from OPS HQ. Glenn has one of his inspectors out of Wichita working with Western Resources. The site of the leak is a casing under HWY 54, 8 miles west of Kingman, KS. The source of the leak is unknown.

Action Taken By Operator: Western Resources will conduct an investigation of the site in the next 2-3 weeks, including a possible excavation, to determine whether the pipeline and/or the casing is leaking.

Date Repair Completed: 05/27/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Final repairs included the installation of 286' of 22 in. O.D., .312" wall, API 5Lx60, thin film coated pipe extending through highway R-O-W and 10' beyond.

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon
Region Chief

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

Report ID: 930019 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: 05/12/1993 Date Received: 05/12/1993
Reporting Official's Name: RONNY DAVENPORT
Title: ASST. DIVISION MANAGER Phone: 4058784145
Determining Person's Name: SAME AS ABOVE
Title: Phone:
Date condition Determined to Exist: 05/04/1993
Condition Location: City: MCCLAIN COUNTY State: OK

Specific Location: NE/4 SECTION 32-7N-2W, MILEPOST 30, CHEROKEE 12"
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: PIPELINE SUSPENDED

Product in Pipeline: CRUDE OIL

Description of Condition: WALNUT CREEK CROSSING WASHED OUT DUE TO RECENT
RAINS. PIPE IS SUSPENDED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: CROSSING IS SCHEDULED TO BE REPLACED BY
DIRECTIONAL

DRILL.RIGHT OF WAY PROBLEMS AND WEATHER CAUSED A
DELAY.AS SOON AS WEATHER CONDITIONS PERMIT THE
CROSSING WILL BE REPLACED BY THIS METHOD.AN EXECUTED
CONTRACT EXISTS FOR THIS WORK.ADDITIONAL MONITORING
WILL BE MAINTAINED UNTIL CROSSING CAN BE REPLACED.

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: 05/13/1993 Region: SOUTHWES

Date Sent To State: 05/13/1993 State/Agency: OK CC

OPS Representative: MICHELLE UPTON

Date: 05/13/1993

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

Date of Follow-Up Report: 10/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored by the state.

Action Taken By Operator: Pipe was replaced.

Date Repair Completed: 09/14/1993

Resulted in Incidents After Report: NO

Date of Incident: 05/12/1993

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Norris E. Miley

Reviewed by: Jame C. Thomas

Region Chief

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

Report ID: 930020 Condition Number(s): 10
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: 05/12/1993 Date Received: 05/12/1993
Reporting Official's Name: T.J. BOGLE
Title: SUPERINTENDENT, OPER.& MAINT. Phone: 4054523285
Determining Person's Name: MIKE WINTERS
Title: PIPELINER IV Phone: 4054523285
Date condition Determined to Exist: 05/10/1993
Condition Location: City: WETUMKA State: OK

Specific Location: LINE #15, MILEPOST 8, HUGHES OK
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
Product in Pipeline: NATURAL GAS
Description of Condition: SEE ATTACHED LETTER
Discovery Circumstances: SEE ATTACHED LETTER
Significant Effects on Safety: SEE ATTACHED LETTER
Corrective Action Taken: SEE ATTACHED LETTER

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: 05/13/1993 Region: SOUTHWES
Date Sent To State: 05/13/1993 State/Agency: OK CC
OPS Representative: MICHELLE UPTON
Date: 05/13/1993

Report ID: 930021 Condition Number(s): 9
Operator Name: ONG TRANSMISSION COMPANY OPID: 14211
Street Address: 100 WEST FIFTH STREET
City: TULSA State: OK ZIP: 74102-0871

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/14/1993 Date Received: 05/14/1993
Reporting Official's Name: JOHN S. BERRY
Title: MANAGER-TRANSMISSION Phone: 9185887407
Determining Person's Name: GERRY LYNN
Title: CHIEF ENGINEER Phone: 9185887600
Date condition Determined to Exist: 05/10/1993
Condition Location: City: State: OK

Specific Location: AERIAL CROSSING OF A-26-26",ACROSS COFFEE
CREEK,LOCATED

IN THE NE/4 SECTION 22 T-14N-R2W,NEAR EDMOND,OK.STREET
LOCATION IS APPR.1/4 MILE WEST OF MIDWEST BLVD. AND 458'
SOUTH OF COVELLE RD. ON TRANSMISSION ATLAS MAP #24.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: FLOODING

Product in Pipeline: NATURAL GAS

Description of Condition: THE CONDITION WAS DUE TO FLOODING CAUSED BY
EXCESS

RAINFALL. THE FLOODING WASHED OUT A PORTION OF OUR
BANK STABILIZATION SYSTEM. THE SYSTEM WAS DESIGNED
TO STABILIZE AN EXISTING EROSION PROBLEM. THE ABOVE
MENTIONED WASH-OUT CONSEQUENTLY CAUSED THE EXPOSING
OF PIPE SUPPORT ON THE NORTH LEG OF THE OVER-HEAD
CROSSING LOCATED ON THE WEST BANK OF THE CREEK.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: NONE

Reduced Pressure From (PSI): 540 to (PSI): 175

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WE ARE CONTINUING THE EVALUATION OF THE
CONDITION AND WILL IMMEDIATELY IMPLEMENT
A PLAN TO REPAIR OR REBUILD THE
CROSSING.EXPECT IMMEDIATE REPAIRS TO BE
MADE WITHIN 30 DAYS.

To Begin: 05/10/1993 To Be Completed By: 05/10/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/17/1993 Region: SOUTHWES
Date Sent To State: 05/17/1993 State/Agency: OK CC
OPS Representative: MICHELLE UPTON
Date: 05/17/1993

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

Date of Follow-Up Report: 10/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored by the state.\

Action Taken By Operator: Replaced walnut creek crossing.

Date Repair Completed: 09/14/1993

Resulted in Incidents After Report: NO

Date of Incident: 05/12/1993

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: 930022 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: 05/14/1993 Date Received: 05/17/1993
Reporting Official's Name: STEVEN J. CHOBY
Title: MGR. CODES,STNDRS.& PROCD. Phone: 3043572349
Determining Person's Name: VICTOR GAGLIO
Title: AREA MANAGER Phone: 2152694440
Date condition Determined to Exist: 05/11/1993
Condition Location: City: State: PA

Specific Location: APPROX. 200' SOUTH OF TRAFFIC ROUTE T-30 AND 1670' NORTH
OF SR 3055; SOUTH OF DOWNINGTON. TOWNSHIP-WEST BRADFORD,
COUNTY-CHESTER

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 OCCURRED ON A 54" CYLINDRICAL SECTION
OF

14" O.D.,0.312" WALL, SMYS 45000, CATHODICALLY
PROTECTED PIPE. CORROSION ON THIS SHORT PIPE SEGMENT
IS ATTRIBUTED TO THE LACK OF COATING AT A WELD JOINT
CUT-BACK AREA DURING ITS 1948 CONSTRUCTION.

Discovery Circumstances: DISCOVERED AS A RESULT OF A RECENT CLOSE
INTERVAL

SURVEY. NO LEAKAGE OCCURED

Significant Effects on Safety: NONE

Corrective Action Taken: IMMEDIATELY RESTRICTED OPERATING PRESSURE TO 812
PSIG. CONSISTENT WITH B31G EVALUATION PENDING THE
IMMEDIATE REPLACEMENT OF THIS ISOLATED PIPE SECTION.

Reduced Pressure From (PSI): 1200 to (PSI): 812

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: CONTINUE USING ENHANCED, CLOSE INTERVAL
CATHODIC PROTECTION SURVEY TECHNIQUES TO
IDENTIFY AND REMEDIATE ANY OTHER LOW
POTENTIAL AREAS.

To Begin: 05/17/1993 To Be Completed By: 05/21/1993
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/17/1993 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE UPTON
Date: 05/17/1993

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

Date of Follow-Up Report: 06/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Problem was discovered as result of close interval survey. 207' of pipe were exposed to examine. 135' were replaced with .375 wall pre-tested pipe. Tie-ins were 100% x-rayed.

Date Repair Completed: 05/28/1993

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: Bill Gute

Region Chief

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

Report ID: 930023 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: 05/17/1993 Date Received: 05/17/1993
Reporting Official's Name: GLEN E. CARTER
 Title: SUPERVISOR-GAS COMPLIANCE Phone: 2174246853
Determining Person's Name: TED DAVIS
 Title: ENGINEERING REPRESENTATIVE Phone: 2173837275
Date condition Determined to Exist: 04/07/1993
Condition Location: City: CHAMPAIGN State: IL

Specific Location: REGULAR STATION D-18, ILLINOIS RT. 10, 1,150' WEST OF
STALEY ROAD, CHAMPAIGN COUNTY

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:

Description of Condition: SEE ATTACHED LETTER

Discovery Circumstances: SEE ATTACHED LETTER

Significant Effects on Safety: SEE ATTACHED LETTER

Corrective Action Taken: SEE ATTACHED LETTER

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A REPLACEMENT VALVE (GROVE-CLASS
600-1,440#VALVE) AND ASSOCIATED FITTINGS
ARE TO BE REPLACED

To Begin: To Be Completed By: 05/21/1993

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

Date Sent To Region: 05/18/1993 Region: CENTRAL

Date Sent To State: 05/18/1993 State/Agency: IL CC

OPS Representative: MICHELLE UPTON

Date: 05/18/1993

**** 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: 05/21/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

X Case Opened (Federal case identification number *)

Notes:

Prepared by: Don Moore

Reviewed by: Ivan Huntoon

Region Chief

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

Report ID: 930024 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: 05/18/1993 Date Received: 05/18/1993
Reporting Official's Name: JIM HENRY
Title: REGULATIONS COORDINATOR Phone: 4058784122
Determining Person's Name: JEFF SPEER
Title: AREA SUPERINTENDENT Phone: 9182256867
Date condition Determined to Exist: 05/14/1993
Condition Location: City: PAYNE COUNTY State: OK

Specific Location: SW/4 SECTION 24-T.18N-R.4 E.
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
9. Other: PIPELINE SUSPENDED
Product in Pipeline: CRUDE OIL
Description of Condition: CIMARRON RIVER CHANGING COURSE DUE TO RECENT
HEAVY
RAINS WASHED OUT UNDER 6" PIPELINE LEAVING PIPELINE
SUSPENDED.

Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: PIPELINE HAS BEEN REMOVED FROM SERVICE, AND HAS
BEEN
LOADED WITH WATER IN AN EFFORT TO PREVENT FLOATATION.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: PIPELINE WILL BE RELOCATED BY
CONVENTIONAL METHODS AS SOON AS WEATHER
CONDITIONS ALLOW. AFE HAS BEEN PREPARED
AND RIGHTS-OF-WAY IS BEING ACQUIRED.
MONITORING OF THE SITUATION IS BEING
CONTINUED.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 05/19/1993 Region: SOUTHWES
Date Sent To State: 05/19/1993 State/Agency: OK CC
OPS Representative: MICHELLE UPTON

Date: 05/19/1993

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

Date of Follow-Up Report: 10/04/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored by state.

Action Taken By Operator: Pipe was relocated.

Date Repair Completed: 09/14/1993

Resulted in Incidents After Report: NO

Date of Incident: 05/18/1993

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: 930025 Condition Number(s): 2
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: INTERSTATE

Date of Report: 05/26/1993 Date Received: 05/26/1993
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: JONATHAN A. KINNEY
Title: Phone: 4125271531
Date condition Determined to Exist: 05/20/1993
Condition Location: City: GREENE COUNTY State: PA

Specific Location: 4 MILES SOUTH OF WAYNESBURG
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: CONDITION AFFECTING PIPELINE IS GROUND SUBSIDENCE CAUSED BY COAL MINING USING LONG WALL METHOD. CNG IS IN CONTACT WITH CYPRESS EMERALD MINE (OPERATOR OF MINE) AND IS MONITORING THE SITUATION WITH REGARD TO PUBLIC SAFETY.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: NONE

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PIPELINE AFFECTED BY MINE SUBSIDENCE HAS BEEN EXPOSED FROM SURVEY STATIONS 784+75 TO 776+00. STRAIN GAUGES ARE INSTALLED AND ARE BEING MONITORED. SEE ATTACHED LETTER

To Begin: 05/27/1993 To Be Completed By: 07/01/1993
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 05/26/1993 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE UPTON
Date: 05/26/1993

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

Date of Follow-Up Report: 11/13/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: requested to close this report.

Date Repair Completed: 07/28/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Region accepted request to 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: 10/07/1994

Further Follow-Up Reports Forthcoming:

Action Taken by Region/State:

Action Taken By Operator: Long wall mining is still progressing under the pipe. Strain gauges have been installed and are being monitored regularly.

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: 930026 Condition Number(s): 9 RESIDUE COATING
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: 05/27/1993 Date Received: 05/28/1993
Reporting Official's Name: JOHN DAYTON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: UNKNOWN
Title: Phone:
Date condition Determined to Exist:
Condition Location: City: State: AK

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
9. Other: RESIDUE COATING
Product in Pipeline: PETROLEUM
Description of Condition: SEE ATTACHED REPORT.
Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: NONE

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: 06/15/1993 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 06/15/1993

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

Date of Follow-Up Report: 10/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ISSUED FINAL ORDER

Action Taken By Operator: CABLE TESTED REPORT ON FILE

Date Repair Completed: 07/14/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

X Case Opened (Federal case identification number 53504 *)

Notes: CASE STILL OPEN BUT COMPLIANCE ORDER IS SATISFIED

Prepared by: B. HANSEN

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

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

Date of Follow-Up Report: 08/23/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED ALYESKA

Action Taken By Operator: CABLE TESTING

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: STATE OF ALASKA FOLLOWING UP

Prepared by: BRUCE HANSEN

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

Report ID: 930027 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: 06/08/1993 Date Received: 06/09/1993
Reporting Official's Name: JOHN DAYTON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 06/05/1993
Condition Location: City: ANCHORAGE State: AK

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: PETROLEUM

Description of Condition: TWO AREAS OF WALL LOSS DETECTED: ONE DUE TO GENERAL

CORROSION AND ONE DUE TO MECHANICAL DAMAGE.

Discovery Circumstances: INVESTIGATION PERFORMED DUE TO NKK PIG CALL.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: NO REDUCTION IN OP PRESSURE REQUIRED AT THIS LOCATION. APPLICATION OF 2.7' GIRTH-WELDED STRUCTURAL SLEEVE COMMENCED ON 6/5/93 AND COMPLETED ON 6/6/93.

Shutdown: NO
Date Action Taken: 06/05/1993
Planned Follow-Up/Corrective Action: NONE

To Begin: 06/05/1993 To Be Completed By: 06/06/1993
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 06/15/1993 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 06/15/1993

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

Date of Follow-Up Report: 10/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: INSTALLED 2.7 FOOT SLEEVE

Date Repair Completed: 06/06/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: B. HANSEN

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

Report ID: 930028 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: 06/15/1993 Date Received: 06/15/1993
Reporting Official's Name: TIMOTHY D.HAYES
Title: GAS OPERATIONS DIVISION Phone: 9145635521
Determining Person's Name: RICHARD G. DAVIS
Title: DISTRIBUTION SUPERINTENDENT Phone: 9145634555
Date condition Determined to Exist: 06/08/1993
Condition Location: City: TUXEDO State: NY

Specific Location: COUNTY ROUTE 19 (2.5 MILES NW OF NYS RTE 17A)

Occurred on Outer Continental Shelf: NOT REPORTED

Reason for Reporting:

Product in Pipeline: GAS

Description of Condition: COMBUSTIBLE GAS WAS INDICATED ON THE FLAME
IONIZATION LEAK DETECTOR AND CLASSIFIED AS A TYPE 3
LEAK. THE TP LINE WAS EXPOSED AND A LEAK CONDITION
WAS DETERMINED TO EXIST.

Discovery Circumstances: ON 4/2/7/93 WHILE PERFORMING A ROUTINE LEAK
SURVEY

OF THE TP NATURAL GAS TRANSMISSION FACILITY. LEAK
IS WITHIN A COUNTY ROAD RIGHT OF WAY BUT THERE ARE
NO BUILDINGS WITHIN 220 YARDS OF THE LOCATION OF
THE LEAK. WET SOIL CONDITIONS DEFERRED
INVESTIGATION UNTIL LATER TIME.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: THE SECTION OF THE MAIN CONTAINING LEAK WAS
ISOLATED

AND PRESSURE TEMPORARILY REDUCED TO 325 PSIG (FROM
500 PSIG). MAOP IS 565 PSIG.

Reduced Pressure From (PSI): 500 to (PSI): 325

Shutdown: NO

Date Action Taken: 06/08/1993

Planned Follow-Up/Corrective Action: REMOVE & REPLACE LEAKING SECTION AS A
CYLINDER. FAILED SECTION WILL BE TESTED
IN METALLURGICAL LABORATORY.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/16/1993 Region: EASTERN
Date Sent To State: 06/16/1993 State/Agency: NY PSC
OPS Representative: LISA GARLAND
Date: 06/16/1993

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

Date of Follow-Up Report: 06/20/1996

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored replacement of T-P Transmission line.

Action Taken By Operator: Replaced approximately 6 miles of T-P Transmission line. Phase 1 was approximately 3 miles, completed 10/31/94. Phase 2 was approximately 3 miles, completed 9/6/95.

Date Repair Completed: 09/06/1995

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.

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

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

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY PSC performed site investigation. This investigation found a corrosion leak on the "TP" transmission line.

Action Taken By Operator: During repair of leak, operator determined that this section of line should be replaced. Approximately 2.9 miles were replaced by 10/20/94. The remaining 3.0 miles will be replaced by 12/31/95.

Date Repair Completed: 10/24/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY PSC is interstate agent for OPS and is performing on-site investigation.

Prepared by: Kate Miller

Reviewed by: (closed, Phillip Nguyen)
Region Chief

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

Report ID: 930029 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: 06/16/1993 Date Received: 06/16/1993
Reporting Official's Name: JOHN DAYTON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: ROBERT B. MOSELEY
Title: OPERATIONS DIVISION Phone: 9072658923
Date condition Determined to Exist: 06/14/1993
Condition Location: City: ANCHORAGE State: AK

Specific Location: MOTOR OPERATED VALVE (MOV) -700, NORTH POLE METERING
STATION, RESID RETURN 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: PETROLEUM

Description of Condition: RE: TELEPHONIC NOTIFICATION OF 6/4/93 (#178208).
PINHOLE LEAK DISCOVERED IN FILLET WELD OF THE
STIFFEING RIB OF MOV-700. OIL LEAK IS A VERY SMALL
VOLUME AND IS READILY CONTROLLED BY SORBENTS TO
ENSURE SEEPAGE DOES NOT CONTACT SURROUNDING SOIL.

Discovery Circumstances: DURING POST-TELEPHONIC NOTIFICATION, CLEAN-UP,
AND

FURTHER INSPECTION. ALYESKA CONDUCTED ULTRASONIC
EXAM & RESULTS INDICATED A DISCONTINUITY IN THE
FORM A DEFECT COMPLETELY THROUGH THE VALVE BODY
MATERIAL.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: CURRENTLY PLANNING & SCHEDULING REPLACEMENT OF
BLOCK

VALVE. ESTIMATED DATE OF COMPLETION IS 1-2 WEEKS.

Shutdown: NO

Date Action Taken: 06/16/1993

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 06/16/1993 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND

 Date: 06/16/1993

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

Date of Follow-Up Report: 10/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: REPLACED VALVE

Date Repair Completed: 06/07/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: B. HANSEN

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

Report ID: 930030 Condition Number(s): 1, 6
Operator Name: UNION LIGHT HEAT & POWER COMPANY OPID: 20110
Street Address: PO BOX 960, ROOM 460-A
City: CINCINNATI State: OH ZIP: 45201

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/02/1993 Date Received: 07/02/1993
Reporting Official's Name: WILLIAM H. HOBLITZELL
Title: REGULATORY COMPLIANCE SPEC. Phone: 5132873921
Determining Person's Name: SAMUEL L. VESSEL
Title: ENGINEER--CORROSION Phone: 5132872587
Date condition Determined to Exist: 06/22/1993
Condition Location: City: COVINGTON State: KY

Specific Location: IN THE OHIO RIVER, APPROX. 200' EAST OF CENTER LINE OF
I-75 BRIDGE & 500' SOUTH OF OHIO SHORELINE ON AM-01
RIVER CROSSING.

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

Product in Pipeline: NATURAL GAS

Description of Condition: CORROSION LEAK; POSSIBLE CAUSE IS CATHODIC SHIELDING.

Discovery Circumstances: PUBLIC NOTIFIED US COAST GUARD & USCG NOTIFIED OPERATOR ON 6/19/93.

Significant Effects on Safety: DUE TO LOCATION, THERE IS NO SIGNIFICANT EFFECT ON THE SAFETY OF THE GENERAL PUBLIC.

Corrective Action Taken: INSTALLED DRESSER 360 DEGREE STAINLESS STEEL UTILITY

REPAIR CLAMP. LEAK HAS BEEN REPAIRED. DRESSER STYLE 96 INNER PACK SPLIT REPAIR SLEEVE HAS BEEN ORDERED & WILL BE INSTALLED OVER BAND AS ADDITIONAL MEASURE.

Reduced Pressure From (PSI): 87 to (PSI): 35

Shutdown: NO

Date Action Taken: 06/21/1993

Planned Follow-Up/Corrective Action: LEAK HAS BEEN REPAIRED. NO ADDITIONAL ACTION WILL BE TAKEN. NO ADDITIONAL REPORTS WILL BE SUBMITTED.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 07/09/1993 Region: SOUTHERN
Date Sent To State: 07/09/1993 State/Agency: KY PSC
OPS Representative: LISA GARLANDL
Date: 07/09/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED KENTUCKY PSC TO DETERMINE STATUS OF SRC

#930030. Spoke with Sam Vessel and William (Bill) Hoblitzell on July 18, 1995.

Action Taken By Operator: OPERATOR INSTALLED A DRESSER 360 DEGREE STAINLESS

STEEL UTILITY CLAMP. OPERATOR INSTALLED A STYLE 96 INNER PACK SPLIT REPAIR SLEEVE OVER THE BAND AS AN ADDITIONAL MEASURE. PRESSURE WAS REDUCED FROM 87 TO 35 PSI UNTIL REPAIR WAS MADE.

Date Repair Completed: 06/21/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO ENFORCEMENTS ACTIONS TAKEN. Initially prepared by Bennie Andrews.

Prepared by: VALLERY HENRY

Reviewed by: FREDERICK A. JOYNER

Region Chief

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

Report ID: 930031 Condition Number(s): 2
Operator Name: CARROLLTON UTILITIES OPID: 2116
Street Address: PO BOX 269
City: CARROLLTON State: KY ZIP: 41008

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/08/1993 Date Received: 07/13/1993

Reporting Official's Name: GERALD BALLINGER
Title: MANAGER Phone: 5027327055

Determining Person's Name: BOB ADAMS
Title: SUPERVISOR Phone:

Date condition Determined to Exist:
Condition Location: City: CARROLLTON State: KY

Specific Location: 6" GAS MAIN CROSSING 4-MILE CREEK, APPROX. 4 MILES EAST
OF CARROLLTON, KY.

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 2 TO 3 FOOT TOP HALF OF 6" MAIN IS
EXPOSED DUE TO EROSION IN CREEK BED. CONDITION
DETERMINATION DATE IS UNKNOWN.

Discovery Circumstances: PATROLLING SYSTEM PER 192.721.

Significant Effects on Safety: NONE

Corrective Action Taken: NONE.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: TO SHIELD LINE & INSTALL RIPRAP IN AREA
OF WASHED FILL. START DATE WILL BE
DETERMINED AFTER WATER DISTRICT
DETERMINES CORRECTIVE ACTION FOR WATER
LINE WHICH IS ALSO EXPOSED.

To Begin: To Be Completed By:

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

Date Sent To Region: 08/03/1993 Region: SOUTHERN

Date Sent To State: 08/03/1993 State/Agency: KY PSC

OPS Representative: LISA GARLAND

Date: 08/03/1993

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

Date of Follow-Up Report: 10/19/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: AN ONSITE INVESTIGATION OF THE SAFETY-RELATED
CONDITION REPORTED BY CARROLLTON UTILITIES ON
7/08/94 WAS FOUND TO HAVE BEEN CORRECTED DURING
INSPECTION BY THE KENTUCKY PSC ON 1/11/94.

Action Taken By Operator: THE SECTION OF PIPELINE THAT WAS AFFECTED DUE TO
WASHOUT HAS BEEN RE-COVERED AND RIPRAP INSTALLED
OVER THE LINE TO PREVENT REOCURRENCE.

Date Repair Completed: 01/11/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: CONDITION OCCURRED DUE TO WASHOUT.

Prepared by: DERICK TURNER

Reviewed by: FRED JOYNER

Region Chief

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

Report ID: 930032 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: 07/14/1993 Date Received: 07/20/1993
Reporting Official's Name: JAMES H. POPE
Title: VP, TECH & CONSTRUCTION SVCS Phone: 4159736998
Determining Person's Name: ANDREW M. KELLY
Title: SENIOR TRANSMISSION ENGINEER Phone: 4089456239
Date condition Determined to Exist: 07/09/1993
Condition Location: City: SAN JOSE State: CA

Specific Location: 50' W OF ZANKER RD. & 100 YDS. S OF CALIFORNIA STATE HWY
237 IN SAN JOSE

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: AN 8' DIAMETER SEWER LINE IS BEING INSTALLED AT A RIGHT ANGLE UNDER PG&E'S GAS T/L 132. SHEET PILING WAS INSTALLED BY THE CITY'S CONTRACTOR TO PREVENT TRENCH CAVE-IN & ALLOW INSTALLATION. ADJACENT NONSHORED TRENCH COLLAPSED INCREASING THE PIPE SPAN FROM ABOUT 12' TO APPROX 20' & LEAVING SOME SOIL LOADING ON THE 375 PSIG 24" LINE.

Discovery Circumstances: PG&E PERSONNEL HAVE BEEN STANDING BY DURING EXCAVATION & CONSTRUCTION ADJACENT TO OUR LINE.

Significant Effects on Safety: THIS PIPE IS A 1944 SEAMLESS, BELL-BELL-CHILL RING JOING PIPE. INAPPROPRIATE LOADING COULD CAUSE LINE RUPTURE.

Corrective Action Taken: A LONG I-BEAM WAS PLACED ACROSS THE TRENCH & CHAIN

BINDERS WERE USED TO SUPPORT THE PIPE SPAN. THE WORST OF THE ASPHALT & SOIL OVERBURDEN WAS ALSO REMOVED. SOME SOIL WAS ALSO PLACED BACK INTO THE TRENCH TO REDCUE THE POSSIBILITY OF ADDITIONAL TRENCH COLLAPSE UNTIL ADDITIONAL SHORING CAN BE PLACED. LINE PRESSURE WAS REDUCED TO 275 PSIG (TAKEN AS A PRECAUTIONARY MEASURE).

Reduced Pressure From (PSI): 375 to (PSI): 275

Shutdown: NO

Date Action Taken: 07/09/1993

Planned Follow-Up/Corrective Action: DAILY MONITORING & STANDBY DURING ALL
CONSTRUCTION ACTIVITY WILL CONTINUE. LINE
PRESSURE WILL BE RESTORED TO NORMAL
LEVELS WHEN ADEQUATE TRENCH SHORING HAS
BEEN RESTORED & PIPE SAFETY IS ASSURED.

To Begin: 07/09/1993 To Be Completed By: 07/17/1993

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

Date Sent To Region: 08/04/1993 Region: WESTERN

Date Sent To State: 08/04/1993 State/Agency: CA SFM

OPS Representative: LISA GARLAND

Date: 08/04/1993

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

Date of Follow-Up Report: 10/02/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Ms. Irene Degl'Innocenti of PG&E and reviewed the circumstance of this incident and action taken by the company.

Action Taken By Operator: Permanent repair by replacing 51 feet of pipe on July 23, 1993 and line pressure restored from 275 to 375 psig.

Date Repair Completed: 07/23/1993

Resulted in Incidents After Report: NO

Date of Incident: 07/14/1993

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: R. Little (12/20/93)

Reviewed by: Ed Ondak

Region Chief

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

Report ID: 930033 Condition Number(s): 2
Operator Name: KANEB PIPE LINE OPERATING PARTNERSHIP, L.P. OPID: 10012
Street Address: 100 NORTH BROADWAY, SUITE 550
City: WICHITA State: KS ZIP: 67202

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/26/1993 Date Received: 07/26/1993
Reporting Official's Name: L. LEROY ANDERSON
Title: MANAGER, REGULATORY AFFAIRS Phone: 3162621408
Determining Person's Name: L. LEROY ANDERSON
Title: MANAGER, REGULATORY AFFAIRS Phone: 3162621408
Date condition Determined to Exist: 07/26/1993
Condition Location: City: CUMING COUNTY State: NE

Specific Location: SE 1/4, SECTION 5, R-4-E, T-22-N, CUMING CO, NE
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

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

Product in Pipeline: UNLEADED GASOLINE

Description of Condition: EXPOSED SECTION OF LINE DUE TO EROSION FROM EXTREMELY HEAVY REAINS. EXPOSED LINE SECTION CROSSES A DRAINAGE DITCH USED FOR AGRICULTURAL PURPOSES. IF THE LINE WERE TO FAIL, THERES IS A POSSIBILITY OF POLLUTION TO ROCK CREEK WHICH IS DOWN GRADIENT 1/8 MILE.

Discovery Circumstances: AN EXPOSED SECTION OF LINE WAS OBSERVED BY THE PILOT DURING A REGULARLY SCHEDULED AIR PATROL.

Significant Effects on Safety: POSSIBILITY OF POLLUTION TO ROCK CREEK.

Corrective Action Taken: PRESSURE ON THE LINE SECTION HAS BEEN REDUCED APPROX.

40% (250-300 PSI) OF NORMAL OPERATING PRESSURE. LINE HAS BEEN SCHEDULED FOR REPLACEMENT & RELOCATION AS SOON AS WEATHER PERMITS.

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: 08/04/1993 Region: CENTRAL
Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND
Date: 08/04/1993

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

Date of Follow-Up Report: 09/25/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: OPERATOR DIRECTIONAL DRILLED THE DRAINAGE DITCH
AND

REPLACED THE LINE. THE LINE IS NO LONGER EXPOSED.

Date Repair Completed: 10/15/1993

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: 930034 Condition Number(s): 4
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: 07/29/1993 Date Received: 07/30/1993
Reporting Official's Name: JOHN DAYTON
Title: VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658923
Date condition Determined to Exist: 07/28/1993
Condition Location: City: ANCHORAGE State: AK

Specific Location: PUMP STATION 12
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

Description of Condition: A SEVEN FOOT, SIX INCH LONG AREA ON TOP OF PIPE WAS FOUND TO HAVE SPORADIC MECHANICAL DAMAGE. DAMAGE APPEARS TO HAVE BEEN CAUSED BY JACKHAMMER IMPACT DURING PREVIOUS EXCAVATION. DEEPEST GOUGE DEPTH WAS MEASURED TO BE 0.328 INCHES; LENGTH 3 INCHES. PIPEWALL THICKNESS AT THIS LOCATION IS 0.390 INCHES.

Discovery Circumstances: AN INVESTIGATION WAS PERFORMED ON THE 12-INCH RECIRCULATION LINE.

Significant Effects on Safety: NONE

Corrective Action Taken: REPAIR/REPLACE PIPE SECTION IS REQUIRED & NOW UNDER

REVIEW. TANK VALVE 20T1 HAS BEEN LOCKED IN THE OPEN POSITION TO ENSURE PRESSURE IN THIS LINE WILL NOT RISE ABOVE THE APPROX 20 PSI TANK HEAD UNTIL REPAIR/REPLACEMENT HAS BEEN COMPLETED.

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: 08/04/1993 Region: WESTERN

Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 08/04/1993

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

Date of Follow-Up Report: 12/07/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: REPAIR COMPLETED 10/31/93.

Date Repair Completed: 10/31/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.HANSEN

Reviewed by: E.Ondak

Region Chief

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

Report ID: 930035 Condition Number(s): 4
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: 07/29/1993 Date Received: 08/02/1993

Reporting Official's Name: GERALD CHILDERS

Title: MANAGER, PIPELINE SAFETY Phone: 8063783583

Determining Person's Name: CHARLES JEWELL

Title: MANAGER, ENGINEERING Phone: 8063783553

Date condition Determined to Exist: 07/28/1993

Condition Location: City: BAYTOWN State: TX

Specific Location: 3/4 MILE SOUTH OF BAYSHORE DRIVE OFF THE BROWNWOOD
SUBDIVISION IN CRYSTAL BAY, BAYTOWN, TX.

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: PROPYLENE

Description of Condition: THE DRAGLINE SCRAPED COATING FROM THE PIPE IN
SEVERAL AREAS IN ADDITION TO TWO GOUGES AND A
1/2-INCH DENT WITHIN AN 11-INCH AFFECTED AREA
POTENTIALLY EFFECTING THE PIPE'S SERVICEABILITY.

Discovery Circumstances: NOTIFIED BY CONTRACTOR, WHO WAS LAYING A
PARALLEL

LINE FOR ANOTHER COMPANY THAT THEY HAD POSSBILY
STRUCK OUR PIPE BENEATH CRYSTAL BAY WITH THER
DRAGLINE.

Significant Effects on Safety: NONE

Corrective Action Taken: PIPE HAS BEEN STABILIZED WITH BUOYS AND A 24-INCH
PLIDCO BOLTED SPLIT SLEEVE HAS BEEN TEMPORARILY
INSTALLED OVER THE AFFECTED AREA.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WILL REPLACE DAMAGED PIPE WITH
PRETESTED

6+5/8-INCH OD, .250 WALL, X-42, COATED
LINE PIPE.

To Begin: 08/09/1993 To Be Completed By: 08/20/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/04/1993 Region: SOUTHWES
Date Sent To State: 08/04/1993 State/Agency: TX RRC
OPS Representative: LISA GARLAND
Date: 08/04/1993

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

Date of Follow-Up Report: 08/20/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: State monitored.

Action Taken By Operator: Damaged pipe was replaced.

Date Repair Completed: 08/20/1993

Resulted in Incidents After Report: NO

Date of Incident: 07/23/1993

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: 930036 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: 08/04/1993 Date Received: 08/04/1993
Reporting Official's Name: RONALD L. WILLIAMS
Title: ENGINERR, STANDARDS & Q/A. Phone: 3046238456
Determining Person's Name: DARRELL BOWEN
Title: DISTRICT SUPERVISOR Phone: 3046238876
Date condition Determined to Exist: 07/30/1993
Condition Location: City: MARION COUNTY State: WV

Specific Location: 257' SOUTH OF MARION COUNTY, ROUTE 36/2. WHITE DAY,
MARION CO.

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

Product in Pipeline: NATURAL GAS

Description of Condition: PREVIOUSLY REPORTED MINOR LEAK WAS DETERMINED TO BE

LEAKING MORE. 7/30/93: LEAKING AREA EXCAVATED & INSPECTED. LEAK WAS DETERMINED TO BE CAUSED BY EXTERNAL CORROSION. LEAK IS APPROX. 587' FROM A RESIDENCE. PIT SIZE IS 1/16-INCHES IN DIAMETER.

Discovery Circumstances: DURING INSPECTION OF RIGHT-OF-WAY ON 7/29/93.

Significant Effects on Safety: NONE

Corrective Action Taken: LEAK REPAIRED WITH HIGH PRESSURE LEAK CLAMP WHILE

PIPELINE WAS IN SERVICE. A 12-INCH BOLD-ON SPLIT SLEEVE WAS INSTALLED OVER LEAK CLAMP.

Shutdown: NO

Date Action Taken: 07/30/1993

Planned Follow-Up/Corrective Action: NONE

To Begin: 07/30/1993 To Be Completed By: 07/30/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/04/1993 Region: EASTERN

Date Sent To State: 08/04/1993 State/Agency: WV
OPS Representative: LISA GARLAND
Date: 08/04/1993

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

Date of Follow-Up Report: 11/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Investigated by State.

Action Taken By Operator: Installed leak clamp and bolt-on split sleeve.

Date Repair Completed: 07/30/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: West Virginia Public Service Commission Jurisdiction.

Prepared by: Kate Miller

Reviewed by: Bill Gute

Region Chief

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

Report ID: 930037 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: 08/20/1993 Date Received: 08/25/1993
Reporting Official's Name: EDWARD B. KELSEY
Title: SUPERVISOR, SYSTEM INTEGRITY Phone: 8015345650
Determining Person's Name: DWAIN ZOBELL
Title: CONSTRUCTION MAINTENANCE TECH. Phone: 8015393370
Date condition Determined to Exist:
Condition Location: City: DEER VALLEY, SUMMIT CNTY. State: UT

Specific Location: 7720 ROYAL STREET
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: SLIGHT SLIDING OF THE MOUNTAINSIDE IN CLOSE PROXIMITY TO MFS'S TWO PIPELINES

Discovery Circumstances: SEE ATTACHED LETTER

Significant Effects on Safety: SEE ATTACHED LETTER

Corrective Action Taken: SEE ATTACHED LETTER

Reduced Pressure From (PSI): 280 to (PSI): 50

Shutdown: NO

Date Action Taken: 08/17/1993

Planned Follow-Up/Corrective Action: SEE ATTACHED LETTER

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 08/27/1993 Region: WESTERN
Date Sent To State: 08/27/1993 State/Agency: UT DOC
OPS Representative: MICHELLE UPTON
Date: 08/27/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THIS SRCR WAS NOT ADDED TO THE DATABASE AT THE

PROPER TIME. THE REGION AND THE UTAH DIV. OF PUBLIC UTILITIES HANDLED THE SRCR CORRECTLY. SEE FILE FOR CORRESPONDENCE.

Action Taken By Operator: MFS REDUCED THE LINE PRESSURE IN THE 4" FROM 280 TO

50 PSIG; CONDUCTED ONSITE MONITORING AND PATROLLING OF PIPELINE FACILITIES; MONITORED THE 4" BY TELEMETERING EQUIPMENT AT MFS GAS CONTROL HQ; COORDINATED WITH THE BUILDING CONTRACTOR TO BUILD A RETAINING WALL TO PREVENT FUTURE SLIDING.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: RECOMMENDATION THAT THIS SRCR BE CLOSED PER DOCUMENTATION RECEIVED. SEE FILE.

Prepared by: KATCHMAR

Reviewed by: ONDAK

Region Chief

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

Report ID: 930038 Condition Number(s): 1
Operator Name: COLUMBIA GAS TRANSMISSION CORPORATION OPID: 2126
Street Address: P.O. 1273/1700 MACCORKLE AVENUE SE
City: CHARLESTON State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/18/1993 Date Received: 08/27/1993
Reporting Official's Name: J.O. LOKER
Title: DIRECTOR, TECHNICAL STANDARDS Phone: 3043572767
Determining Person's Name: S.C. BEAR
Title: SENIOR PIPELINE ENGINEER Phone: 4122232755
Date condition Determined to Exist: 08/13/1993
Condition Location: City: HORSEHEADS, CHEMUNG CNTY State: NY

Specific Location: EFFECTED SEGMENT OF LINE A-5 IS LOCATED APPROX. 300 FEET
NORTH OF WYGANT RD. BETWEEN COUNTY RT.5 AND STATE RT.
14.

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: SMART PIG DATA INDICATED AN ANOMALY ON LINE A-5.
WHEN EXPOSED, LOCALIZED EXTERNAL CORROSION PITTING
WAS DISCOVERED ON THE BOTTOM OF THE PIPE. COMPUTER
CALCULATION BASED UPON ASME B31G CRITERIA WARRANTED
A REDUCTION IN MAXIMUM ALLOWABLE OPERATING PRESSURE
FROM 926 PSIG TO 700 PSIG.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: THE PIPELINE MAXIMUM OPERATING PRESSURE WAS
REDUCED

FROM 926 PSIG TO 583 PSIG UNTIL REPLACEMENT OF
SUBJECT PIPELINE IS COMPLETED.

Reduced Pressure From (PSI): 926 to (PSI): 583

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A SECTION OF PIPELINE, APPROX. 350 FEET,
WILL BE REPLACED. FURTHER REVIEW OF SMART
PIG DATA, COVERING APPROX. 2 MILES OF
PIPE, WILL BE MADE.

To Begin: 08/23/1993 To Be Completed By: 08/30/1993
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 08/27/1993 Region: EASTERN
Date Sent To State: State/Agency:
OPS Representative: MICHELLE UPTON
Date: 08/27/1993

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

Date of Follow-Up Report: 12/13/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: This section was replaced as a part of 7.6 mile project. New pipe was hydrottested in 11/13/93 with 1891 psi. With class 3 location factor then the pipe is qualified for 1260 psi pressure.

Date Repair Completed: 11/15/1993

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken: YES

X Case Opened (Federal case identification number *)

Notes: Request to close this report.

Prepared by: PHILLIP NGUYEN

Reviewed by: William Gute

Region Chief

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

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

Date of Follow-Up Report: 10/05/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: A Hazardous Facility Report was issued following an incident on 8/14/93. See CPF no.13008-H

Action Taken By Operator: Repair plan is being taken with replacement of 7.5 miles of pipe. Estimated completion early 11/93.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident: 08/14/1993

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes:

Prepared by: PHILLIP NGUYEN

Reviewed by: BILL GUTE

Region Chief

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

Report ID: 930039 Condition Number(s): 2
Operator Name: EXPLORER PIPELINE COMPANY OPID: 4805
Street Address: P.O. BOX 2650
City: TULSA State: OK ZIP: 74101

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/26/1993 Date Received: 08/30/1993
Reporting Official's Name: ROGER W. FLEMING
Title: MANAGER FIELD OPERATIONS Phone: 9184935112
Determining Person's Name: W. C. RUSH
Title: DISTRICT SUPERINTENDENT Phone: 6182544003
Date condition Determined to Exist: 08/21/1993
Condition Location: City: ST. CHARLES COUNTY State: MO

Specific Location: APPROX. 1 MILE EAST OF MACHENS, MISSOURI AND 1 MILE
SOUTH OF HWY 94

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 PETROLEUM

Description of Condition: OPERATING PRESSURES HAVE BEEN LOWERED AS A
PRECAUTION DUE TO SOIL EROSION AROUND THE 24 INCH,
0.281-INCH WALL THICKNESS 5L-X52 PIPELINE WHERE IT
CROSSES A WASHED OUT FLOOD CONTROL LEVEY. SEE
ATTACHED LETTER

Discovery Circumstances: SEE ATTACHED

Significant Effects on Safety: SEE ATTACHED

Corrective Action Taken: SEE ATTACHED

Reduced Pressure From (PSI): 790 to (PSI): 350

Shutdown: YES

Date Action Taken: 08/19/1993

Planned Follow-Up/Corrective Action: SEE ATTACHED

To Begin: To Be Completed By:

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

Date Sent To Region: 08/30/1993 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: MICHELLE UPTON

Date: 08/30/1993

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

Date of Follow-Up Report: 02/03/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The Central Region has monitored progress of the repairs.

Action Taken By Operator: The operator has completed repairs of the exposed pipeline. Approximately 1500 feet of new pipe was directionally drilled under the washout area. The line has been tied in and is now operating. The operator has filed a closure letter for the safety-related-condition report.

Date Repair Completed: 01/17/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Operator supplies pictures of exposed facilities by letter dated January 27, 1994.

Prepared by: LINDA DAUGHERTY

Reviewed by: IVAN A. HUNTOON

Region Chief

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

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

Date of Follow-Up Report: 01/06/1994

Further Follow-Up Reports Forthcoming: YES

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

Action Taken By Operator: The operator is currently directionally boring 1500 feet of replacement pipe. The new pipe is going under the washed out area at a depth of 90 feet. The washout reached a depth of 50 feet. The operator plans to refill the washout area this spring. Tie-ins are scheduled for Jan. 17.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Weather and terrain conditions have hampered completion of the work. The CRO will continue to monitor.

Prepared by: LINDA DAUGHERTY

Reviewed by: IVAN A. HUNTOON

Region Chief

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

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

Date of Follow-Up Report: 11/29/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The Central Region has been closely monitoring this situation. A staff engineer inspected the facilities earlier in the summer. A second stage of flooding occurred in August, 1993 - increasing the span from 263 feet to 460 feet.

Action Taken By Operator: The operator has taken steps to secure the line with a concrete pier and anchor/supportss. Attempts to fill the washout area with Missouri River sand have been abandoned due to difficulties with dredging in the river. Instead, the operator will directionally bore around the washout area with about 1500 feet. The old line will be abandoned in place. It is expected that the new bored line will be tied in around January 1, 1994.

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: Linda Daugherty

Reviewed by: Ivan A. Huntoon
Region Chief

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

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

Date of Follow-Up Report: 10/01/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The Central Region Office has been closely monitoring this and other flood related concerns. A staff engineer inspected the site.

Action Taken By Operator: The operator anchored the pipeline to prevent horizontal movement. An airbag was used to support the pipe until permanent repairs could be made. The operator is attempting to use sand dredging equipment to fill in the extremely large washout area. Renewed flooding has delayed the operation. It is expected that it will be at least a month before the operation can continue.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This condition is due entirely to significant flooding in the Midwest.

Prepared by: Linda Daugherty

Reviewed by: Ivan A. Huntoon

Region Chief

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

Report ID: 930040 Condition Number(s): 2
Operator Name: GULF CENTRAL PIPELINE COMPANY OPID: 6855
Street Address: P.O. BOX 227
City: HERMANN State: MO ZIP: 65041

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/25/1993 Date Received: 08/31/1993
Reporting Official's Name: MICHAEL P. CERRO
Title: DIVISION ENGINEER Phone: 3144865488

Determining Person's Name:

Title: Phone:

Date condition Determined to Exist: 08/16/1993

Condition Location: City: ST. CHARLES COUNTY State: MO

Specific Location: APPROXIMATELY TWO MILES SOUTH OF THE CITY OF PORTAGE
DES

SIOUX, MO

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

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

Product in Pipeline: ANHYDROUS AMMONIA

Description of Condition: EXCESSIVE VOLUME AND VELOCITY OF THE WATER
FLOWING

THROUGH THE BREACH IN THE LEVY CREATED A SUBSTANTIAL
"WASHOUT"

Discovery Circumstances: SEE ATTACHED LETTER

Significant Effects on Safety: SEE ATTACHED LETTER

Corrective Action Taken: DE-PRESSURIZATION OF THE AFFECTED SECTION OF
PIPELINE, REFERRED TO AS THE WOOD RIVER LATERAL.

Shutdown: YES

Date Action Taken: 08/19/1993

Planned Follow-Up/Corrective Action: ANTICIPATED STARTUP IN UNCERTAIN AT THIS
TIME DUE TO THE NUMEROUS VARIABLES AND
UNCERTAINTIES INVOLVED

To Begin: To Be Completed By:

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

Date Sent To Region: 08/31/1993 Region: CENTRAL

Date Sent To State: 08/31/1993 State/Agency: MO PSC

OPS Representative: MICHELLE UPTON

Date: 08/31/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: New pipeline was directionally bored under the washout area and tied-in to the existing pipeline in December 1993.

Action Taken By Operator: All work is complete.

Date Repair Completed: 12/13/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SRCR should be closed.

Prepared by: Donald Moore

Reviewed by: Ivan Huntoon

Region Chief

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

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

Date of Follow-Up Report: 11/29/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: THE CENTRAL REGION HAS BEEN CLOSELY MONITORING

THIS SITUATION. A STAFF ENGINEER INSPECTED THIS SITE WHEN THE SPAN WAS FIRST DISCOVERED.

Action Taken By Operator: THE OPERATOR WILL BE DIRECTIONALLY BORING A NEW LINE

CIRCUMVENTING THE WASHOUT AREA. APPROXIMATELY 400 FEET OF NEW LINE WILL REPLACE THE SPANNED LINE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THE OPERATOR HAS SHUT DOWN THE LINE UNTIL THE NEW LINE IS INSTALLED.

Prepared by: LINDA DAUGHERTY

Reviewed by: Ivan A. Huntoon

Region Chief

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

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

Date of Follow-Up Report: 10/01/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The Central Region has been closely monitoring this and other flood related concerns in the Midwest.

Action Taken By Operator: The operator has completely evacuated this line. Gulf Central representatives have indicated that this line will be replaced as soon as possible. Renewed flooding in the Midwest has hampered efforts to address the situation.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This condition resulted from the significant flooding in the Midwest.

Prepared by: Linda Daugherty

Reviewed by: Ivan A. Huntoon
Region Chief

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

Report ID: 930041 Condition Number(s): 1
Operator Name: BELLE FOURCHE PIPELINE COMPANY OPID: 1248
Street Address: 895 WEST RIVER CROSS ROAD
City: CASPER State: WY ZIP: 82601

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 08/30/1993 Date Received: 08/31/1993
Reporting Official's Name: LYLE SESSIONS
Title: PIPELINE SUPERINTENDENT Phone: 3072379301
Determining Person's Name: ROBERT STAMP
Title: ENGINEER Phone: 3072379301
Date condition Determined to Exist:
Condition Location: City: CAMPBELL COUNTY State: WY

Specific Location: BENEATH RAILROAD RIGHT-OF-WAY AND WY. HIGHWAY 450.
APPROX 8 MILES EAST OF WRIGHT, WY.

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: JUNE OF 1993, BFPL CONTRACTED WITH VETCO SERVICES TO

RUN AN INSTRUMENTED SURVEY TOOL IN BFPL 12 INCH NOMINAL DIAMETER PIPELINE. PRELIMINARY RESULTS THAT WERE RECEIVED, INDICATED ABNORMAL AMOUNTS OF GENERAL CORROSION. SEE ATTACHED

Discovery Circumstances: SEE ATTACHED LETTER

Significant Effects on Safety: SEE ATTACHED LETTER

Corrective Action Taken: SEE ATTACHED LETTER

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: PRESSURE WILL BE REDUCED, THE PIPELINE IN QUESTION WILL BE DUG UP AND EVALUATED THEN REPAIRED. SEE ATTACHED

To Begin: To Be Completed By:

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

Date Sent To Region: 08/31/1993 Region: WESTERN

Date Sent To State: 08/31/1993 State/Agency: WY PSC

OPS Representative: MICHELLE UPTON

Date: 08/31/1993

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

Date of Follow-Up Report: 01/13/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPAIR/REPLACEMENT OF AFFECTED LINE COMPLETED BY END

OF DECEMBER 1993. 34,407 FEET OF 12 3/4", API
5L-X52, .250 WT LINE PIPE WAS REPLACED. 71 HALF
SOLES INSTALLED FOR A TOTAL OF 395 FEET. HYDRO TEST
INFO FORTHCOMING.

Date Repair Completed: 12/31/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

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: 11/12/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: OPERATOR HAS STARTED DIGS. HAS FOUND SEVERE INTERNAL

CORROSION. IS IN PROCESS OF DETERMINING WHERE TO HALF SOLE AND WHERE TO REPLACE LINE. THEORY IS THAT AT SOME POINT IN TIME (LATE 60'S EARLY 70'S) A WELL WAS ACIDIZED AND SOME OF THE ACID GOT INTO THE LINE AND CAUSED THE CORROSION. OPERATOR WILL CONTINUE TO REPAIR/REPLACE THE LINE AS NECESSARY.

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: Katchmar
Reviewed by: Ed Ondak
Region Chief

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

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

Date of Follow-Up Report: 09/07/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: CONTACTED OPERATOR ON 9/7/93. STEVE RIEGER, OPS
CONTACT CONFIRMED INFORMATION GIVEN ON INITIAL
REPORT.

Action Taken By Operator: REDUCED PRESSURE ON PIPELINE FROM 1250-1300 PSI TO
1050-1100 PSI. ORDERED HALF SOLE MATERIAL - IT WILL
BE DELIVERED LATE SEPT OR EARLY OCT. OPERATOR WILL
DIG UP LINE STARTING MONDAY SEPT 13, 1993. AT THIS
TIME OPERATOR WILL REPAIR OR REPLACE PIPE AS
NECESSARY.

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: KATCHMAR

Reviewed by: EDWARD J. ONDAK/TERRI BINNS

Region Chief

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

Report ID: 930042 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: 09/23/1993 Date Received: 09/23/1993
Reporting Official's Name: JACK L. ADAMS
Title: ADMINISTRATOR, CODES & STDS. Phone: 3046238410
Determining Person's Name: CHARLES KERN
Title: AREA OPERATION SUPERVISOR Phone: 3042692908
Date condition Determined to Exist: 09/14/1993
Condition Location: City: CHURCHVILLE State: WV

Specific Location: 4" H-17088 AT WELL DRIP, CHURCHVILLE, 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: COMPANY WELL TENDER DISCOVERED A LEAK NEAR STORAGE

WELL AW-99 ON 01/14/93. THE SECTION WAS BLOWN DOWN TO 0 PSI AND LOCKED OUT THE SAME DAY. DUE TO TERRAIN, FIELD OPERATIONS ELECTED TO REPAIR DURING SUMMER MONTHS. ON 9/14/93, THE AREA WAS EXPOSED REVEALING A LOCALIZED CORROSION CONDITION WHICH CAUSED THE LEAK.

Discovery Circumstances: SEE ABOVE.

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: THE DRIP WHERE THE CORROSION OCCURRED WAS REMOVED AND

REPLACED WITH PIPE ON 09/14/93.

Shutdown: NO

Date Action Taken: 09/14/1993

Planned Follow-Up/Corrective Action: NONE

To Begin: 09/14/1993 To Be Completed By: 09/14/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/05/1993 Region: EASTERN
Date Sent To State: 10/05/1993 State/Agency: WV
OPS Representative: LISA GARLAND

Date: 10/05/1993

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

Date of Follow-Up Report: 11/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Drip was removed and replaced with (regular)
straight pipe.

Date Repair Completed: 09/14/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: West Virginia Public Service Commission jurisdiction. CNG O&M corrosion
procedures will reviewed in 1994 risk base inspection plan.

Prepared by: Kate Miller

Reviewed by: Bill Gute

Region Chief

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

Report ID: 930043 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: 09/21/1993 Date Received: 09/28/1993
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 09/17/1993
Condition Location: City: ANCHORAGE State: AK

Specific Location: PUMP STATION 10
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 ON THE 12" RECIRCULATION LINE. A 6" x 3" x 1/2" DENT CONTAINING A GOUGE WAS FOUND.

Discovery Circumstances:

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: REPAIR OR REPLACEMENT OF THIS SECTION OF PIPE HAS BEEN DETERMINED. TYPE & METHOD ARE UNDER REVIEW. LINE IS CURRENTLY OUT OF SERVICE DUE TO TANK INSPECTION WORK. REPAIR/REPLACEMENT WILL BE COMPLETED PRIOR TO RECOMMISSIONING THIS LINE.

Shutdown: YES

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: 10/05/1993 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 10/05/1993

**** 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:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THIS REPORT WAS CLOSED 12/08/1993.

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: 12/08/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: XREPAIR 12" RECIRCULATION LINE FOUND TO HAVE
DENT.

Date Repair Completed: 11/03/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.HANSEN

Reviewed by: E. Ondak

Region Chief

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

Report ID: 930044 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: 10/01/1993 Date Received: 10/01/1993
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 09/27/1993
Condition Location: City: ANCHORAGE State: AK

Specific Location: PUMP STATION 10
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 ON THE 2" DRAIN LINE

CONNECTING THE 12" RECIRCULATION LINE. THE 2" LINE WOULD SERVICE THE 4TH PUMP UNIT IF INSTALLED. CORROSION WAS FOUND IN A 2" ELBOW WITH A REMAINING WALL OF .043 INCHES. FITTING HAD AN ACTUAL WALL OF .218 INCHES.

Discovery Circumstances:

Significant Effects on Safety: NONE REPORTED.

Corrective Action Taken: REPAIR/REPLACEMENT OF THE PIPE IS REQUIRED. TYPE & METHOD ARE UNDER REVIEW. LINE IS CURRENTLY OUT OF SERVICE DUE TO TANK INSPECTION WORK. REPAIR/REPLACEMENT TO BE COMPLETED PRIOR TO RECOMMISSIONING THIS LINE.

Shutdown: YES

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: 10/05/1993 Region: WESTERN
Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND
Date: 10/05/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: THIS SRCR WAS CLOSED 12/08/1993.

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: 12/08/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NONE

Action Taken By Operator: REPAIRED CORROSION DAMAGE TO 2" DRAIN LINE

Date Repair Completed: 11/03/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.HANSEN

Reviewed by: E. Ondak

Region Chief

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

Report ID: 930045 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: 10/01/1993 Date Received: 10/01/1993
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: BILL L. FLANDERS
Title: ENGINEERING COORDINATOR Phone: 9072658106
Date condition Determined to Exist: 09/28/1993
Condition Location: City: ANCHORAGE State: AK

Specific Location: PUMP STATON 5
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 ON THE 12" SHALLOW

LINE TO TANK 150. AN 8" x 6" x 3/8" DEEP DENT CONTAINING SHALLOW METAL DAMAGE WAS FOUND.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: REPAIR/REPLACEMENT OF THIS SECTION OF PIPE IS REQUIRED. A GIRTH WELDED SLEEVE WAS INSTALLED AT THIS LOCATION ON 9/30/93.

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: 10/05/1993 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 10/05/1993

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

Date of Follow-Up Report: 12/08/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: REPAIRED DENTED 12" LINE TO TANK 150

Date Repair Completed: 09/30/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.HANSEN

Reviewed by: E. Ondak

Region Chief

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

Report ID: 930046 Condition Number(s): 1
Operator Name: KOCH GATEWAY PIPELINE COMPANY OPID:
Street Address: P.O. BOX 2256 - 4111 EAST 37TH STREET
City: WICHITA State: KS ZIP: 67201

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/04/1993 Date Received: 10/07/1993
Reporting Official's Name: WAYNE F. ST. GERMAIN
Title: REGULATIONS COORDINATOR Phone: 3168323840
Determining Person's Name: DON E. MARTIN
Title: DIVISION MANAGER Phone: 3189816699
Date condition Determined to Exist: 09/29/1993
Condition Location: City: State: LA

Specific Location: NORTH OF BAYOU BAPTISTE COLLETTE, BETWEEN M.P. 32.06 &
M.P. 35.13-VENICE JCT.,CHALMETTE LINE 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:

Description of Condition: DURING UPRATING PROJECT DISCOVERED REDUCED WALL THICKNESS DUE TO GENERAL CORROSION.

Discovery Circumstances: SEE "DESCRIPTION OF CONDITION"

Significant Effects on Safety: AGA GAS GUIDE CALCULATIONS REQUIRED REDUCTION

OF MAOP

Corrective Action Taken: OPERATING PRESSURE REDUCED AS PER 49 CFR PART 192.485.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: RUNNING SMART PIG TO CHECK FOR OTHER POSSIBLE CORROSION AREAS ON THE LINE. WORK SHOULD BE COMPLETED THIS WEEK. PIPELINE REPLACEMENTS SHOULD BE COMPLETED THIS MONTH.

To Begin: To Be Completed By:

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

Date Sent To Region: 10/07/1993 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE UPTON

Date: 10/07/1993

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

Date of Follow-Up Report: 01/11/0404

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Monitored progress.

Action Taken By Operator: Pig run completed, repairs completed and line back
in service. 1-6-94.

Date Repair Completed: 01/06/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SRC closed.

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas
Region Chief

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

Report ID: 930047 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: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/04/1993 Date Received: 10/04/1993
Reporting Official's Name: RONALD J. KALAS
Title: REGULATORY COMPLIANCE SUPER. Phone: 5138988113
Determining Person's Name: STEVE PANKHURST
Title: MANAGER, PROJECTS & ENG. Phone: 5138988113
Date condition Determined to Exist: 09/30/1993
Condition Location: City: CLINTON TOWNSHIP State: OH

Specific Location: CLINTON TOWNSHIP TO CHIPPEWA TOWNSHIP (WAYNE,
SENECA,
HURON, & ASHLAND COUNTIES)

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: TWO CORRELATION DIGS WERE PERFORMED AND THE RESULTS

SUGGEST A NUMBER OF ANOMLIES.

Discovery Circumstances: A SECOND GENERATION INSPECTION PIG WAS RUN IN 84 MILES OF THE 8" SECTION OF PIPELINE.

Significant Effects on Safety: NONE

Corrective Action Taken: MAOP REDUCED FROM 680 PSIG TO 540 PSIG. TEMPORARY PRESSURE REDUCTION WILL REMAIN IN EFFECT UNTIL FULL ANALYSIS OF PIG RESULTS IS COMPLETED.

Reduced Pressure From (PSI): 680 to (PSI): 540

Shutdown: NO

Date Action Taken: 09/30/1993

Planned Follow-Up/Corrective Action: A COMPLETE REPORT ON THE INSPECTION PIG RUN IS EXPECED IN MID-NOVEMBER & FINAL ANLAYSIS OF PIPELINE IS TO BE COMPLETED BY THE END OF THE YEAR.

To Begin: To Be Completed By:

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

Date Sent To Region: 10/14/1993 Region: CENTRAL

Date Sent To State: 10/14/1993 State/Agency: OH PUC
OPS Representative: LISA J. GARLAND
Date: 10/14/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Central Region received a letter from BP Oil outlining the completion of rehabilitation project.

Action Taken By Operator: BP Oil has completed the repairs to the anomalies found on this section of pipeline. BP Oil has increased pressure or reinstated the MOP of 680 psig.

Date Repair Completed: 08/28/1994

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: BP Oil has completed the repairs per BP Oil's letter dated August 29, 1994. BP Oil has reinstated the MOP of 680 psig.

Prepared by: Ralph B. Handlin

Reviewed by: Ivan A. Huntoon

Region Chief

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

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

Date of Follow-Up Report: 06/11/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: THE CENTRAL REGION CONTINUES TO MONITOR THE REHABILITATION PROJECT.

Action Taken By Operator: THE OPERATOR HAS INITIATED THE REPAIR WORK ON THIS

LINE. IT IS EXPECTED THAT THE WORK WILL BE COMPLETED SOMETIME IN AUGUST.

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: LINDA DAUGHERTY

Reviewed by: IVAN A. HUNTOON

Region Chief

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

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

Date of Follow-Up Report: 05/04/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The Central Region Office continues to monitor the progress of the inspection/repair work on this project. An information request was sent to the operator for specific information concerning the condition and the internal inspection tool data and evaluation.

Action Taken By Operator: The operator has awarded a three million dollar inspection/repair contract to remediate 750 anomalies indicated by the internal inspection tool. Work is set to begin on May 31, 1994 and is expected to last 10 weeks. The contractor will be running four repair crews and the operator will have two inspectors monitoring each crew.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: The operator has reduced its operating pressure pending completion of the repair project.

Prepared by: LINDA DAUGHERTY

Reviewed by: IVAN A. HUNTOON

Region Chief

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

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

Date of Follow-Up Report: 01/05/1994

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: No additional information available at this time. Operator is preparing response to information request, which is due 1/31/94.

Action Taken By Operator: Operator is preparing response as stated above. The operator continues to evaluate available information.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: LINDA DAUGHERTY

Reviewed by: IVAN A. HUNTOON

Region Chief

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

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

Date of Follow-Up Report: 12/01/1993

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The operator was contacted for additional information. A letter will be sent requesting the results of the pig runs and the calculations used to determine the reduced pressure.

Action Taken By Operator: The operator has reduced pressure on the line to 540 psig. According to BP Oil, the Battelle Formula was used to determine the allowable pressure. The operator will soon be initiating a rehabilitation program on the line.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: The operator reports that the British Gas inspection pig reported some over-conservative wall loss (90% loss when actually only 70%). On the other hand, the same tool often under-reported shallow corrosion (20% loss when actually 50%). The operator is comparing these results with those of a 1989 VETCO pig run. The 8", .322 wall, 25,000 SMYS (unknown), lapwelded pipe is now operating at 540 psig. The operator intends to classify and address all 900 anomalies in the 84 mile section. Those anomalies classified as severe and located in populated areas or environmentally sensitive areas will receive priority. This line runs through rural areas and does not go through any highly populated areas. The line is considered essentially bare and is currently protected with fairly high potentials (according to the company). All anomalies are believed to be related to external corrosion. BP Oil intends to sleeve the corrosion pits where possible.

Prepared by: Linda Daugherty

Reviewed by: Ivan A. Huntoon

Region Chief

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

Report ID: 930048 Condition Number(s): 9
Operator Name: UTILITY CONSULTANTS, INC. OPID:
Street Address: 116 EAST FOURTH STREET, PO BOX 304
City: HERMANN State: MO ZIP: 65041

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 09/30/1993 Date Received: 10/14/1993
Reporting Official's Name: ROY J. MILLER
Title: DISTRICT MANAGER Phone: 3144862914
Determining Person's Name: DONALD SCHULTE
Title: SERVICEMAN Phone: 3144862914
Date condition Determined to Exist:
Condition Location: City: HERMANN State: MO

Specific Location: VERT. DROP ON SOUTH SIDE OF LOUTRE BRIDGE ON EAST SIDE
OF HWY 19, 3/4 MILE NORTH OF CITY OF HERMANN, MO.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: RUPTURE

Product in Pipeline: NATURAL GAS

Description of Condition: 6" NATURAL GAS TRANSMISSION LINE AT 235-250 PSI
RUPTURED DUE TO FLOOD WATERS WASHING OUT GAS LINE,
CAUSING HIGH STRESS ON PIPE CAUSING RUPTURE.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: PIPELINE WAS SHUT DOWN ON MAIN VALVE LOCATED 2
MILES

NORTH OF RUPTURE. SERVICE LOST TO 1500 CUSTOMERS AS A
RESULT OF SHUTDOWN. TEMPORARY GAS LINE IS BEING
INSTALLED TO RESTORE SERVICE TIL FLOOD WATERS RECEDE.
COMPLETION EXPECTED IN 4-5 WEEKS.

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: 10/18/1993 Region: CENTRAL

Date Sent To State: 10/18/1993 State/Agency: MO PSC

OPS Representative: LISA GARLAND

Date: 10/18/1993

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

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

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Missouri Public Service Commission submitted request to allow the city of Herman, Mo. to install plastic temporary gas line above ground. Wavier was granted by OPS. Permanent line has been installed.

Action Taken By Operator: All work is complete and SRCR should be closed.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: A 60 day extension was granted for the plastic pipeline to be temporarily be installed above ground.

Prepared by: Donald Moore

Reviewed by: Ivan Huntoon

Region Chief

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

Report ID: 930049 Condition Number(s): 9
Operator Name: AMOCO PIPELINE COMPANY OPID: 443
Street Address: ONE MID AMERICA PLAZA, SUITE 300
City: OAKBROOK TERRACE State: IL ZIP: 60181

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/07/1993 Date Received: 10/12/1993
Reporting Official's Name: KATHY MOON
Title: COORDINATOR, COMPLIANCE Phone: 7089903730
Determining Person's Name: MITCH WEISS
Title: AREA MANAGER Phone: 8168995387
Date condition Determined to Exist: 10/05/1993
Condition Location: City: W. ALTON & ST. CHARLES State: MO

Specific Location: CEAR MIDDLE ALTON ROAD & BURLINGTON NORTHERN (CB&Q)
RAILROAD.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: UNSUPPORTED SPAN

Product in Pipeline:

Description of Condition: THE 12" WOOD RIVER-LA PLATA PIPELINE WAS FOUND TO
HAVE AN UNSUPPORTED SPAN OF OVER 300 FEET.

Discovery Circumstances: DISCOVERED DURING INSPECTION OF FACILITIES IN
AREAS AFFECTED BY FLOODWATERS.

Significant Effects on Safety: SECTION HAS BEEN EVACUATED & DISPLACED WITH
WATER & THEREFORE HAS NO ADVERSE EFFECT ON
SAFETY.

Corrective Action Taken: PIPELINE IS CURRENTLY OUT OF SERVICE & A PLAN
TO SECURE THE AFFECTED SEGMENT IS BEING DEVELOPED.

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: 10/18/1993 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: LISA J. GARLAND

Date: 10/18/1993

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

Date of Follow-Up Report: 01/10/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The operator was contacted for additional informatio. The 12" Wood River- La Plata Pipeline SRCR was caused by 1993 flood. Flood water uncovered a 300 foot span.

Action Taken By Operator: The section of pipeline was evacuated and displaced with water. temporary correction was made on 10/10/93. The pipeline span was supported with flotation air bags, cable, and piling system. A permanent repair was completed on 11/18/93 with H-brace and piling system.

Date Repair Completed: 11/18/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: SRC had been submitted for closure previously, but apparently computer entry was not effective.

Prepared by: Ralph Handlin

Reviewed by: Ivan A. Huntoon

Region Chief

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

Report ID: 930050 Condition Number(s): 9
Operator Name: MARATHON PIPELINE COMPANY OPID: 12127
Street Address: 231 EAST LINCOLN STREET
City: FINDLAY State: OH ZIP: 45840

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/07/1993 Date Received: 10/07/1993
Reporting Official's Name: CRAIG PIERSON
Title: DISTRICT SUPERINTENDENT Phone: 3072617200
Determining Person's Name: CRAIG PIERSON
Title: DISTRICT SUPERINTENDENT Phone: 3072617200
Date condition Determined to Exist: 10/05/1993
Condition Location: City: ST. CHARLES COUNTY State: MO

Specific Location: PLATTE PIPE LINE, R/W 225, SEC.24, TWP. 48n, RGE. 6E,
ST. CHARLES CO., MO

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: WASHOUT

Product in Pipeline: PET. CRUDE OIL

Description of Condition: WASHOUT OF SUPPORTING GROUND AROUND PIPELINE
CREATING AN UNSUPPORTED SECTION OF PIPING.

Discovery Circumstances: A FAILURE OF A RAILROAD LEVEE CAUSED FLOOD
WATERS

TO ERODE GROUND UNDER THE PIPELINE.

Significant Effects on Safety: WATER FLOW ACROSS PIPELINE COULD EXCEED
ACCEPTABLE STRESS CONDITION IN THE PIPELINE.

Corrective Action Taken: LINE SHUT DOWN 09/28/93. WATER PURGE INITIATED
10/01/93 & COMPLETED ON 10/03/93.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: STABILIZE PIPELINE VERTICALLY &
LATERALLY. COMPLETE DIVING INSPECTION &
HYDROSTATIC TEST.

To Begin: 10/05/1993 To Be Completed By:

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

Date Sent To Region: 10/18/1993 Region: CENTRAL

Date Sent To State: State/Agency:

OPS Representative: LISA GARLAND

Date: 10/18/1993

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

Date of Follow-Up Report: 10/07/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The Central Region, OPS had staff personnel in St. Charles County monitoring the flood situation. Central Region Staff also maintained close telephone contact with Marathon to stay abreast of new developments that were occurring during the washing out of the Platte/Marathon line.

Action Taken By Operator: Wash out of supporting ground around the Platte Pipeline created uneven support for the pipeline. The wash out was a result of a failure of a railroad levee causing flood waters to erode ground support around the pipeline. Due to potentially serious stress conditions on the pipe, the pipeline was shutdown on September 28, 1993. A water purge was initiated on October 1 and completed on October 3, 1993. Further actions were to stabilize the pipeline vertically and laterally.

Date Repair Completed: 11/18/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Two hydrostatic proof tests were performed on the pipeline on October 7-8, 1993. The pipeline was put back into operation on October 8. Platte/Marathon performed a permanent stabilization project thru 11/18/93. The work done consisted of building 9 supports each with 2 piles driven to secure the pipeline both vertically and horizontally. The total cost of the stabilization project was \$202,000. Total flood related costs approached \$790,000.

Prepared by: Rick Gulstad

Reviewed by: Ivan A. Huntoon

Region Chief

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

Report ID: 930051 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: 10/08/1993 Date Received: 10/08/1993
Reporting Official's Name: NEAL MATTHEWS
Title: MANAGER, TRANSMISSION SUPPORT Phone: 2053257328
Determining Person's Name: CY HARPER
Title: TRANSMISSION SUPERINTENDENT Phone: 2053257551
Date condition Determined to Exist: 10/07/1993
Condition Location: City: BIRMHINGHAM State: AL

Specific Location: SONAT 24" 2ND NORTH MAIN 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: WHILE UNEARTHING THE LINE TO MAKE A FULL ENCIRCLEMENT PERMANENT LEAK REPAIR DUE TO WHAT WAS THOUGHT TO BE A LOCALIZED CORROSION, GENERALIZED CORROSION WAS DISCOVERED.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: LINE WAS REMOVED FROM SERVICE, BLOWN DOWN TO 0 PSIG,

REPLACE PIPE SEGMENT WITH NEW PRETESTED 24" ON 10/09/93.

Shutdown: YES

Date Action Taken: 10/08/1993

Planned Follow-Up/Corrective Action: NONE

To Begin: 10/09/1993 To Be Completed By: 10/09/1993
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 10/18/1993 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 10/18/1993

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

Date of Follow-Up Report: 12/29/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NONE

Action Taken By Operator: REPLACED PIPE SEGMENT WITH NEW PRETESTED 24" PIPE
ON

10/09/93.

Date Repair Completed: 10/09/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CONDITION DUE TO GENERALIZED CORROSION.

Prepared by: DERICK L. TURNER

Reviewed by: BENNIE ANDREWS

Region Chief

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

Report ID: 930052 Condition Number(s): 1
Operator Name: DOW CHEMICAL OPID: 3530
Street Address: 21145 HIGHWAY I
City: PLAQUEMINE State: LA ZIP: 70764

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 10/12/1993 Date Received: 10/14/1993
Reporting Official's Name: MARK COLLINS
Title: PIPELINE OPERATIONS ENGINEER Phone: 5043358047
Determining Person's Name: MARK COLLINS
Title: PIPELINE OPS.ENG. LA DIVISION Phone: 5043358047
Date condition Determined to Exist: 09/29/1993
Condition Location: City: JEFFERSON PARISH State: LA

Specific Location: GRAND TERRE PIG TRAP STATION, EAST OF BATARIA PASS,
NEAR

GRAND ISLE, LA

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: CORROSION DISCOVERED ON ONE 10' LONG SPOOL OF 8"
PIPE.

Discovery Circumstances: EXISTING COATING WAS REMOVED IN PREPARATION
FOR

RECOATING THE PIPE IN THE STATION.

Significant Effects on Safety: WATER POLLUTION LIKELY ON BATARIA PASS.

Corrective Action Taken: MAOP REDUCED TO 1030 PSI BY REDUCING INLET VALVE
TRIP

POINT TO 1030 PSI.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A SLEEVE TYPE REPAIR WILL BE MADE FOR
PERMANENT REPAIR.

To Begin: 10/18/1993 To Be Completed By: 10/22/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/18/1993 Region: SOUTHWES
Date Sent To State: 10/18/1993 State/Agency: LA DNR
OPS Representative: LISA GARLAND
Date: 10/18/1993

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

Date of Follow-Up Report: 11/05/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Verified that the MOP of the affected system was lowered to 1030 psi. The corroded area was later repaired by using a clock spring repair material. The repair was noted on November 1, 1993.

Action Taken By Operator: Lowered the MOP to 1030 psi as calculation indicated. Repair material is from NCF Industries.

Date Repair Completed: 11/01/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes:

Prepared by: Dana Arabie

Reviewed by: J C Thomas

Region Chief

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

Report ID: 930053 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: 10/18/1993 Date Received: 10/19/1993
Reporting Official's Name: BRUCE DAVISSON
Title: OPERATIONS SUPERVISOR Phone: 3047821200
Determining Person's Name: BRUCE DAVISSON
Title: OPERATIONS SUPERVISOR Phone: 3047821200
Date condition Determined to Exist: 10/12/1993
Condition Location: City: SEDALIA State: WV

Specific Location: 16" TL-283 792+81, 2 MILES FROM 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: LEAK DETECTED.

Discovery Circumstances: A LEAK INDICATION WAS DETECTED DURING NORMAL
LINE

PATROL ON 09/22/93. SINCE THE LEAK DID NOT REQUIRE
IMMEDIATE ACTION, IT WAS SCHEDULED FOR EXPOSURE AS
ROUTINE WORK.

Significant Effects on Safety: NONE

Corrective Action Taken: ON 10/12/93 THE ARE OF THE INDICATION WAS EXPOSED
REVEALING A CORROSION CONDITION WHICH CAUSED THE
LEAK. A REPAIR CLAMP WAS INSTALLED OVER THE LEAK AS A
PERMANENT REPAIR.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: 10/12/1993 To Be Completed By: 10/12/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/21/1993 Region: EASTERN
Date Sent To State: 10/21/1993 State/Agency: WV
OPS Representative: LISA GARLAND
Date: 10/21/1993

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

Date of Follow-Up Report: 01/14/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Investigated by State (WV PSC)

Action Taken By Operator: Installed Repair Clamp.

Date Repair Completed: 10/18/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: D. McKown, West Virginia PSC, signed off as closed.

Prepared by: Kate Miller

Reviewed by:

Region Chief

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

Report ID: 930054 Condition Number(s): 1
Operator Name: MARATHON OIL COMPANY OPID: 12125
Street Address: PO BOX 53266
City: LAFAYETTE State: LA ZIP: 70505-3266

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/20/1993 Date Received: 10/21/1993

Reporting Official's Name: J.H. CUCCIA

Title: Phone: 3183228240

Determining Person's Name: BILL FARMER

Title: Phone: 3182338240

Date condition Determined to Exist: 10/16/1993

Condition Location: City: GULF OF MEXICO State: LA

Specific Location: GULF OF MEXICO, OCS VR BLOCK 386, OCS-G;
Occurred on Outer Continental Shelf: YES

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: 4" OIL PIPELINE DEVELOPED A LEAK BETWEEN THE WATER LINE AND THE TOP OF THE J-TUBE. OIL BEGAN SEEPING OVER THE TOP OF OIL PIPELINE J-TUBE AT APPROX. 9' ABOVE WATER LINE. LEAK IS SUSPECTED CAUSED BY EXTERNAL CORROSION IN OIL PIPELINE RISER SECTION APPROX 6' ABOVE WATER LINE ELEVATION.

Discovery Circumstances:

Significant Effects on Safety: NO PERSONNEL INJURIES OR DEATH INVOLVED. ONLY DAMAGE IS TO PIPELINE RISER SECTION. NO FIRES & MINIMAL POLLUTION.

Corrective Action Taken: PLATFORM SHUT-IN & PRESSURE BELD TO 0 POUNDS PSI. SHIPPING PUMPS LOCKED, TAGGED OUT OF SERVICE. TOTAL CRUDE OIL ESCAPED ESTIMATED TO BE .0132 GALLONS.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: CORRODED PIECE OF RISER TO BE REPLACED. CLOSURE PLATE TO BE INSTALLED SEALING TOP OF J-TUBE TO PREVENT FUTURE CORROSION. RISER WILL BE REPLACED WITH 4" OD 0.318" W.T., A-106 GR B SMLS PIPE, COATED WITH FUSION BONDED EPOXY.

To Begin: 10/27/1993 To Be Completed By: 10/30/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 10/22/1993 Region: SOUTHWES
Date Sent To State: 10/22/1993 State/Agency: LA DNR
OPS Representative: LISA GARLAND
Date: 10/22/1993

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

Date of Follow-Up Report: 02/10/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Joe Cocuccia with Marathon and advised that it was external corrosion and that the corroded pipe was cut out and replaced with new pipe.

Action Taken By Operator: The corroded pipe was replaced on Novv. 15,1993.

Date Repair Completed: 11/15/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: This SRC does not meet the criteria for a SRC.

Prepared by: Norris E. Miley

Reviewed by: James C. Thomas

Region Chief

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

Report ID: 930055 Condition Number(s): 5
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: 11/02/1993 Date Received: 11/02/1993
Reporting Official's Name: JOHN DAYTON
Title: SENIOR VICE PRES. OPERATIONS Phone: 9072658923
Determining Person's Name: WES TONKIN
Title: ENGINEER Phone: 9072658135
Date condition Determined to Exist: 10/27/1993
Condition Location: City: ANCHORAGE State: AK

Specific Location: MILE POST 31; 27 MILES NORTH OF PUMP STATION 2.
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: POWER SWITCH FOR ALTERNATE POWER SOURCE TIRPPED INADVERTENLY; CASUING POWER LOST TO STATION CONTROL PANEL; RESLUTING IN OPENING OF STATION SUCTION & DISCHARGE RELIEF VALVES. VALVES WERE BLOCKED IN MANUALLY RESULTING A PRESSURE SPIKE OF 820 PSI. LOSS TO STATION CONTROL PANELRESULTING IN OPENING OF STATION SUCTION & DISCHARGE RELEIF VALVES. VALVES WERENT CLOSING ON THEIR OWN, AND WERE BLOCKED IN MANUALLY WHICH CAUSED A PRESSURE SPIKE OF 820 PSI & SIMULTANEOUSLY ALARMED AT OCC.

Discovery Circumstances: IT WAS LATER DISCOVERED THAT THE FAILURE OF THE RELIEF SYSTEM TO CLOSE ON ITS OWN WAS THE HYDRAULIC SKID RESERVOIR LOW LEVEL SWITCH WHICH WAS FOUND TO BE INOPERATIVE.

Significant Effects on Safety: NONE

Corrective Action Taken: ALYESKA WILL ADDRESS PROCEDURES CURRENTLY IN USE &

MAKE MODIFICATIONS IF NECESSARY.

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: 11/12/1993 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: LISA J. GARLAND
Date: 11/12/1993

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

Date of Follow-Up Report: 02/13/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THIS IS NOW CPF 54501

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

X Case Opened (Federal case identification number 53504 *)

Notes: NOPV HAS BEEN SENT TO ALYESKA

Prepared by: B.HANSEN

Reviewed by: ONDAK

Region Chief

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

Report ID: 930056 Condition Number(s): 1
Operator Name: OLYMPIC PIPELINE COMPANY OPID: 14295
Street Address: 2319 LIND AVENUE, SW., PO BOX 1800
City: RENTON State: WA ZIP: 98057

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 11/10/1993 Date Received: 11/11/1993
Reporting Official's Name: W.A. MULKEY
Title: SUPV.ENVIR & REG AFFAIRS Phone: 2062357745
Determining Person's Name: J.S.L. HOY
Title: ENGINEER Phone: 2062357746
Date condition Determined to Exist: 11/03/1993
Condition Location: City: CASTEL ROCK State: WA

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: REFINED PET PRODUCT
Description of Condition: 25 FEET OF EXPOSED BARE PIPE ON RIVER BOTTOM.
Discovery Circumstances: EROSION ON SOUTH BANK OF RIVER HAS EXPOSED BURIED

PIPE. MIGRATING SEDIMENTS HAVE DISINTEGRATED COATING.

Significant Effects on Safety: EXPOSURE TO RUPTURE IN STREAM BED. DAMGE TO PIPE POSSIBLE WITHOUT IMMEDIATE MAINTENANCE.
Corrective Action Taken: IMMEDIATE: REROUTE STREAM, REPAIR/RECOAT PIPE, BACKFILL TO COVER PIPE TO A MINIMUM 5 FOOT DEPTH.

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

To Begin: 11/15/1993 To Be Completed By: 11/17/1993
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 11/12/1993 Region: WESTERN
Date Sent To State: 11/12/1993 State/Agency: WA UTC
OPS Representative: LISA J. GARLAND
Date: 11/12/1993

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

Date of Follow-Up Report: 11/22/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CALLED TO VERIFY SRCR INFORMATION ON 11/22/93.
APPROXIMATELY 25 FEET OF PIPE IS EXPOSED DUE TO
EROSION. DIVERS INDICATE THAT PIPE IS BARE ON
RIVER BOTTOM AND SURFACE PITTING IS EVIDENT.

Action Taken By Operator: REQUESTED AND RECEIVED EMERGENCY WAIVER OF
PERMITTING FROM COUNTY AND STATE AUTHORITIES TO
DIVERT RIVER WATER. WILL MOVE EQUIPMENT IN THIS WEEK
AND PLAN TO DIVERT WATER ON NOVEMBER 30, 1993. WILL
INSPECT THE LINE AND DETERMINE APPROPRIATE
CORRECTIVE ACTION UP TO AND INCLUDING FULL SOLE OF
LINE. PROJECT SHOULD BE COMPLETED BY DECEMBER 4,
1993.

Date Repair Completed: 12/04/1993

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: DIVERTED RIVER AWAY FROM AFFECTED AREA. EXPOSED, TESTED, AND
ANALYZED

PIPELINE. PITTS WERE NOT OF SUFFICIENT DEPTH TO REQUIRE REPAIR.
REWRAPPED PIPE AND BURIED. RIVERBED IS MAINLY SILT DUE TO LAST MT.
ST.

HELENS ERUPTION. THEREFORE, THIS IS NOT CONSIDERED TO BE A
PERMANENT

SOLUTION. OPERATOR WILL MAINTAIN SURVEILLANCE AND WILL CONSIDER
BORING

UNDER RIVER IN THE FUTURE.

Prepared by: KATCHMAR

Reviewed by: Ondak

Region Chief

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

Report ID: 930057 Condition Number(s): 9
Operator Name: EXXON COMPANY U.S.A. OPID: 5
Street Address: 3400 EAST SECOND STREET
City: BENICIA State: CA ZIP: 94510

System Type: NOT REPORTED Inter/Intrastate: INTRASTATE

Date of Report: 11/18/1993 Date Received: 11/19/1993
Reporting Official's Name: JOHN R. LEE
Title: EQUIPMENT RELIABILITY SUPERVISOR Phone: 7077457453
Determining Person's Name: MIKE EDMONDS
Title: B. CONTROL SUPERVISOR Phone: 7077457562
Date condition Determined to Exist: 11/15/1993
Condition Location: City: BENICIA State: CA

Specific Location: #4 DOCK CSFM 660; 3300 BAYSHORE DRIVE
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: OVERPRESSURE

Product in Pipeline:

Description of Condition: OVERPRESSURE LINE BY VALVE CLOSURE.

Discovery Circumstances: PIPELINE SHIPPING PUMP SHUT DOWN ON HIGH PRESSURE

AS DESIGNED.

Significant Effects on Safety: LINE EXCEEDED 110% OF MOP.

Corrective Action Taken: SHUTDOWN LINE. INSPECTED ENTIRE LINE. DID STATIC CHECK FOR LEAKS. LOCKED OPEN VALVE TO PREVENT CLOSURE.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: CONDUCT ENGINEERING STUDY TO EITHER A) REMOVE VALVES ON MAIN LINE OR B) PROVIDE ADDITIONAL INDEPENDENT PRESSURE RELIEF..

To Begin: 11/17/1993 To Be Completed By: 11/24/1993

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

Date Sent To Region: 11/29/1993 Region: WESTERN

Date Sent To State: 11/29/1993 State/Agency: CA SFM

OPS Representative: LISA GARLAND

Date: 11/29/1993

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

Date of Follow-Up Report: 12/20/1993

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FAXED SRCR TO CSFM 11/30/93. LINDA PAPPAS (CSFM SAN LEANDRO OFFICE) RESPONDED TO THE SITE TO INVESTIGATE.

Action Taken By Operator: 12/20/93 KATCHMAR TALKED TO JOHN LEE OF EXXON. INFO

IN ORIGINAL REPORT IS CORRECT. A VALVE WAS INSTALLED IN THE LINE DURING CONSTRUCTION THAT, IF CLOSED, WOULD ISOLATE THE OVERPRESSURE PROTECTIVE DEVICE RENDERING IT USELESS. DURING THE INVESTIGATION IT WAS DISCOVERED THAT THE COMPANY HAD PLANNED TO REMOVE THE VALVE PRIOR TO OPERATION BUT DID NOT DUE TO ECONOMIC CONSTRAINTS. THE COMPANY THEN PLANNED TO CAR SEAL THE VALVE (PAINT IT RED AND PLACE A LOCK OUT TAG ON IT) BUT THIS TO WAS NEVER DONE. THE VALVE WAS CLOSED BY AN EMPLOYEE WHO THOUGHT THE LINE WAS SHUT IN. WHY THE VALVE WAS CLOSED IS STILL UNDER INVESTIGATION. EXXON HAS PLANNED ON REMOVING THE VALVE WITHIN THE NEXT 1 - 2 WEEKS. PER LETTER DATED 02/09/1994, FROM THE CSFM, THE VALVE WAS REMOVED AND REPLACED WITH A SPOOL PIECE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: LINDA PAPPAS WILL RECEIVE NOTIFICATION WHEN EXXON COMPLETES THE REMOVAL

OF THE VALVE AND WILL IN TURN NOTIFY THE WESTERN REGION OPS. CSFM SENT

THE REGION A COPY OF THE 02/09/1994 LETTER FROM EXXON TO THE REGION ON

06/30/1994. RECOMMENDATION TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ONDAK BY BARRETT

Region Chief

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

Report ID: 940006 Condition Number(s): 1
Operator Name: KOCH GATEWAY PIPELINE COMPANY OPID:
Street Address: P.O. BOX 2256 - 4111 EAST 37TH STREET
City: WICHITA State: KS ZIP: 67201

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/04/1993 Date Received: 10/07/1993
Reporting Official's Name: WAYNE F. ST. GERMAIN
Title: REGULATIONS COORDINATOR Phone: 3168323840
Determining Person's Name: W. R. HUMPHREY
Title: DIVISION MANAGER Phone: 6019680301
Date condition Determined to Exist: 03/02/1994
Condition Location: City: ROBERT, TANGIPAOA PARISH State: LA

Specific Location: 1/2 MILE NORTH OF HWY, 190 AND OBEE STEVENS RD, NEAR
ROBERT, LA., TANGIPAOA PARISH

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 REDUCED PIPE WALL BELOW THAT
REQUIRED FOR EXISTING MAOP.

Discovery Circumstances: WHILE PERFORMING LEAK REPAIR OPERATIONS, THE
CONDITION WAS DISCOVERED.

Significant Effects on Safety: NONE

Corrective Action Taken: REDUCED OPERATING PRESSURE FROM 410 PSIG TO 150
PSIG

AND REPLACED 151 FEET OF PIPELINE.

Reduced Pressure From (PSI): 410 to (PSI): 150

Shutdown: NO

Date Action Taken: 03/02/1994

Planned Follow-Up/Corrective Action: NONE REQUIRED

To Begin: To Be Completed By:

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

Date Sent To Region: 03/13/1994 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHELLE SILVA

Date: 03/13/1994

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

Date of Follow-Up Report: 03/16/1994

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Company replaced 151 feet of pipe and corrected the SRC. No further action is required.

Action Taken By Operator: Same as above.

Date Repair Completed: 03/02/1994

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.