RELEASE REPORT

Form C-103 Revised 1-1-89

State of New Mexico Energy, Minerals and Natural Resources Department

| P.O. Box 1980, Hoobs, NM, 88240 310 Old Santa Fe 7 | TON DIVISION Trail, Room 206 | WELL API NO. |
|--|--|--|
| DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New N | fexi∞ 87503 | 5. Indicate Type of Lease |
| DISTRICT III - 100 (1) Pill (1) 1000 Rio Brazos Rd. Aztec, NM 87410 | | STATE FEE 6. State Oil & Gas Lease No. |
| SUNDRY NOTICES AND REPORTS ON V | WELLS | |
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEE DIFFERENT RESERVOIR, USE "APPLICATION FOR (FORM C-101) FOR SUCH PROPOSALS.) | | 7. Lease Name or Unit Agreement Name |
| 1. Type of Well: OIL OAS WELL WELL OTHER | | |
| 2. Name of Operator Texas - New Mexico Pipe Line Co | | 8. Well No. |
| | | 9. Pool name or Wildcat |
| P.O. Box 60028 San Angelo To | × a.S. | |
| Unit Letter : Feet From The | Line and | Feet From The Line |
| NWY4 0 F NWY4 Section 14 Township 22 S 10. Elevation (Show wh | Range 37 E ether DF, RKB, RT, GR, etc.) | NMPM Lea County |
| 11. Check Appropriate Box to Indicate | ate Nature of Notice, R | eport, or Other Data |
| NOTICE OF INTENTION TO: | | SEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK PLUG AND ABANDON | REMEDIAL WORK | ALTERING CASING |
| TEMPORARILY ABANDON CHANGE PLANS [| COMMENCE DRILLING | OPNS. PLUG AND ABANDONMENT |
| PULL OR ALTER CASING | CASING TEST AND CE | MENT JOB |
| OTHER: | OTHER: | 🗆 |
| 12. Describe Proposed or Completed Operations (Clearly state all pertinent detwork) SEE RULE 1103. | ails, and give pertinent dates, incl | luding estimated date of starting any proposed |
| See Attach ments | · | |
| Form PL-117 + Attachment | | PECEIVED |
| ENV. Inc. Report | | TIVED |
| Permanent Repair Report Site Assesment + Ranking | | 007 5 1995 |
| Analytical | | of the state of |
| Sketch of Site + Sampled Arcus | | FEIO |
| Remediation Plan | | · · · · · · · · · · · · · · · · · · · |
| Final TPH Level will be 5000 1 | PAM Due to | Shallow vertical Extent |
| Landowner HAS been Contacted | and Approve | s Remedial Phan |
| I hereby certify that the information above is true and complete to the best of my knowledge | and belief. | · |
| SIGNATURE of 18 Danie | The Senior Tec | ch. DATE 10/4/95 |
| TYPEORPRINTNAME John A. SAVOIC | · | TELEPHONE NO. 505 - 395-2705 |
| (This space for State Use) | DISTRICT 1 | SUPERVISOR OCT 06 1995 |
| APPROVED BY | - mė | DATE |
| CONDITIONS OF AFFROVAL, IF AND! | | |

OIL OR PRODUCT LOSS REPORT

| | OIL OR PRODU | CI FO22 KED | UKI | Report No. TN | m- 43 |
|---|--|----------------------------|-----------------|--|-------------------|
| Company Texas NEW MEXICO | Piec Line | Canpany | Divisi | on | |
| | | | | | m 70 5 9/P |
| Date of Loss 7-3-95 | | | Sys. Tr | unk Line [] | |
| and Number O. Streic T - CO. S.S. | <u>. </u> | | No0 | ath Line & Line | Size |
| Loss Reported: Date | | | | | |
| | | | _ HMADARI | 40 Hush | |
| Loss Occured 90 Feet B N. E. | From: | Mile Post C - Pump Station | <u></u> ∞ऽ | 5-2018 | |
| N. E. | S. W. | Other Point | 2 | | |
| Section 1H Survey 0 225 | | Block D 2 ~ | Parish O | Lza | out N.M |
| | | | | | |
| Property Owner Walle | - Henson | Tenant's Na | ame UNY~ | own) | |
| Cause of Loss: | | | | | - |
| External Corregion D Coller D Split L | ine 🗆 Tank Rua (| | | Damaged by O | |
| Internal Corrosion D Line Cut D Line F | arted O Check Valv | ve Failure □ O | ther (describe) | Equipment Ow | ner and now Damag |
| BACK- HOL OWNED by Colb | | | | | |
| Lo. man Dani PARKIR Estimated Number C. R. |) PITROLLUM | - OPLRA | TOR - C. | w. mores. | - WARRIN |
| CO. MAN DANK PARKER | | | | | |
| Estimated Number Barrels of Sour | Lost: Gross 18 | .0 | Recovered_ | 70 | Net1 <u></u> |
| If Loss on Main Line: | | | | . P | ressure Dropped: |
| Station Shut Down At | M. Data | Resumed | A M Dat | | # 170 |
| | d | Pumping A | | | H 10 |
| Nature of Soil: Dry D Sait Water D Alk | | cribe) 🗆 | | | |
| Depth Line Buried | | | Coated | Line: Yes O | No 🗆 |
| Repaired: T. P. South / Con-1 | RACTOR DO | 10 7 - 5 - 9 | ~د | Time 7 | Parmanently |
| • | cch P.pc | | | - | |
| | Coating Used | | | | |
| | | | | The state of the s | / 000 |
| Number and Size Anodes Installed | ····· | | Estimated Co | st of Repairs \$ | 1,000 |
| Disposition of | | | | A - | |
| Oil or Product: Lost:— Burned Soaked in Ground | Other (describe) | 0 | - | TECE | |
| Soaked Earth:— Removed D Covered | | | · | 20> | INEL |
| Property Damaged: | | | | 5 | 1995 |
| Land D Timber D Crops D Pasture 6 | Live Stock D Stoc | k Water Other | r | OCO PILE | <u> </u> |
| Approximate Area Covered by Oil or Product | 5,850 | Sa fr. | | OFFICE | ³ 48 |
| Was Consent Obtained To Burn: | Landowner | | Gov't. | Agency | |
| Remarks: CANLL i~ ARLA | 0,6 | . D Co~1 | ACTIZ @ | 8°%.w. | (Biny) |
| | | | | <u></u> | |
| MOR+L GATLIRING 70 | JAL So. | .R | | | |
| | | | - | | |

ATTACHMENT TO FORM PL-117

OIL LOSS REPORT # __ H3

| AREA 5,850 (SQUARE FEET) MAXIMUM DEPTH 6" (FEET) |
|--|
| VOLUME /08 (CUBIC YARDS) (of soil contaminated with greater than 1 weight percent total petroleum hydrocarbons) |
| COMPLETE DESCRIPTION OF THE DISPOSAL OR REMEDIATION METHOD USED OR PLANNED TO BE USED FOR CLEANUP OF THE SITE: |
| LA-D FARM |
| |
| |
| A COMMING OF FORM . |
| The first of the state of the s |
| |
| restance from the Company of the Com |
| A CONTRACT OF THE PROPERTY OF |
| ESTIMATED DATE OF COMPLETION OF SITE CLEANUP 7199 |
| RECEIVEL |
| 7-3-9) OCT 5 1995 Date OCU HUBBS |

| | | | Initial Report | E C | Follow-Up Rep | • |
|---|---------------------------|--------------------------|---|----------------------|----------------------------|-----------------------------|
| | | | | TN | m. H3 | |
| | ENVI | RONMENTAL | INCIDENT REP | ORT | | |
| 1. Person Filling Out This | | 2. Company/L | oistrict/Facility | Dist | /Prop.# | |
| J.P. Smith | | | MINICO TIL | | 55 - 2038 Yes□ No E | 1- |
| | | Landowner | / . | Notified: | Yes 🗌 No 🗹 | 1 |
| Date: 7/3/95 | <u></u> | UNKNOW | مان ما کی | deima direction | ns) South of | f duniel |
| Date: 7/3/95 3. Location of Spill (i.e.,) | u,, | . , | | | | "U T |
| SLC. 14 T225 R3 | 7E 64 (| phill P.T | TO BAT | listian? | | |
| 4. County/State | | 5. Is Line Sub | ject to DOT Juriso | испоит | | |
| LIA- Nu | | No 日 Yo | S[_] | | | |
| 6. Part of System Involved | | d Tou | ck Accident | | | |
| | Pipe | | er (explain) | | | |
| | Station Farm | C. Ott. | (o.t.p) | | | |
| C. Idik | . I arm | | | | | |
| 7. Cause (if b-g apply, ple | ase explain) | | | | | |
| a. Corrosion: In | nternal | External _ | | | | |
| b. Outside Force D | amage (i.e., backhoe, | road grader, etc. |) H.T by | Coiber | Co. Hoz | سلالا |
| c. Failed Weld (i.e | eamage (i.e., backhoe, | NO RICI-S | FOR WARRI | ~ Perro | Li-w on | 2-26-95 |
| | , logitudinal seam spli | | | | | |
| 1 | tion by Operator Perso | | | | | |
| f. Equipment Failu | re (i.e., check valve fa | ilure, broken ni | pple, etc.) | | | |
| g. Other (explain) | | · | | | | |
| | | | | | | |
| 8. Diameter of Pipe | 9. Date of Spill | 73/95 | 10 Bc | dy of Water/W | ater Course Involve | :d |
| | Time of Spill | / ⁶⁰ /_AM/PM | I No |) 4 | Yes 🔲 | |
| ,, | Time Zone (i.e., c | Central, Mountain, etc.) | 11) | Yes, name and typ | e of water involved.) | |
| H" | _ GWTRA | | | | ŕ | |
| | | | | | | |
| 11. Commodity Spilled | 6 | | | | | |
| a. Crude: Sweet b. Petroleum Pro | | let Fuel | Gasoline | Other (eve | lain) | |
| c. Other (explain | | Jet I del | _ Oasonne | Other (exp | <u></u> | |
| 12. Amount Spilled (barre | | - | 13. Amount Rec | overed (barrels | ;) | |
| /80 | | | 7 | 0 | | |
| 14. Cost Estimate of Prop Less than \$50,000 | erty Damage (Include of | ost of commodity not | recovered, damage to o | ther parties, and co | rt of clean up.) | |
| | Yes I If Yes, nur | | | Non-Emp | lovees | |
| Fatalities No 🗵 | Yes If Yes, nur | nber of: Compa | ny Employees | Non-Emp | - | _ |
| 16. Federal/State/Local A | | | ~~ · | | 7 | ECEIVE OF THOSES FICE |
| 17. Actions Taken or Plan | ned to Contain/Clean- | -Up Spill | /rim. | 70 /32: | 0. | SIVE |
| ARIA TO be | | | | | | 77 - 5 |
| 18 Type of Repair Perform | | ment, welded slee | • | | UC | 7995 |
| FLPIACE 1H' | | 7 24-47- | Description of | | grazing, sandy, rocky, el | HOBE |
| 19. Weather Conditions o | ii occiie (temperature, p | recipitation, etc.) | Description of ar | CA (i.e., farming | , grazing, sandy, rocky, & | elice_00, |
| 20. Press Coverage | = X 20.C | <i>UA™F</i> | LLASE ROAL | U T YA | 37~RL | |
| No Yes II | Yes, explain (i.e., TV. | , newspaper, etc.) | | • | | |
| 21. Report to Public Relat | | | | | | |
| No Ves □ I | | ΔM/D | M. Person Renorta | ed to | | |

No Yes I If Yes, Time Reported

AM/PM Person Reported to



OIL LOSS --- PERMANENT REPAIRS

| AREA OFFICE Sunce N.M. DATE 7-3-95 |
|---|
| Permanent repairs have been made on the following leak: |
| OIL LOSS REPORT NO. HDO - T~m. 43 |
| INCIDENT REPORT NO. |
| LOCATION NO. OOST |
| DATE OF PERMANENT REPAIRS 7-3-97 |
| INSPECTOR J.P. S-L |
| HOW REPAIRED AND MATERIAL USED: Proposit 17 H" Soul Pre |
| |
| |
| Signed: Area Supervisor |
| Approved: D. D. Beu |

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TEXAS NEW MEXICO PIPELINE

FOR

TEXAS- NEW MEXICO PIPELINE

TOWNSHIP 22S, RANGE 37E, SECTION 14, IN THE NW1/4 OF THE NW1/4

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OCT 5 1995

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INTRODUCTION

| T | NOTICE | OE | ICAV | CDILL | $\cap D$ | RELEASE |
|----|--------|----|-------|-------|----------|---------|
| L. | NOTICE | UL | LEAR. | SPILL | UK | KELEASE |

- A. RESPONSIBLE PARTY AND LOCAL CONTACT
- B. FACILITY
- C. TIME OF INCIDENT
- D. DISCHARGE EVENT
- E. TYPE OF DISCHARGE
- F. QUANTITY
- G. SITE CHARACTERISTICS
- H. IMMEDIATE CORRECTIVE ACTIONS

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- B. CONTAINMENT
- C. SITE STABILIZATION

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 - 3. Distance to Nearest Surface Water Body

B. SOIL / WASTE CHARACTERISTICS

- 1. Unsaturated contaminated Soils
- C. GROUND WATER OUALITY

IV. SOIL AND WATER REMEDIATION ACTION LEVELS

A. SOILS

- 1. Unsaturated Contaminated Soils
 - a. Ranking Criteria
 - b. Recommended Remediation Level

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NOTICE OF LEAK SPILL, OR RELEASE

A. RESPONSIBLE PARTY AND LOCAL CONTACT

TEXAS NEW MEXICO PIPELINE COMPANY, EUNICE, NEW MEXICO. CONTACT JOHNNY CHAPMAN, AREA SUPT. 505-394-2770

B. FACILITY

I.

A PIPELINE CONNECTED TO THE ANADARKO PETROLEUM COMPANY - HUGH BATTERY

C. TIME OF INCIDENT



D. DISCHARGE EVENT

THE COLBORN COMPANY INC. HAD DUG OUT A PIPELINE OWNED BY WARREN PETROLEUM OF EUNICE, NEW MEXICO, FOR REPAIR. ON PREVIOUS DAYS. THE AREA WHERE THE WARREN LINE WAS LEAKING IS ALSO SHARED WITH TEXAS NEW MEXICO PIPELINE. THE TEXAS NEW MEXICO PIPELINE WAS DAMAGED WHILE DIGGING OUT THE WARREN PETROLEUM PIPELINE UNKNOWINGLY. NO KNOWN VISUAL DAMAGE WAS PRESENT TO THE TEXAS NEW MEXICO LINE, SO BACKFILL WAS DONE.. PRODUCED CRUDE OIL WAS DISCHARGED WHEN TEXAS NEW MEXICO PIPELINE COMPANY PUT A 210 BBL. TANK ON LINE.

E. TYPE OF DISCHARGE : CRUDE OIL

F. QUANTITY

VACUUM TRUCK PICKED UP 30 BBLS OFF OF GROUND BUT THE LINE THAT WAS LEAKING IS ON GRAVITY FLOW. IT IS DOUBTFUL THAT MORE THAN 60 BBLS. WAS DISCHARGED ON THE GROUND BECAUSE OF THIS. ALSO, THE PATH THAT THE OIL TRAVELED WAS THE SAME AS PREVIOUS FLOWS OF OIL AND PRODUCED WATER FROM THE HUGH TANK BATTERY WHEN MECHANICAL FAILURE OCCURED, THUS ALREADY GIVING THE LATEST DISCHARGE A PAD TO TRAVEL ON AND REDUCING THE AMOUNT OF ABSORBTION OF OIL INTO THE GROUND.

G. SITE CHARACTERISTICS

GENERAL CONDITIONS AT TIME OF DISCHARGE WERE AS FOLLOWS:

DRY WITH NO MEASURABLE RAINFALL IN THE PAST 30 DAYS. WIND S-SE AT 10-15 MPH.

TEMPERATURE- 98 DEG. F* DAYTIME AND 70 DEGREES F* NIGHT. SOIL TYPE - SANDY TOP FOR ABOUT 4 INCHES THEN FIRM SOIL.

NEAREST TOWN 2.5 MILES NORTH
DISTANCE TO NEAREST WATERWELL - 3/4 MILES S.-SE. OF SITE
DISTANCE TO NEAREST SURFACE WATER BODY - 10 MILES N.E. OF
SITE

H. IMMEDIATE CORRECTIVE ACTIONS

UPON NOTIFICATION OF DISCHARGE, TEXAS NEW MEXICO PIPELINE DISPATCHED A VACUUM TRUCK TO PICK UP OIL OFF GROUND AND ALSO REPAIRED THEIR PIPELINE.

II. INITIAL RESPONSE ACTIONS

- A. TEXAS NEW MEXICO PIPELINE DISPATCHED A VACUUM TRUCK TO PICK UP OIL OFF GROUND AND REPAIRED THEIR PIPELINE
- B. THE OIL RAN DOWNHILL FROM LEAK SOURCE INTO A LOW LYING AREA. PATH RANGED ANYWHERE FROM 3 FEET TO 6 FEET WIDE AND APPROXIMATELY 300 FEET LONG.
- C. VACUUM TRUCK WAS USED TO RECOVER APPROXIMATELY 30 BARRELS OF OIL

III. SITE ASSESSMENT

A. GENERAL SITE CHARACTERISTS

- 1. ACCORDING TO THE STATE ENGINEERS OFFICE, WATER DEPTH IS APPROXIMATELY 65 FEET.
- 2. DISTANCE TO NEAREST WATER WELL IS 3/4 MILE S.S.E.OF SITE
- 3. DISTANCE TO NEAREST SURFACE WATER BODY IS 10 MILES.

B. SOIL / WASTE CHARACTERISTICS

 NO GROUND WATER WAS ENCOUNTERED DURING SOIL / WASTE CHARACTERIZATION OF THE IMPACTED SOIL.

IV. SOIL AND WATER REMEDIATION ACTION LEVELS

A. SOILS

- 1. SOIL WAS FOUND TO BE UNSATURATEED
 - a. RANKING CRITERIA IS AS FOLLOWS:

| DEPTH TO GROUND WATER IS 65 FEET10 PTS. |
|---|
| WELLHEAD PROTECTION AREA |
| 3/4 MILE FROM WATER SOURCE 0 PTS. |
| 3/4 MILE FROM PRIVATE DOMESTIC |
| WATER SOURCE0 PTS. |
| |
| |

TOTAL 10 PTS.

NOTE: SOIL SAMPLES WERE TAKEN. SEE ATTACHMENT





PHONE (915) 673-7001 * 2111 BEECHWOOD * ABILENE, TX 79003

PHONE (505) 393-2326 * 101 E. MARLAND * HOBBS, NM 88240

PHONE (505) 326-4669 * 118 S. COMMERCIAL AVE. * FARMINGTON, NM 87401

TPH/BTEX

ANALYSIS

Company:

Colbarn Company P.O. Box 1804 Bunice, NN 88231

City, State:

Project Name:

Tex-New Mexico Pipeline not given
RC Date: 8
BC, MG Date: 8
Soil Sai

1:30

various

Location: Sampled by: Analyzed by: Sample Type:

8/28/95 Time: 8/29-30/95 Time: Sample Condition:

Intact

Units:

| Samp # | ******** Field Code | TRPHC | BENZENE | TOLUENE | ETHYL BENZENB | PARA- XYLENB | META- XYLENE | ORTHO- XYLENE | ** |
|-----------|--|-------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|----|
| 1236 | West West Middle East East Middle | 45,700 6,480 38,900 52,400 | 4.229 0.774 2.514 0.963 | 20.468 0.579 0.836 2.936 | 10.370 0.960 0.468 4.483 | 3.878 0.560 0.774 1.778 | 7.431 1.209 2.508 3.054 | 3.866 1.503 2.377 2.547 | |

| QC Recovery QC Spike | 431 | 0.927 | 0.927 | 0.912 | 0.896 | 0.900 | 0.896 |
|-------------------------|-----|--------|--------|--------|--------|-------|--------|
| Accuracy Air Blank | 101 | <0.001 | <0.001 | <0.001 | <0.001 | | <0.001 |

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OCT 5 1995 OFFICE

- GAS CHRONOTOGRAPHY; INFRARED SPECTROSCOPY - EPA EW-846; 8020, 418.1, 3540, 3510 OR 3550

09/06/G5



PHONE (915) 673-7001 * 2111 BEECHWOOD * ABILENE, TX 79803

PHONE (505) 393-2326 * 101 E. MARLAND * HOBBS, NM 88240

PHONE (505) 326-4669 * 118 S. COMMERCIAL AVE. * FARMINGTON, NM 87401

TCLP ANALYSIS REPORT

Company: Colbarn Company Address: P.O. Box 1804 City, State: Eunice, NM 88231

Date: 9/6/95 Lab #: H2158-3

Project Name: Location: Sampled by: Sample Type:

Tex-New Mexico Pipeline

not given RC Soil

Sample Condition:

8/28/95 Intact

Sample ID:

Bast

TCLP INORGANICS (Leachate)

| PARAMETER | RESULT | EPA_LIMIT | <u> Units</u> |
|---|---|-------------------------------------|---|
| Silver Arsenic Barium Cadmium Chromium Mercury Lead Selenium | <0.1 <0.1 1.2 <0.1 <0.1 <0.1 <0.1 | 5 5 100 1 5 0.2 5 | ppm ppm ppm ppm ppm ppm ppm |

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METHODS: TCLP INORGANICS (Leachate) - EPA 1311,600/4-91/010

Gayle A. Potter

09/06/95 Date

Environmental Analytical Services

ARDINAL LABORATORIES

118 S. Commercial Ave. Farmington, NM 87401 505-326-4669 FAX 505-326-4535

101 E. Marland Hobbs, NM 88240 505-393-2326 FAX 505-393-2476

Chain of Custody Record

Project I.D.

Project Location_

Sampled By KANKE Calboad

Client Name Tex-New Mexico Pipeline

Address Say TEXAS AUE

Telephone 505-294-2463 FM 394-228

(Type sample, preservation, etc.) 3 1080 Remarks ğ Required Analysis Number of Date Time Received by: (Signature) Sample Location West EAST EAST Q Ç Grab Composite Released by: (Signature) 16/Jan emili **Oate** April Sample Number

affillates of successors erising out of or related to the

etion of the applicable service.

Dale | Time | Received by: (Signature)

Released by: (Signature)



"Don't Treat Your Soil Like Dirt!"

TEXAS NEW MEXICO PIPE LINE COMPANY ATTN: MR. TONY SAVOIE P.O. BOX 1030 JAL, NM 88252 FAX: 505-650-0624

Receiving Date: 09/29/95 Sample Type: SOIL Project Name: TNM 43-95 Analysis Date: 10/02/95 Sampling Date: 09/29/95 Sample Condition: Intact / Iced

| ELT# | FIELD CODE | TPH (mg/kg) | IGNITABILITY (Deg. F) |
|------------------------------|--|------------------------------|--------------------------|
| 6015 6016 6017 6018 | BOTTOM HOLE 1' BOTTOM HOLE 2' BOTTOM HOLE 18" BOTTOM HOLE 3' | 18,100 1,270 70 400 | >150 |
| T | UALITY CONTROL RUE VALUE PRECISION | 484 466 104 | |

METHODS: EPA 418.1, SW 846-1010

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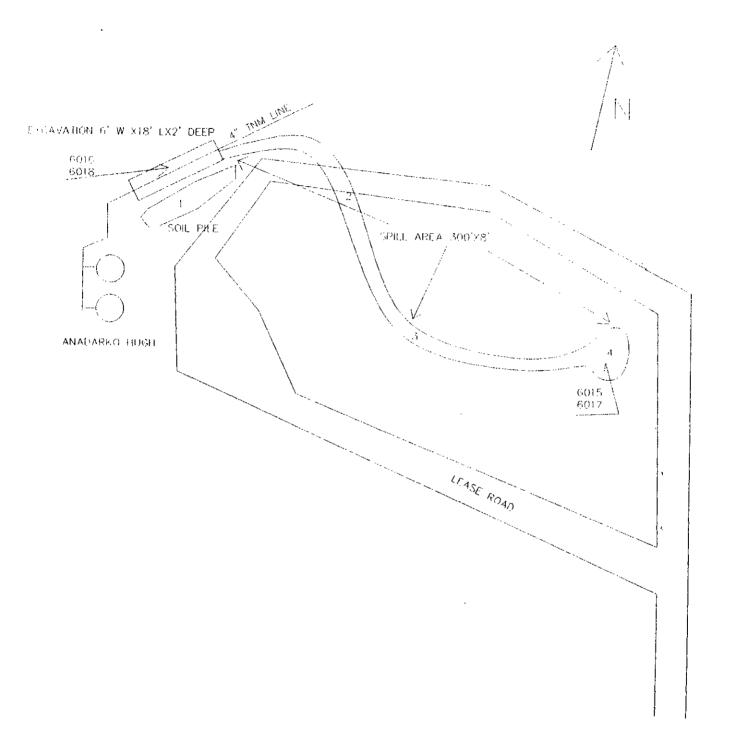
10-2-95

Michael R. Fowler

| Envir | onmental | Environmental Lab of Texas, Inc. | s, I | nc | | 000 | 12600 West I-20 East (915) 563-1800 | 1.20 | Eas 1800 | O E | X de | a, Tex (915) | Odessa, Texas 79763 FAX (915) 563-1713 | 5 | MIN | OF-C | USTC | ī ķā | ည္ဆ | KD A | CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST | ALYSI | S REQ | VEST | | |
|-------------------------|--------------|----------------------------------|------------|----------------|------|-------------------|--|----------------|---------------|------------------------|--|-------------------------|---|-----------|--------------|--|---------------|--|-------------|------------------|--|-------------|-------|----------|---|--------------|
| Project Manager: | 700 | | | | | Phone # FAX #: | Phone #: FAX #: | 17 | | | |] | | ļ | | | 3 | NALS | SIS I | ANALYSIS REQUEST | EST | | | 1 | 1 | |
| Company Name & Address: | | | | } | |] |) | ! | | l | } | | | | - | | | | | | | | | - | | |
| Project#: | |) | <u>}</u> | 4 | | Pro | roject Name: | 59¢ | | | | | | | 3 VH 4 | | | | | | | | | | | |
| roject Location: | 1/2-35 | | | | | Servi | Sanspier Signature: | rang. | Ë | | | | | | טין כנים | | | | | | | | | | | |
| 45 | | | |)(1 | MAT | TRIX | | - | MI | PRESERVATIVE METHOD | TIV. | | SAMIPLING | | | | S | ealitato | | | | | | | | |
| LAB # | FIELD CODE | | # CONTAINE | Volume/AmouloV | TIOS | ЯІА | SCUDGE | нсг однек | | ICE | | A3HTO 3TAG | 3TAG 3MIT | BTEX 8020 | TPH 418.1 | Total Metals | TCLP Votatile | TCLP Semi / | 108 | | | | | | · | |
| - | Rottem Wole | | | 1 | ļγ | | | - | | | | 6 | 9-24-81 0700 | | > | | | | | | | | | | | |
| | As Hon Hole | , 7, | | | - > | | | | ز | | | | 0110 | | · > | | | | | | | | | | | i |
| | Bo Hom Hole | 18" | | | | | | | | | | | 0100 | | · × | | | | _ | | | | | | | |
| | Bottom 1 | 140/e 3' | | | X | | | | [| | | | צונס | | - 🛪 | | | | \dashv | | | \dashv | | | | 7 |
| | ŀ | | | | | | | | | | - | | _ | 二 | \dashv | | | - | _ | | - | - | | | | 1 |
| | | | - | - | | | _ | | | | -+ | _ | _ | | \dashv | | | -+ | | \perp | | + | | | _ | \neg |
| | - 1 | | + | -+ | _ | | \dashv | | | | + | _ | + | | - | | | + | _ _ | <u> </u> | | - | \pm | 1 | 1 | |
| | 7 | REA | +- | +- | | | +- | | 1 | | +- | - | - | 1 | + | \perp | | - | - | | | | 士 | | - | T- |
| E | 5 18 1046 | | | | - | | +- | | | | | - - | | | ++ | | | | | | | | | | | 1 |
| - | | | - | ┥ | _ | | ㅓ | -{ | _ | | ᅱ | _ | - | 口 | \dashv | _ | | \dashv | 4 | | 7 | \dashv | 7 | | - | 1 |
| Relinquished by: | | Date: 9-95 | Ē | Times: | 500 | ما | } | <u> </u> | Receiped by | 5 0 | 1 | Joseph . | REMARKS | RKS | 12 | wit | Ignitability | 7 | €. | e Hetest | est 3 | 1 | رد | | | |
| Relinquished by: | | Date: | F | Times: | | | | <u> </u> | Received by: | d by: | | | | | | | | | | | | | | | | |
| Relinquished by: | | Dafe: | F | Times: | | | | 5 | \$ | d by I |) pg | Received by Laboratory: | | | | | | | | | | | | | | |
| | | | 1 | | | | | 4 | | i | 1 | , | - | | | | | | , | , | 1 | , | | | | - |

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SAMPLE REFERENCE

CARDINAL LAB SAMPLE I.D.

SAMPLE #1- SOIL PILE AT THE EXCAVATED AREA SAMPLE #2- SURFACE SPILL AREA S.E. OF LEASE ROAD SAMPLE #3- SURFACE MIDDLE OF SPILL AREA SAMPLE #4- SURFACE WEST OF LEASE ROAD

ENVIRONMENTAL LAB OF TEXAS INC.

SAMPLE 6015-AREA WHERE OIL ACCUMULATED DEPTH OF SAMPLE 1 FT. SAMPLE 6016-EXCAVATED AREA BOTTOM OF HOLE DEPTH 2 FT. SAMPLE 6017-AREA WHERE OIL ACCUMULATED DEPTH OF SAMPLE 18 INCHES SAMPLE 6018-EXCAVATED AREA DEPTH OF SAMPLE 3 FT.

Ref. 261 Appendix 2 CFR 40 1.2 Samples For BTEX UTILIZED 20:1 dillution



REMEDIAL WORK PLAN

Upon O.C.D. approval, Texas New Mexico Pipe Line Company beginning October 9, 1995 will perform the following remedial clean up of spill ref# TNM-43-95.

PHASE 1- The area described as the spill area, defined as an area of 300'x8' will be scraped at a depth of aprox. 2 inches to remove oil packed and hardened soil which apparently had been involved in previous spills from equipment failure at the tank battery location. The scraped soil will be placed around the excavated area.

PHASE 2- The scraped area will be plowed and fertilized.

PHASE 3- The oil contaminated soil around the excavated area along with the soil pile will be blended with fresh soil until the TPH level is below 5000 PPM and placed back in the excavated area.

PHASE 4- The plowed and fertilized area will be composite sampled 30 days after treatment and determined if further remedial work will be needed. This treatment will be repeated monthly or until the soil TPH levels are below 5000 PPM.

CLOSURE- Texas New Mexico Pipe Line Company will submit a closure report within 30 days after achieving a clean up level of 5000 PPM. Soil sampling will include a BTEX head space measurement upon closure.

John A. Savoie

