

2R - 33

REPORTS

DATE:

JAN. 31, 1995

JAN 31 '95 10:24AM TX. N.M. PIPELINE 915 944 2721

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TEXAS-NEW MEXICO PIPELINE COMPANY

FACSIMILE TRANSMITTAL

DATE: January 31, 1995
TO: Ray Smith
Artesia, New Mexico
COMPANY: New Mexico Oil Conservation Division
FAX NUMBER: (505) 748-9720
FROM: Edwin H. Gripp
San Angelo, Texas

Number of pages (including this cover) 5

***** Message *****

Per our discussion, attached is our Site Assessment/Remedial Action Plan for our recent oil release in the Cedar Lake area. Please review the plan and if you concur, we will begin our operation immediately.

If you need additional information, please contact Tom Langley at (915) 947-9005.



TWL

BDC

02/03/95 09:40 505 748 9720
DISTRICT 31 '95 10:26AM TX. N.M. PIPELINE 915 944 2721
P.O. Box 1930, Hobbs, NM 88241-1980
DISTRICT I
P.O. Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

OCD DIST II


003

Energy, Minerals and Natural Resources Department

EXHIBIT "A"
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P. 4/5
SUBMIT 2 COPIES TO
APPROPRIATE DISTRICT
OFFICE IN ACCORDANCE
WITH RULE 116 PRINTED
ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR				Texas-New Mexico Pipe Line Company				ADDRESS P. O. Box 60028				TELEPHONE #			
				San Angelo, Texas 76906				915-947-9000							
REPORT OF	FIRE	BREAK	SPILL	LEAK	X	BLOWOUT	OTHER*								
TYPE OF FACILITY	DRUG WELL	PROD WELL	TANK BTRY	PIPE LINE	X	GASO PLNT	OIL RPY	OTHER*							
FACILITY NAME: 6" gathering line															
LOCATION OF FACILITY															
Qtr/Qu Sec. or Footage SE/4 SW/4															
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK															
4 miles east of loco Hills															
DATE AND HOUR OF OCCURRENCE						DATE AND HOUR OF DISCOVERY									
Unknown						1/20/95 1:30 p.m.									
WAS IMMEDIATE NOTICE GIVEN?		YES X		NO		NOT REQUIRED		IF YES, TO WHOM		Betty Rowllins					
BY WHOM		B. D. Chapman				DATE AND HOUR		1/20/95 3:00 p.m.							
TYPE OF FLUID LOST		Sour Crude				QUANTITY OF LOSS		VOLUME RECOVERED		280 bbls.					
DID ANY FLUIDS REACH A WATERCOURSE?		YES X		NO		QUANTITY									
IF YES, DESCRIBE FULLY**															
Location of spill is in a dry creek bed.															
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**															
External Corrosion. Leak successfully clamped off.															
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**															
Approximately 20,000 sq.ft. Oil soaked earth covered with fresh soil in prospects of full restoration.															
DESCRIPTION OF AREA		FARMING		GRAZING		URBAN		OTHER*							
SURFACE CONDITIONS		SANDY		SANDY LOAM		CLAY		ROCKY		WET		DRY X			
SNOW															
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**															
Clear 60°															
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF															
SIGNED						PRINTED NAME Edwin H. Gripp				DATE 1/26/95					
						AND TITLE District Manager									

*SPECIFY

State Corp. Commission
Pipe Line Division

**ATTACH ADDITIONAL SHEETS IF NECESSARY

Hazardous Waste Section
NM Environmental Improvement Div.

JAN 31 '95 10:25AM TX. N.M. PIPELINE 915 944 2721

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SITE ASSESSMENT/REMEDIAL ACTION PLAN
for
TEXAS-NEW MEXICO PIPE LINE COMPANY
Cedar Lake Area
4 miles East of Loco Hills

1.0 INTRODUCTION

This is a compilation of information describing the site assessment and remediation activities that will take place as a result of a net 100 barrel crude oil pipe line leak that was discovered on January 20, 1995 at the Texas-New Mexico Pipe Line Company (TNMPLCO) Gathering System 4 miles East of Loco Hills. A copy of the Notification of Leak form is attached as Exhibit "A".

2.0 LOCATION

The crude oil spill site is located in Eddy County, New Mexico, in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 19, T17S, R31E, 25 to 30 miles East of the Pecos River. The closest horizontal standing water is approximately 2 $\frac{1}{2}$ miles Southwest of the leak site. The ground water in the area is 350 feet deep.

2.1 Physiography

The leak site is sketched on Exhibit "B" attached. This leak site is bounded by an oil lease road on the South and sand dunes 8 to 10 feet high on the West and flat grassland East and North. The leak occurred in the lease road and ran approximately 400 feet East down the edge of the road. This road is approximately 2.6 feet higher than the grassland. This road has been elevated using caliche, and forms an ideal dike on the South side. We propose to start at the lease road and construct a 3 foot high dike starting at the lease road and running North and back to the West approximately 400 feet in length. This will completely eliminate any rainwater or oil from leaving the site. In the event of rain flooding the site area provisionary method to control runoff will be to raise the elevation of berm and/or pump water into pipeline or pick up and haul to disposal.

2.2 Ranking Criteria

With the installation of a perimeter berm, the ranking criterion of each are zero. Oil contamination levels are unavailable at this time. Samples were taken to the lab last Monday, January 23. However, the planned remediation method will not be affected by oil lab results other than the TPH values.

3.0 REMEDIATION

The following discussion summarizes recommended techniques for remediation of contaminated soil as defined in Section 3.1 below.

3.1 Contaminated Soils

Treated in place by excavating and ripping on site with heavy equipment. Blending with available sand from the North side of the leak site. Mixing in fertilizer and manure with cotton burrs where available. Watering the site using potable water to maintain moisture. Repeating this process until the soil TPH levels are equal to or exceed New Mexico Oil Conservation Division (NMOCD) requirements.

3.2 Soil Testing

Soil samples will be tested for TPH using TNMPLCO test kit and Company labor on a monthly basis to monitor the progress of the remediation. When the TPH level reaches or exceeds the requirement, we will advise NMOCD so they can witness sampling for laboratory analysis prior to closing the site. The site will then be leveled and replanted with native grass to the satisfaction of NMOCD.

6' LINE

SAND DUNES 8'-10' HIGH

EXHIBIT B

X LEAK

ROAD

BUILT-UP ROAD

TOP OF ROAD 2.60

840#
SAMPLE 1
12 X 70

75 X 180
13500
X 5' DEEP
SAMPLE 3

60 X 45
SAMPLE 2
2700#

600' X 12' 7200#

ELEV.
0.00'

2.60'

750'

1.40'

1.60'

BERM WILL BE CONSTRUCTED
WITH ENDS LEVEL WITH
ROADWAYS.

PUMPER
WELL

→ N

LINE 910 944 2721

EDDI COUNTY N.M.
SE 1/4 of SW 1/4
S-10 T-126 R-31 E

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FEB 01 '95 12:23PM TX. N.M. PIPELINE 915 944 2721

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TEXAS-NEW MEXICO PIPELINE COMPANY

FACSIMILE TRANSMITTAL

DATE: February 1, 1995
TO: Ray Smith
Artesia, New Mexico
COMPANY: New Mexico Oil Conservation Division
FAX NUMBER: (505) 748-9720
FROM: Thomas W. Langley
San Angelo, Texas

Number of pages (including this cover) 4

***** Message *****

Per our discussion, on February 1, attached are the Lab tests with TCLP Metals for your review. If you need additional information, please contact Tom Langley at (915) 947-9005.

Thomas W. Langley

TWL
BDC

UNRECORDED

Order # MS-01-172

02/01/95 10:27

Client: Texas New Mexico Pipe Line Co

TEST RESULTS BY SAMPLE

Page 3 of 3

Sample Description: Cedar Lake Draw Leak

Lab No: 01A

Test Description: TCLP METALS

Method: SW-846

Test Code: TCLP_M

ELEMENT	Result	Regulatory Limit	Units	Date Started	Analyst	Method
TCLP METALS						
ARSENIC	< 0.1	5.0	mg/L	01/28/95	MLC	SW-846, 7061
BARIUM	< 5.0	100	mg/L	01/28/95	MLC	SW-846, 7082
CADMIUM	< 0.1	1.0	mg/L	01/28/95	MLC	SW-846, 7130
CHROMIUM	< 0.2	5.0	mg/L	01/28/95	MLC	SW-846, 7192
LEAD	< 0.5	5.0	mg/L	01/28/95	MLC	SW-846, 7420
MERCURY	< 0.01	0.2	mg/L	01/28/95	MLC	SW-846, 7470
SELENIUM	< 0.1	1.0	mg/L	01/28/95	MLC	SW-846, 7741
SILVER	< 0.2	5.0	mg/L	01/28/95	MLC	SW-846, 7760

MARTINEZ

Order # MS-01-172

02/01/95 10:27

TEST RESULTS BY SAMPLE

Page 2 of 3

Client: Texas New Mexico Pipe Line Co

Sample: 01A Cedar Lake Draw Leak

Collected:

<u>Test Name</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Detection Limit</u>	<u>Date Started</u>	<u>Analyst</u>
MERCURY DIGESTION	SW-846, 7470	01/25/95	DATE		01/25/95	WCR
TCLP PREPARATION	SW-846, 1311	01/23/95	DATE		01/23/95	WCR
TOT.PET. HYDROCARBONS SOIL	EPA 418.1	80800	mg/kg	912	01/24/95	SLS

FEB 01 '95 12:24PM TX. N.M. PIPELINE 915 944 2721 LINDEN

P. 245 02

Huntingdon

Engineering and Science for a Safer Environment

1703 West Industrial Avenue P.O. Box 2150, Midland, Texas 79702 915/683-3349

Client Texas New Mexico Pipe Line Co
P.O. Box 80028
San Angelo, Texas 76906
915/848-7018 FAX 915/844-2721
Attn: Eddie Gripp

Client No. 26889100
Report No. MS-01-172
Report Date 01/31/95 11:41

Project Cedar Lake Draw Leak 1/28/95

Date Sampled _____

Sampled By Client _____

Sample Type Sol _____

Transported by Billy Chapman _____

P.O. # _____

Date Received 01/23/95

cc: Billy Chapman
Texas NM Pipe Line
P.O. Box 1027
Livingston, New Mexico 88260

Lab No.
MS-01-172-01

Sample Identification
Cedar Lake Draw Leak

Our letters and reports are for the exclusive use of the client to whom they are addressed and shall not be reproduced except in full without the approval of the testing laboratory. The use of our name must receive our prior written approval.

Reviewed By On

HUNTINGDON


ALLAN B. JOHNSTON