

# **CLOSURE REPORT**



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OIL CONSERVATION DIVISION

## CLOSURE REPORT

TEXAS - NEW MEXICO PIPE LINE COMPANY

TNM-98-17

UNIT D, SECTION 5, TOWNSHIP 17 SOUTH, RANGE 38 EAST  
LEA COUNTY, NEW MEXICO



5309 Wurzbach, Suite 100  
San Antonio, Texas 78238  
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(210) 680-3763 FAX

## CLOSURE REPORT

**TEXAS - NEW MEXICO PIPE LINE COMPANY**  
**TNM-98-17**  
**UNIT D, SECTION 5, TOWNSHIP 17 SOUTH, RANGE 38 EAST**  
**LEA COUNTY, NEW MEXICO**

PREPARED FOR:

***EQUIVA SERVICES, LLC***  
1670 BROADWAY  
DENVER, COLORADO 80202-4899

Mr. Marc Oler

PREPARED BY:

***KEI***

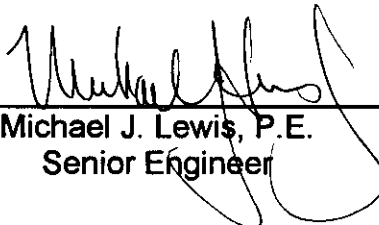
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M. Kay Hawthorne, REM



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Theresa Nix  
Project Manager



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Michael J. Lewis, P.E.  
Senior Engineer

## **TABLE OF CONTENTS**

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<b>PURPOSE AND SCOPE</b>	<b>1</b>
<b>SITE BACKGROUND</b>	<b>1</b>
<b>CLOSURE ACTIVITIES</b>	<b>1</b>
<b>CLOSURE SUMMARY</b>	<b>2</b>
<b>FIGURES</b>	
FIG. 1 - SITE LOCATION MAP	
FIG. 2 - SITE DETAILS	
<b>APPENDICES</b>	
APPENDIX A - ANALYTICAL LABORATORY REPORTS CHAIN-OF-CUSTODY DOCUMENTATION	
APPENDIX B - DISPOSAL DOCUMENTATION	

## PURPOSE AND SCOPE

The objective of the site closure activities was to obtain closure for the site based on New Mexico Oil Conservation Division (OCD) regulations. The following activities were performed to achieve this objective:

- determination of closure standards
- removal of impacted soil
- characterization of removed impacted soil
- off-site landfarming of impacted soil

## SITE BACKGROUND

The Texas - New Mexico Pipe Line Company (TNMPL) release site is located 6 miles south and 6 miles east of Lovington, Lea County, New Mexico in Unit D, Section 5, Township 17 South, Range 38 East. A site location map is presented as FIG. 1.

The release was discovered on July 27, 1998. Approximately 70 barrels were released from a crude oil pipeline when an unknown party removed a valve from the pipeline. The release occurred in a tank battery, adjacent to a 500 bbl. above ground tank. The crude oil impacted area extended to the north and to the west of the release location in an irregular pattern. The release was contained within the firewall of the tank battery. Approximately 30 barrels of crude oil were recovered. Site details are presented on FIG. 2.

## CLOSURE ACTIVITIES

Prior to this release, soils had been impacted by previous releases at the site not related to TNMPL. Based on verbal instructions from the New Mexico Oil Conservation Division (OCD), an agreement was reached with the facility operator as to the extent of soils impacted by TNMPL's release. In accordance with this agreement, 6 to 10 inches of impacted soil were excavated and replaced with clean fill. Due to the pre-existing hydrocarbon impact to soils at the maximum extent of TNMPL's excavation, confirmation sampling was not performed.

The measurements of the excavation and soils removed are summarized below:

MEASUREMENT	VALUE
Length	120 to 180 feet
Width	10 to 40 feet
Area	Approximately 5,100 square feet
Depth	Approximately 6 to 10 inches
Volume Landfarmed	Approximately 196 cubic yards
Assumed Depth to Water	45 to 50 feet

The excavated soils were stockpiled on plastic prior to off-site disposal. KEI collected a composite sample from the stockpiled soils on September 8, 1998, and submitted the sample for determination of total petroleum hydrocarbon (TPH) concentrations using modified EPA

Method 8015 - Diesel Range Organics (DRO). The TPH concentration is presented on the following page.

CONSTITUENT	STOCKPILE CONCENTRATION (mg/kg)
TPH	27,411

The laboratory report and chain-of-custody documentation are provided in APPENDIX A.

Excavated soils were hauled to C & C Landfarm, Inc. on September 21, 1998. Disposal documentation is included in APPENDIX B.

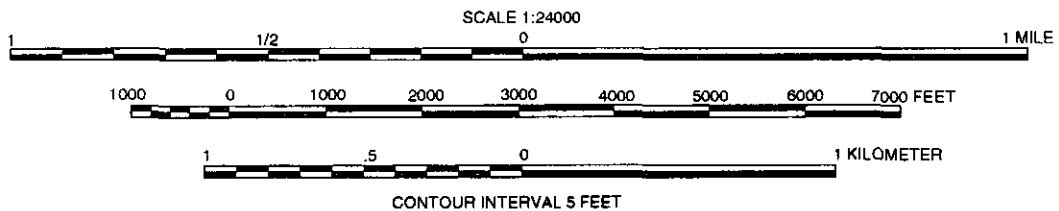
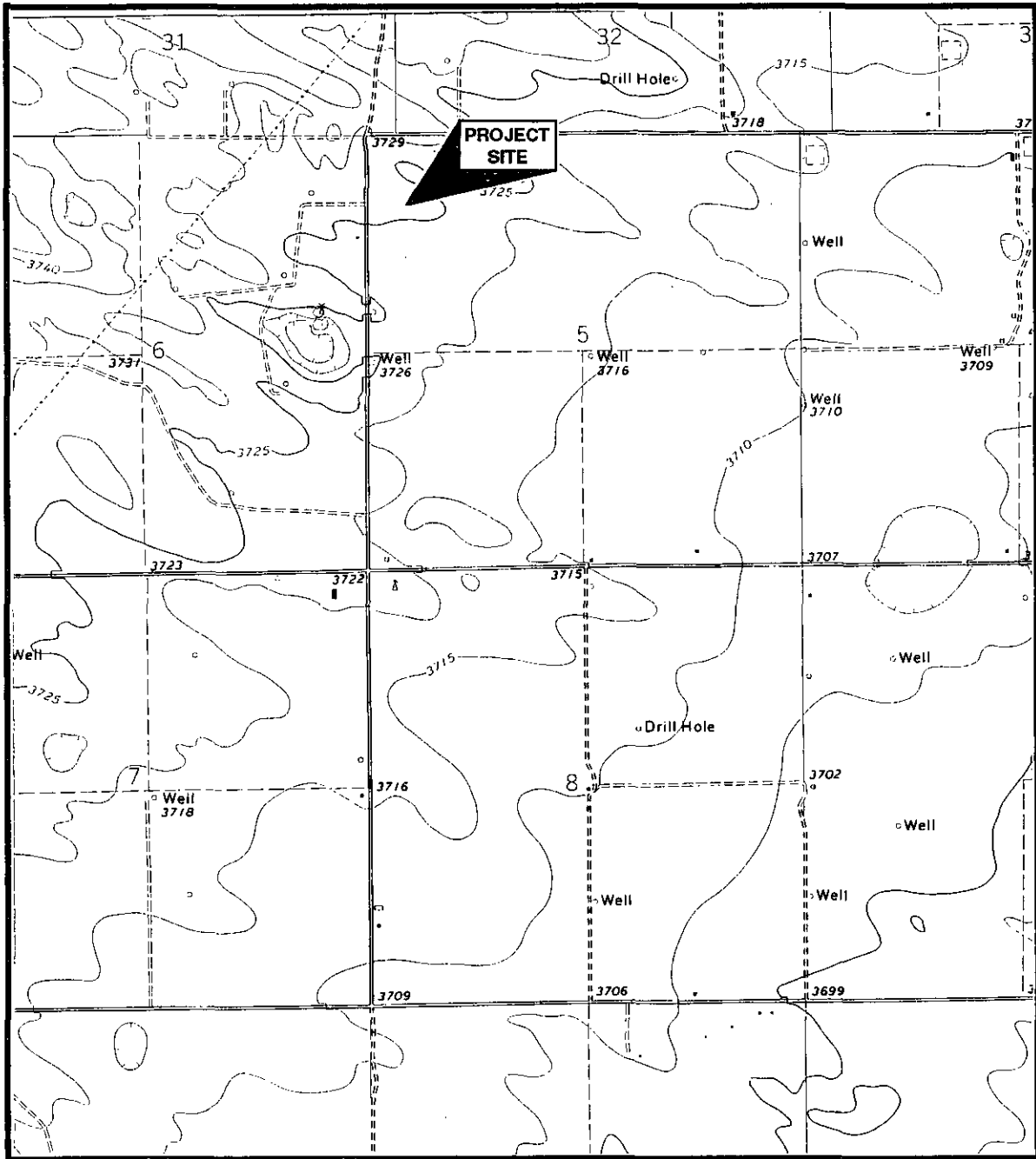
## CLOSURE SUMMARY

The following can be summarized from field and laboratory data:

- in accordance with OCD instructions, soil impacted by TNMPL's release was excavated, stockpiled, and landfarmed off-site
- due to the pre-existing hydrocarbon impact to soils at the maximum extent of TNMPL's excavation, confirmation sampling was not performed

Based on activities completed at the site and concurrence of the current facility operator, TNMPL requests that this release site be closed under OCD regulations.

**HUMBLE CITY QUADRANGLE**  
**NEW MEXICO - LEA CO.**  
 7.5 MINUTE SERIES (TOPOGRAPHIC)



**SITE LOCATION MAP**

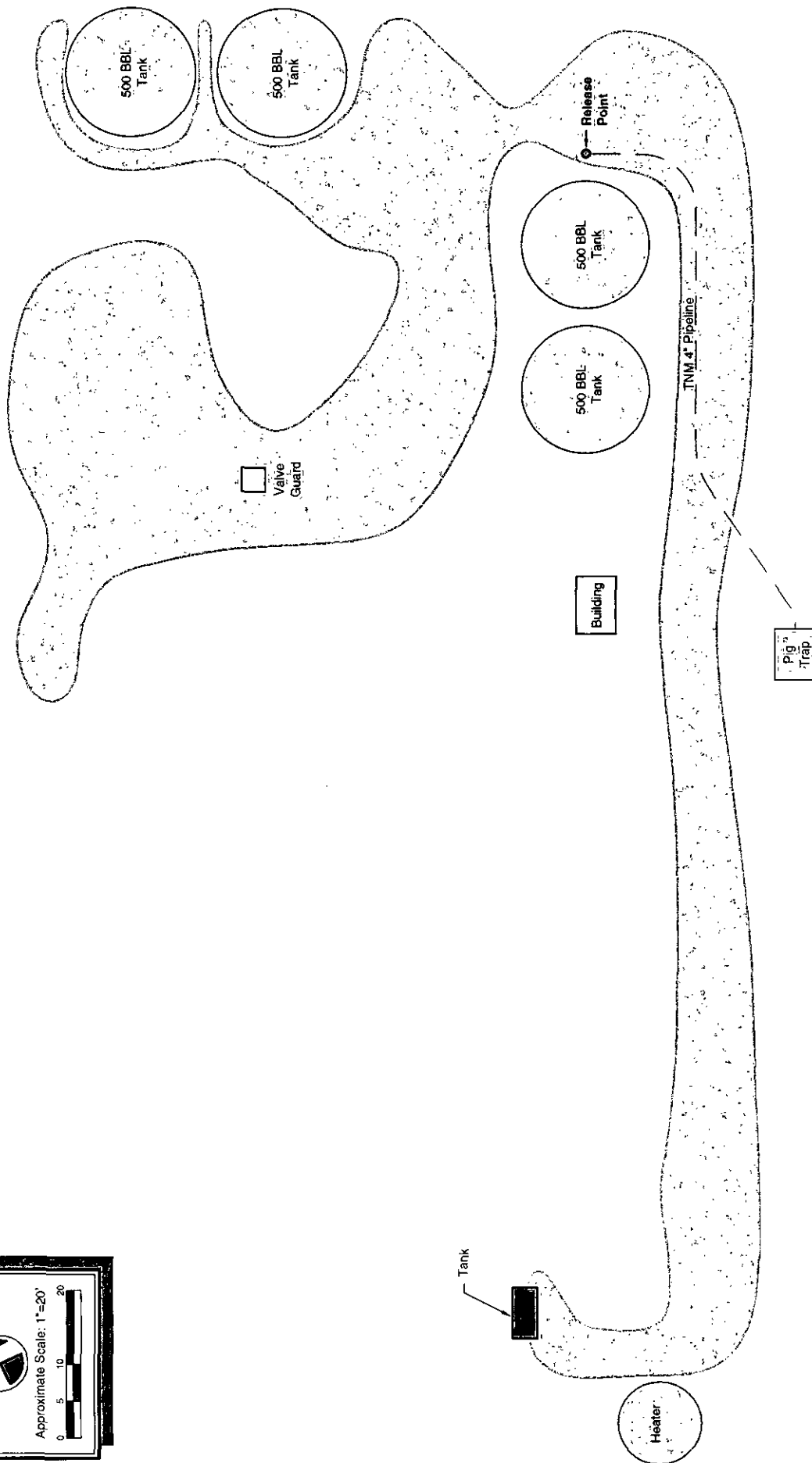
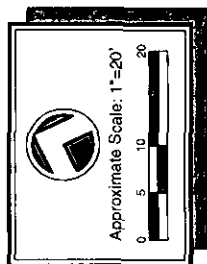
TEXAS-NEW MEXICO PIPE LINE CO.

TNM-98-17

LEA COUNTY, NEW MEXICO

810047-1-0

FIG 1



LEGEND	
	Excavated Slam Area

	SITE PLAN		810047-1-0
	TEXAS-NEW MEXICO PIPE LINE CO.	TNM-98-17	LEA COUNTY, NEW MEXICO
			FIG 2



# ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI

ATTN: THERESA NIX & M. HAWTHORNE

5309 WURZBACH SUITE 100

SAN ANTONIO, TEXAS 78238

FAX: 210-680-3763

FAX: 505-738-9006

Receiving Date: 09/08/98

Sample Type: Soil

Project #: TNM 98-17

Project Location: Lea County, N.M.

Analysis Date: 09/08/98

Sampling Date: 09/08/98

Sample Condition: Intact/Iced

ELT#	FIELD CODE	TPH (DRO) C10-C28 mg/kg
15373	TNM 98-17	27,411

QUALITY CONTROL

474

TRUE VALUE

503

% PRECISION

94

RPD

0

METHODS: SW 846- 8015m DRO

  
Raland K. Tuttle

9-9-98  
Date

### CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Ken Wilber

Phone #: (505) 396-9955

738-9006 (505)

ORIGINAL NWS

## ! many people

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**Abstract**

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## Life Insurance

**President Bill Clinton**

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**NOTE:** MAY CALL TO RUN SPLT

Will call w/po# 810047-1-0

Ken Dutton

1100 W. Valley Sur, Apt. B

Hobbs, NM 88240

**C & C LANDFARM, INC.**

BOX 55

MONUMENT, NEW MEXICO 88265

PHONE: (505) 397-2045

(505) 397-2860

(505) 392-2236

001962

24.00

COMPANY NAME

Egerton Pipeline Co

COMPANY REPRESENTATIVE NAME

B. Blackwood

LEASE NAME

Osborn Hens (Matty Price)

SEC.

TOWNSHIP

RANGE

TRUCKING COMPANY NAME

Merdy

DRIVERS SIGNATURE

TYPE OF MATERIAL BEING HAULED AND QUANTITY

196 ydsCity Dirt

COPY OF ANALYSIS ATTACHED, IF REQUIRED

Yes No

TPHC

2.7411

BENZENE

TOLUENE

ETHYL BENZENE

PARA XYLENE

ATTENDANT ON DUTY

Don Cooper

DATE

9-21-98

02-97-501-500-0125-1701