

CLOSURE REPORT

The logo for 'kei' is displayed in a stylized, lowercase font. The letters are white with a black outline, set against a dark, textured background that resembles a halftone or stippled pattern. The 'k' and 'e' are connected, and the 'i' has a distinct dot.

RECEIVED

MAY 10 1999

ENVIRONMENTAL BUREAU
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



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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:

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1670 BROADWAY
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PREPARED BY:

KEI

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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.

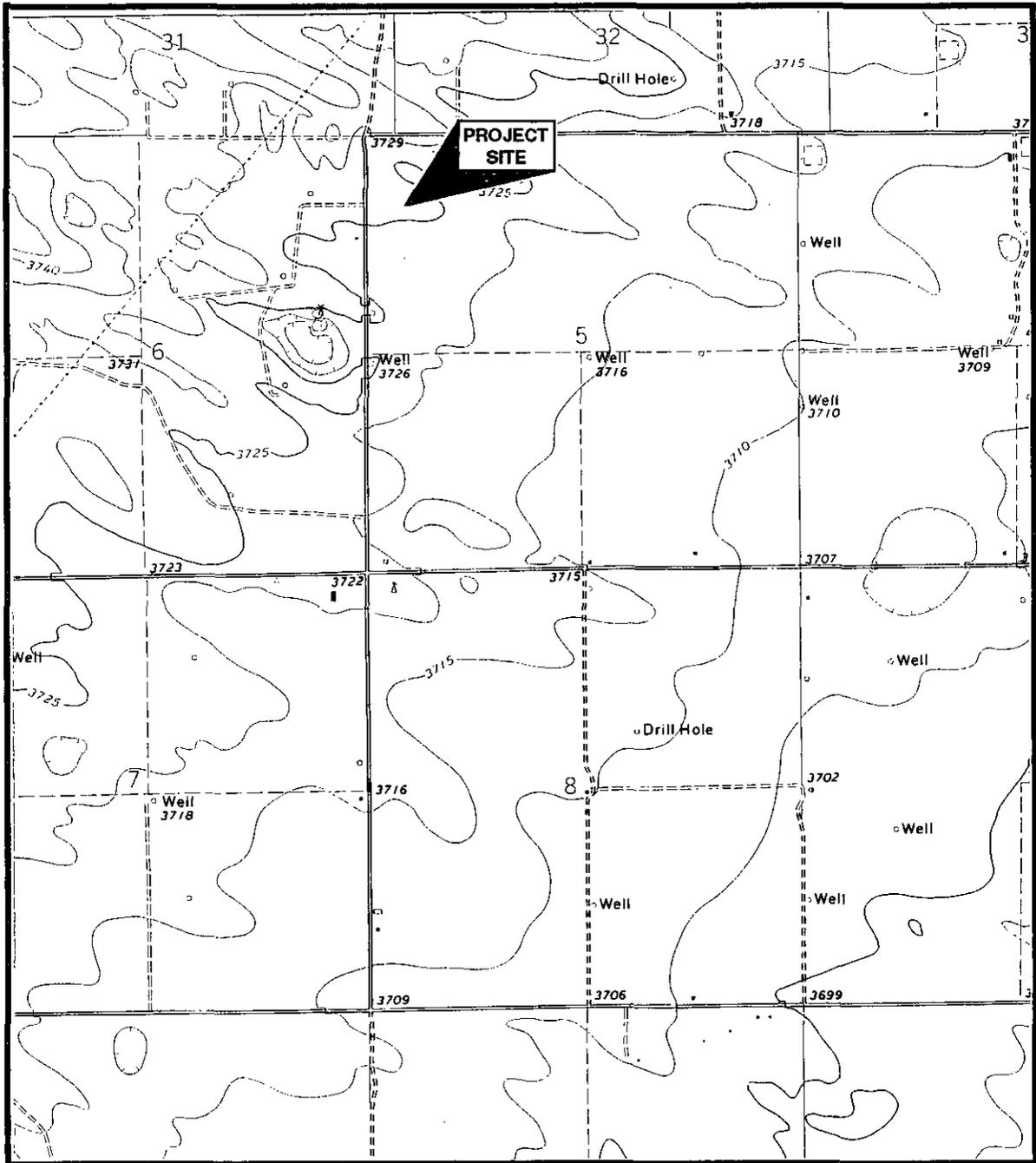
CLOSURE SUMMARY

The following can be summarized from field and laboratory data:

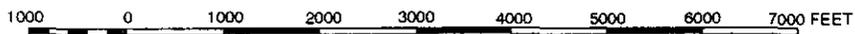
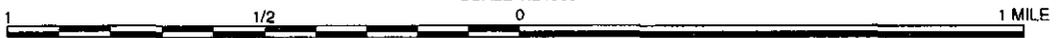
- in accordance with OCD instructions, soil impacted by TNMPL's release was excavated, stockpiled, and landfarmed off-site
- due to the pre-existing hydrocarbon impact to soils at the maximum extent of TNMPL's excavation, confirmation sampling was not performed

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)



SCALE 1:24000



CONTOUR INTERVAL 5 FEET



SITE LOCATION MAP

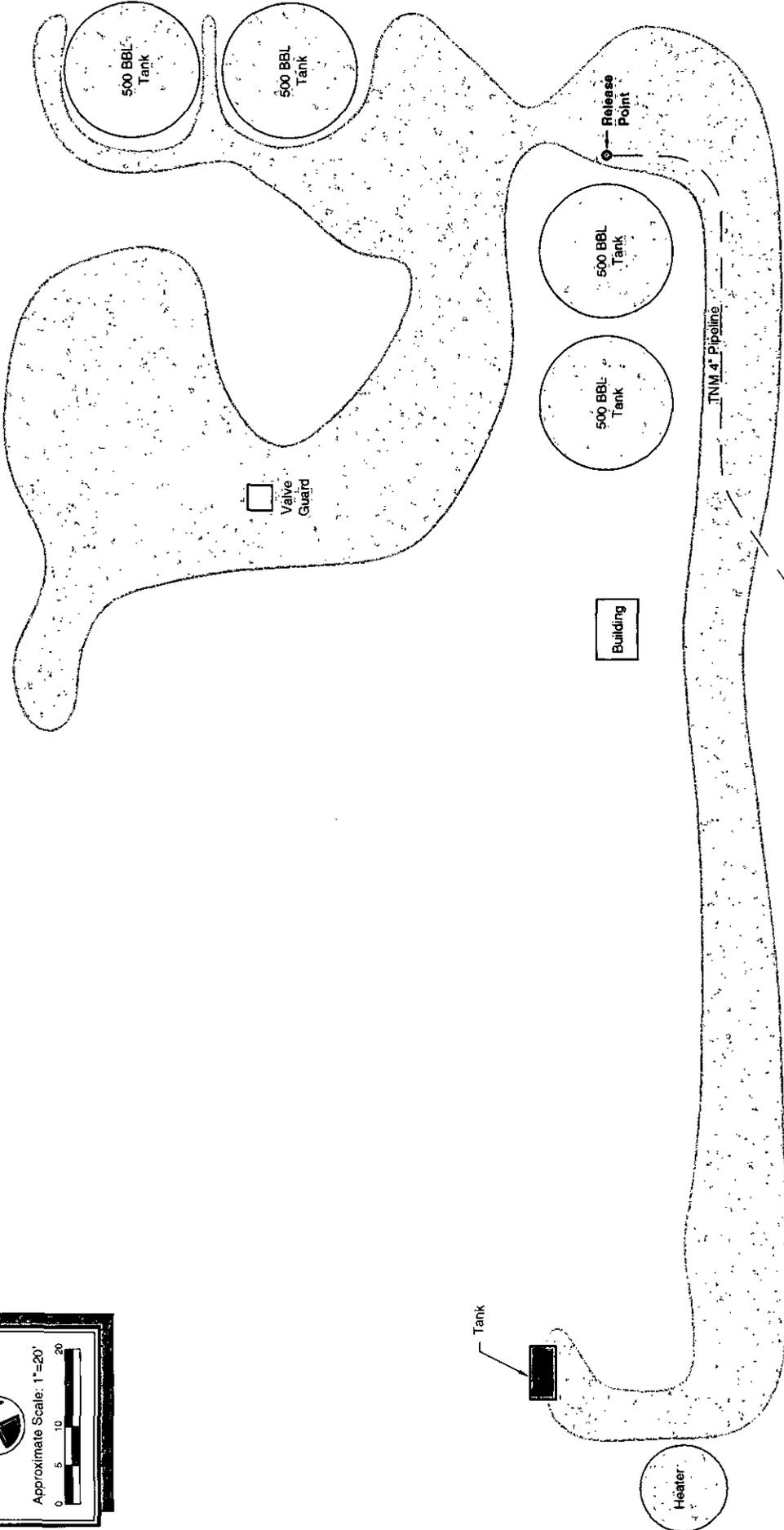
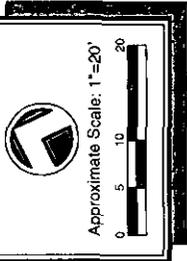
TEXAS-NEW MEXICO PIPE LINE CO.

TNM-98-17

LEA COUNTY, NEW MEXICO

810047-1-0

FIG 1



LEGEND

Excavated Stain Area

810047-1-0

FIG 2

SITE PLAN

TEXAS-NEW MEXICO PIPE LINE CO. TNM-98-17 LEA COUNTY, NEW MEXICO



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

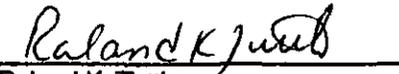
Receiving Date: 09/08/98
Sample Type: Soil
Project #: TNM 98-17
Project Location: Lea County, N.M.

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

C & C LANDFARM, INC.
BOX 55
MONUMENT, NEW MEXICO 88265
PHONE: (505) 397-2045
(505) 397-2860
(505) 392-2236

24.00

001962

COMPANY NAME Egerton Pipeline Co
 COMPANY REPRESENTATIVE NAME B. Blackwood
 LEASE NAME Arbacia Hens (Marty Price)

SEC. TOWNSHIP RANGE

TRUCKING COMPANY NAME Merdy

DRIVERS SIGNATURE _____

TYPE OF MATERIAL BEING HAULED AND QUANTITY 196 yds
City 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

02-97-5br.-500-bk25-1701