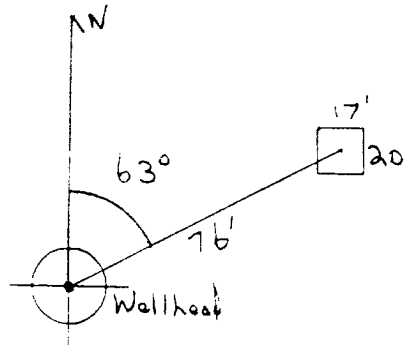




### ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 63° Footage from Wellhead 76'  
 b) Length : 20' Width : 17' Depth : 4'



ORIGINAL PIT LOCATION

### REMARKS :

Pictures @ 1344 (17-20)  
Dump Truck

REMARKS

Completed By:

Cory Chase  
 Signature

5/20/94  
 Date

# FIELD PIT REMEDIATION/CLOSURE FORM

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GENERAL</b>            | <p>Meter: <u>733 58</u> Location: <u>Hardie "E" #4</u></p> <p>Coordinates: Letter: <u>4</u> Section <u>16</u> Township: <u>28</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>6/10/94</u> Area: <u>13</u> Run: <u>62</u></p>                                                                                                                                                                                                                                       |
| <b>FIELD OBSERVATIONS</b> | <p>Sample Number(s): <u>SP31</u></p> <p>Sample Depth: <u>10</u> Feet</p> <p>Final PID Reading <u>134 ppm</u> PID Reading Depth <u>10</u> Feet</p> <p style="text-align: center;">Yes      No</p> <p>Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth _____ Feet</p>                                                                                                                                                                        |
| <b>CLOSURE</b>            | <p>Remediation Method :</p> <p>Excavation <input checked="" type="checkbox"/> (1) Approx. Cubic Yards <u>40</u></p> <p>Onsite Bioremediation <input type="checkbox"/> (2)</p> <p>Backfill Pit Without Excavation <input type="checkbox"/> (3)</p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (3) Terra</p> <p>Other Facility <input type="checkbox"/> (2) Name: _____</p> <p>Pit Closure Date: <u>6/10/94</u> Pit Closed By: <u>BEI</u></p> |
| <b>REMARKS</b>            | <p>Remarks : <u>Started remediating pit to 12' hit clay, hard shell at 10 ft. Took VC sample meter reading was 134 ppm at 87" closed pit.</u></p>                                                                                                                                                                                                                                                                                                                                                        |
|                           | <p>Signature of Specialist: <u>James J. Ferroc</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



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## FIELD SERVICES LABORATORY

## ANALYTICAL REPORT

## PIT CLOSURE PROJECT - Soil

## SAMPLE IDENTIFICATION

|                            | Field ID | Lab ID                    |
|----------------------------|----------|---------------------------|
| SAMPLE NUMBER:             | JP 31    | 945427                    |
| MTR CODE   SITE NAME:      | 73358    | N/A                       |
| SAMPLE DATE   TIME (Hrs):  | 6-10-94  | 1310                      |
| SAMPLED BY:                | N/A      |                           |
| DATE OF TPH EXT.   ANAL.:  | 6-13-94  | 6/13/94                   |
| DATE OF BTEX EXT.   ANAL.: | 6/15/94  | 6/18/94                   |
| TYPE   DESCRIPTION:        | VC       | (+ Grey coarse sand/clay) |

REMARKS:

## RESULTS

| PARAMETER      | RESULT | UNITS | QUALIFIERS |   |      |       |
|----------------|--------|-------|------------|---|------|-------|
|                |        |       | DF         | Q | M(g) | V(ml) |
| BENZENE        | 10.50  | MG/KG | 20         |   |      |       |
| TOLUENE        | 40.50  | MG/KG | 20         |   |      |       |
| ETHYL BENZENE  | 4.5    | MG/KG | 20         |   |      |       |
| TOTAL XYLENES  | 33     | MG/KG | 20         |   |      |       |
| TOTAL BTEX     | 39     | MG/KG |            |   |      |       |
| TPH (418.1)    | 410    | MG/KG |            |   | 2.05 | 2P    |
| HEADSPACE PID  | 134    | PPM   |            |   |      |       |
| PERCENT SOLIDS | 90.2   | %     |            |   |      |       |

- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 -

The Surrogate Recovery was at 154 % for this sample All QA/QC was acceptable.

Narrative:

ATI results attached. Surrogate recovery was outside  
ATI QC limits due to matrix interference.

DF = Dilution Factor Used

Approved By:

XR

Date:

7/17/11



Analytical **Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107  
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 406351

June 21, 1994

El Paso Natural Gas Company  
P.O. Box 4990  
Farmington, NM 87499

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 06/14/94, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.  
Project Manager

H. Mitchell Rubenstein, Ph.D.  
Laboratory Manager

MR:jd

Enclosure

# GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)  
 CLIENT : EL PASO NATURAL GAS CO. ATI I.D.: 406351  
 PROJECT # : 24324  
 PROJECT NAME : PIT CLOSURE

| SAMPLE ID. # | CLIENT I.D. | MATRIX | DATE SAMPLED | DATE EXTRACTED | DATE ANALYZED | DIL. FACTOR |
|--------------|-------------|--------|--------------|----------------|---------------|-------------|
| 28           | 945427      | NON-AQ | 06/10/94     | 06/15/94       | 06/18/94      | 20          |
| 29           | 945428      | NON-AQ | 06/10/94     | 06/15/94       | 06/18/94      | 1           |

| PARAMETER     | UNITS | 28    | 29     |
|---------------|-------|-------|--------|
| BENZENE       | MG/KG | <0.50 | <0.025 |
| TOLUENE       | MG/KG | <0.50 | 0.041  |
| ETHYLBENZENE  | MG/KG | 4.5   | <0.025 |
| TOTAL XYLENES | MG/KG | 33    | 0.034  |

## SURROGATE:

BROMOFLUOROBENZENE (%) 154\* 98

\*OUTSIDE ATI QUALITY CONTROL LIMITS DUE TO MATRIX INTERFERENCE