

### FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 89-853 Location: Riddle CLS 3A  
 Operator #: 0203 Operator Name: Amoco Production P/L District: Aztec  
 Coordinates: Letter: F Section 29 Township: 31 Range: 9  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: X Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 8/30/94 Area: 04 Run: 83

SITE ASSESSMENT

#### NMOCD Zone:

(From NMOCD Maps)

Inside

Outside

#### Land Type:

BLM ☒ (1)

State ☐ (2)

Fee ☐ (3)

Indian ☐ (4)

#### Depth to Groundwater

Less Than 50 Feet (20 points) ☒ (1)

50 Ft to 99 Ft (10 points) ☐ (2)

Greater Than 100 Ft (0 points) ☐ (3)

#### Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

#### Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☒ (1)

200 Ft to 1000 Ft (10 points) ☐ (2)

Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body Cabin Canyon

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)  
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 40 POINTS

REMARKS

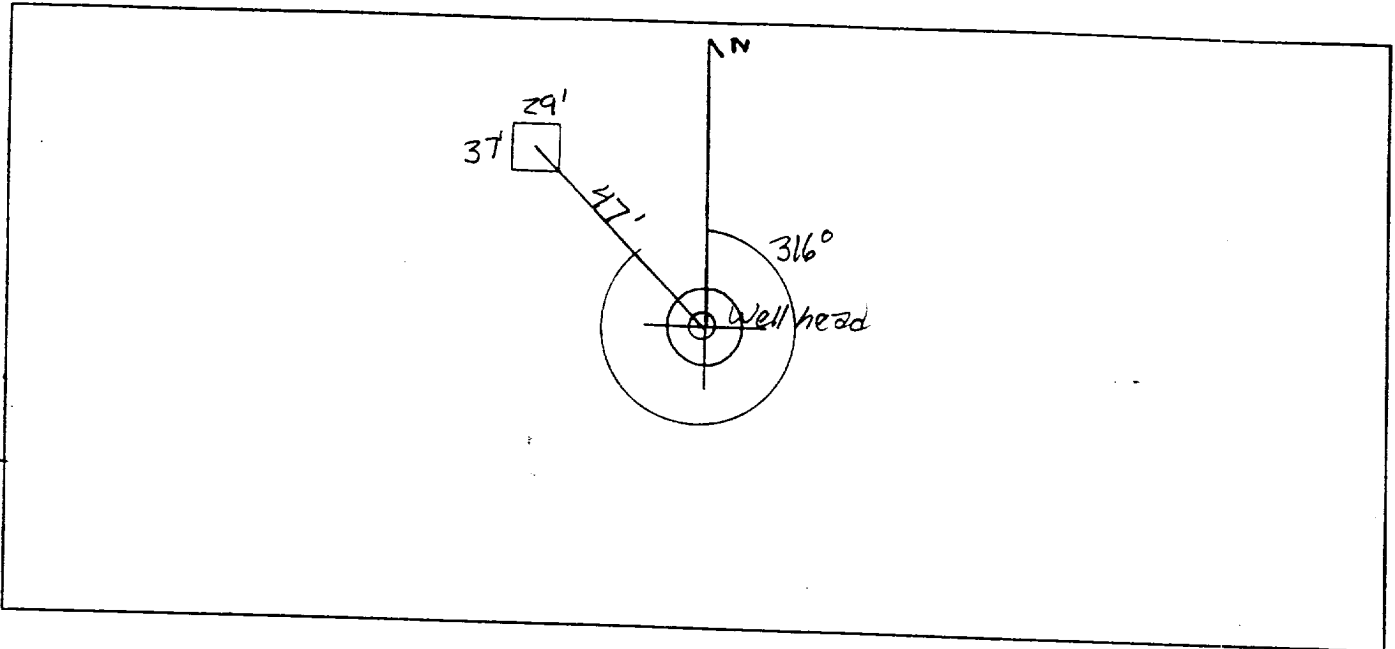
Remarks : Redline Book - Inside Vulnerable Zone Type - Inside  
Six pits, location drip pit is dry. Will close one pit.

DIG & HAUL

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 316° Footage from Wellhead 47'  
 b) Length : 37' Width : 29' Depth : 6'

ORIGINAL PIT LOCATION



## Remarks :

Pictures @ 1138 (17-20, Roll 12)  
 Dump Truck

REMARKS

Completed By:

Mark Kelly  
 Signature

8/30/94  
 Date

# FIELD PIT REMEDIATION/CLOSURE FORM

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GENERAL</b>            | Meter: <u>89853</u> Location: <u>Riddle CLS 3A</u><br>Coordinates: Letter: <u>F</u> Section <u>29</u> Township: <u>31</u> Range: <u>9</u><br>Or Latitude _____ Longitude _____<br>Date Started : <u>9/15/94</u> Run: <u>04</u> <u>83</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>FIELD OBSERVATIONS</b> | Sample Number(s): <u>KD 260</u><br>Sample Depth: <u>12'</u> Feet<br>Final PID Reading <u>2 ppm</u> PID Reading Depth _____ Feet<br><div style="text-align: center;">Yes      No</div> Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>CLOSURE</b>            | Remediation Method :<br><div style="display: flex; justify-content: space-between;"> <div>           Excavation<br/>           Onsite Bioremediation<br/>           Backfill Pit Without Excavation         </div> <div style="text-align: right;"> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br/>           Approx. Cubic Yards <u>130</u> </div> </div> Soil Disposition:<br><div style="display: flex; justify-content: space-between;"> <div>           Envirotech<br/>           Other Facility         </div> <div style="text-align: right;"> <input type="checkbox"/> <input checked="" type="checkbox"/><br/>           Name: _____         </div> </div> Pit Closure Date: <u>9/15/94</u> Pit Closed By: <u>BEI</u> |
| <b>REMARKS</b>            | Remarks : <u>Excavated pit to 12', took PID sample</u><br><u>closed pit. Contamination ended at approximately 11-12 feet.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                           | Signature of Specialist: <u>King Damm</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



## FIELD SERVICES LABORATORY

### ANALYTICAL REPORT

#### PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

#### SAMPLE IDENTIFICATION

SAMPLE NUMBER:

Field ID

Lab ID

MTR CODE | SITE NAME:

SAMPLE DATE | TIME (Hrs):

SAMPLED BY:

DATE OF TPH EXT. | ANAL.:

DATE OF BTEX EXT. | ANAL.:

TYPE | DESCRIPTION:

KD 260

946129

89853

N/A

9-15-94

1325

N/A

9/20/94

9/20/94

9/22/94

9/23/94

VL

DARK BROWN CLAY

REMARKS:

#### RESULTS

| PARAMETER      | RESULT | UNITS | QUALIFIERS |   |      |       |
|----------------|--------|-------|------------|---|------|-------|
|                |        |       | DF         | Q | M(g) | V(ml) |
| BENZENE        | 0.025  | MG/KG | 1          |   |      |       |
| TOLUENE        | 0.091  | MG/KG | 1          |   |      |       |
| ETHYL BENZENE  | 0.025  | MG/KG | 1          |   |      |       |
| TOTAL XYLENES  | 0.15   | MG/KG | 1          |   |      |       |
| TOTAL BTEX     | 0.29   | MG/KG |            |   |      |       |
| TPH (418.1)    | 16.1   | MG/KG |            |   | 2.16 | 28    |
| HEADSPACE PID  | 2      | PPM   |            |   |      |       |
| PERCENT SOLIDS | 86.3   | %     |            |   |      |       |

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

The Surrogate Recovery was at 91 % for this sample All QA/QC was acceptable.  
Narrative:

AT 1 Results attached.

DF = Dilution Factor Used

Approved By:

Date:

10/23/94



Analytical **Technologies**, Inc.

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

ATI I.D. 409389

September 19, 1994

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

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 09/21/94, 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:jt

Enclosure



## GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)  
CLIENT : EL PASO NATURAL GAS ATI I.D.: 409389  
PROJECT # : 24324  
PROJECT NAME : PIT CLOSURE

| SAMPLE ID. #  | CLIENT I.D. | MATRIX | DATE SAMPLED | DATE EXTRACTED | DATE ANALYZED | DIL. FACTOR |
|---------------|-------------|--------|--------------|----------------|---------------|-------------|
| 01            | 946127      | NON-AQ | 09/15/94     | 09/22/94       | 09/23/94      | 1           |
| 02            | 946128      | NON-AQ | 09/15/94     | 09/22/94       | 09/23/94      | 1           |
| 03            | 946129      | NON-AQ | 09/15/94     | 09/22/94       | 09/23/94      | 1           |
| PARAMETER     |             |        | UNITS        | 01             | 02            | 03          |
| BENZENE       |             |        | MG/KG        | <0.025         | 0.039         | <0.025      |
| TOLUENE       |             |        | MG/KG        | 0.040          | 0.78          | 0.091       |
| ETHYLBENZENE  |             |        | MG/KG        | <0.025         | 0.26          | <0.025      |
| TOTAL XYLENES |             |        | MG/KG        | 0.066          | 3.8           | 0.15        |

## SURROGATE:

|                        |    |    |    |
|------------------------|----|----|----|
| BROMOFLUOROBENZENE (%) | 93 | 70 | 91 |
|------------------------|----|----|----|