

**EL PASO FIELD SERVICES  
PRODUCTION PIT CLOSURE**

De hy

Jones ALS #100  
Meter/Line ID - 70963

RISK-bedrock  
RECEIVED  
DEC 21 1994

**SITE DETAILS**

Legals - Twn: 28N  
NMOCD Hazard Ranking: 0  
Operator: Amoco

Rng: 8W

Sec: 10  
Land Type: BLM  
Pit Closure Date: 8/1/94

0119

**RATIONALE FOR RISK-BASED CLOSURE**

The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A test pit was excavated to 7' where sandstone was encountered. The excavation was terminated at 7' and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 291 ppm; laboratory analysis indicated a TPH concentration of 2360 mg/kg.

El Paso Field Services Company (EPFS) requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over five years.
- Bedrock was encountered in the test excavation at seven feet below ground surface making remediation impractical.
- The test pit was backfilled with clean soil and the former pit area graded to direct surface runoff away from the former pit.
- Source material has been removed from the ground surface, eliminating potential direct contact with livestock and the public.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 100 feet; therefore, impact to groundwater is unlikely.
- There are no water supply wells or potential surface water receptors within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade by natural attenuation with minimal risk to the environment.

**ATTACHMENT**

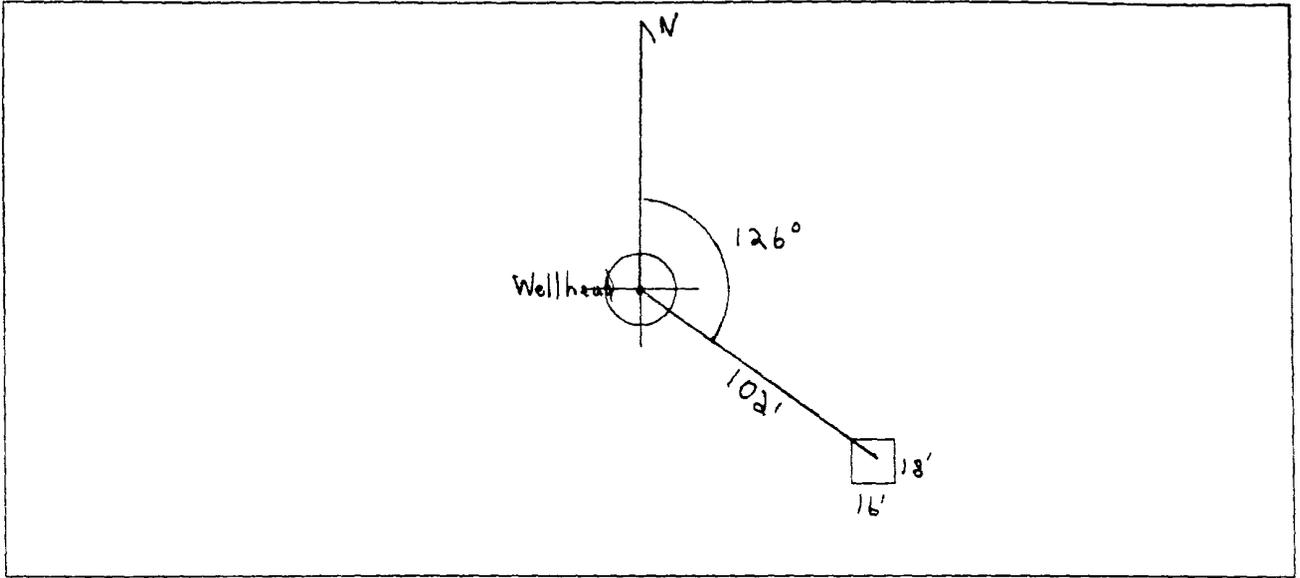
Revised Field Pit Assessment Form  
Field Pit Remediation/Closure Form

Field Pit Assessment Form  
Laboratory Analytical Results

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 126° Footage from Wellhead 102'  
b) Length : 18' Width : 16' Depth : 5'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

Pictures @ 1528 (10-13)  
Dump Truck

Completed By:

Cory Lane  
Signature

5/20/04  
Date

✓

**REVISED**  
FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 70963 Location: Jones A1  
 Operator #: \_\_\_\_\_ Operator Name: \_\_\_\_\_ P/L District: \_\_\_\_\_  
 Coordinates: Letter: N Section 10 Township: 28 Range: 8  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: \_\_\_\_\_ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 2/12/98 Area: \_\_\_\_\_ Run: \_\_\_\_\_

SITE ASSESSMENT

**NMOCD Zone:** (From NMOCD Maps) **Land Type:** BLM  (1)  
 State \_\_\_\_\_ (2)  
 Fee \_\_\_\_\_ (3)  
 Indian \_\_\_\_\_

**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 \_\_\_\_\_  
 (Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)  
 Distance to Nearest Ephemeral Stream \_\_\_\_\_ (1) < 100' (Navajo Pits Only)  
 \_\_\_\_\_ (2) > 100'

TOTAL HAZARD RANKING SCORE: 0 POINTS

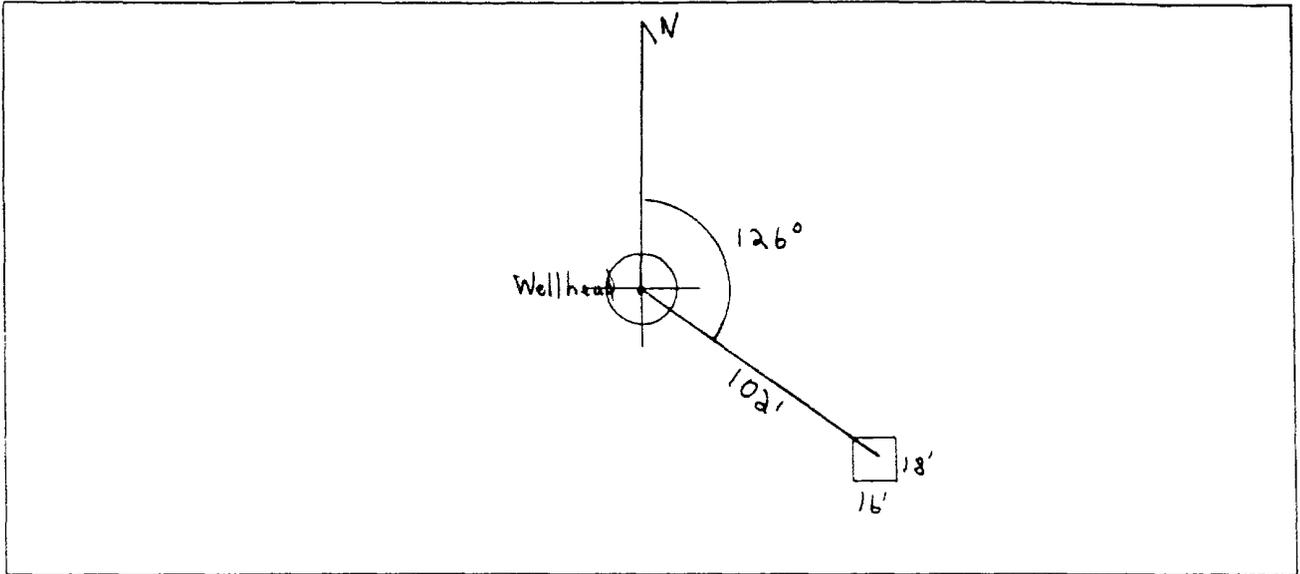
REMARKS

Remarks : Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is >1000' to the center of Jasis Canyon.

ORIGINAL PIT LOCATION

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ORIGINAL PIT LOCATION



REMARKS

Remarks :

Pictures @ 1528 (10-13)

Dump Truck

Completed By:

Cory Chase  
Signature

5/20/09  
Date

# FIELD PIT REMEDIATION/CLOSURE FORM

|                           |  |
|---------------------------|--|
| <b>GENERAL</b>            | Meter: <u>70963</u> Location: <u>Jones A #1</u><br>Coordinates: Letter: <u>N</u> Section <u>10</u> Township: <u>28</u> Range: <u>8</u><br>Or Latitude _____ Longitude _____<br>Date Started : <u>8-1-94</u> Run: <u>13</u> <u>62</u>   |
| <b>FIELD OBSERVATIONS</b> | Sample Number(s): <u>MK 200</u><br>Sample Depth: <u>7'</u> Feet<br>Final PID Reading <u>291</u> PID Reading Depth <u>7'</u> Feet<br>Groundwater Encountered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Approximate Depth _____ Feet  |
| <b>CLOSURE</b>            | Remediation Method :<br>Excavation <input type="checkbox"/> Approx. Cubic Yards _____<br>Onsite Bioremediation <input type="checkbox"/><br>Backfill Pit Without Excavation <input checked="" type="checkbox"/><br>Soil Disposition:<br>Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/><br>Other Facility <input type="checkbox"/> Name: _____<br>Pit Closure Date: <u>8-1-94</u> Pit Closed By: <u>DEI</u> |
| <b>REMARKS</b>            | Remarks : <u>EPNG lines marked Soil Grayish Brown Strong</u><br><u>Hydrocarbon odor Hit Sandstone 7'</u>   |
|                           | Signature of Specialist: <u>Morgan Killian</u>   |

# El Paso Natural Gas Company

## FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Soil

### SAMPLE IDENTIFICATION

|                            | Field ID | Lab ID          |
|----------------------------|----------|-----------------|
| SAMPLE NUMBER:             | MK 200   | 945805          |
| MTR CODE   SITE NAME:      | 70963    | N/A             |
| SAMPLE DATE   TIME (Hrs):  | 8-1-94   | 1108            |
| SAMPLED BY:                | N/A      |                 |
| DATE OF TPH EXT.   ANAL.:  | 8-2-94   | 8-2-94          |
| DATE OF BTEX EXT.   ANAL.: | N/A      | N/A             |
| TYPE   DESCRIPTION:        | VG       | Brown Sand/Clay |

REMARKS: \_\_\_\_\_

### RESULTS

| PARAMETER      | RESULT | UNITS | QUALIFIERS |   |      |       |
|----------------|--------|-------|------------|---|------|-------|
|                |        |       | DF         | Q | M(g) | V(ml) |
| BENZENE        |        | MG/KG |            |   |      |       |
| TOLUENE        |        | MG/KG |            |   |      |       |
| ETHYL BENZENE  |        | MG/KG |            |   |      |       |
| TOTAL XYLENES  |        | MG/KG |            |   |      |       |
| TOTAL BTEX     |        | MG/KG |            |   |      |       |
| TPH (418.1)    | 2360   | MG/KG |            |   | 2.06 | 28    |
| HEADSPACE PID  | 291    | PPM   |            |   |      |       |
| PERCENT SOLIDS | 89.1   | %     |            |   |      |       |

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

The Surrogate Recovery was at  
arrative:

N/A

% for this sample All QA/QC was acceptable.

DF = Dilution Factor Used

Approved By: \_\_\_\_\_

*J.S.*

Date: \_\_\_\_\_

8/12/94