

**EL PASO FIELD SERVICES  
PRODUCTION PIT CLOSURE**

De hy  
Price 2E  
Meter/Line ID - 94799

Risk-bedrock  
RECEIVED  
DEC 21 1999

**SITE DETAILS**

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

Rng: 8W

Sec: 13 Unit: B  
Land Type: BLM  
Pit Closure Date: 8/4/94

OIL & GAS DIV.  
DIST. 3

**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 4' where sandstone was encountered. The excavation was terminated at 4' 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 288 ppm; laboratory analysis indicated a TPH concentration of 3850 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 four 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

**REVISED**  
**FIELD PIT SITE ASSESSMENT FORM**

<b>GENERAL</b>	<p>Meter: <u>94799</u> Location: <u>Price 2E</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>B</u> Section <u>13</u> Township: <u>28</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/14/98</u> Area: _____ Run: _____</p>
<b>SITE ASSESSMENT</b>	<p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p style="margin-left: 150px;"><b>Land Type:</b></p> <div style="display: flex; justify-content: space-between;"> <div> <p>Inside <input type="checkbox"/> (1)</p> <p>Outside <input checked="" type="checkbox"/> (2)</p> </div> <div> <p>BLM <input checked="" type="checkbox"/> (1)</p> <p>State <input type="checkbox"/> (2)</p> <p>Fee <input type="checkbox"/> (3)</p> <p>Indian _____</p> </div> </div> <p><b>Depth to Groundwater</b></p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p>50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p><b>Wellhead Protection Area</b></p> <p>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?</p> <p style="text-align: center;"><input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p><b>Horizontal Distance to Surface Water Body</b></p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only)</p> <p style="margin-left: 150px;"><input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>0</u> <b>POINTS</b></p>
<b>REMARKS</b>	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is on Jasis Mesa. Site is &gt; 100' vertical from center of Vallejo Canyon</u></p>

# FIELD PIT SITE ASSESSMENT FORM

## GENERAL

Meter: 94799 Location: Price 2E  
 Operator #: 0203 Operator Name: Amato P/L District: Blanco  
 Coordinates: Letter: B Section 13 Township: 28 Range: 8  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator ☒ Location Drip: \_\_\_\_\_ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 6/9/94 Area: 13 Run: 42

## SITE ASSESSMENT

### NMOCD Zone:

(From NMOCD  
Maps)

Inside

Outside

☐ (1)

☒ (2)

### 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 Vallejo 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: 30 POINTS

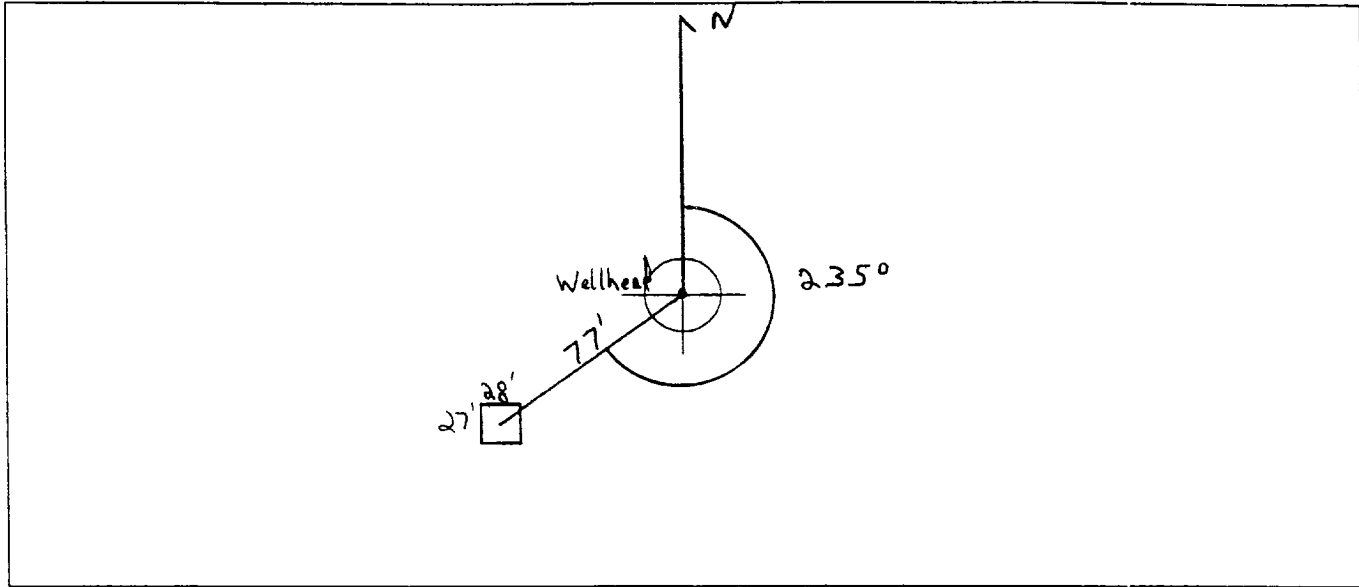
## REMARKS

Remarks : Redline + Voln - Outside  
3 pits. Will close. Pit Dry. Dehy still on pit. Not transferred to operator  
according to Dehy Book. Dehy appears to be still connected to meter house, but does  
not appear to be operating  
DIRECTOR

### ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 235° Footage from Wellhead 77'  
b) Length : 28' Width : 27' - Depth : 5'

ORIGINAL PIT LOCATION



### Remarks :

Pictures @ 1027 (10-15)  
Dump Truck

REMARKS

Completed By:

Cory Chase  
Signature

6/9/94  
Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>94799</u> Location: <u>Price 2E</u> Coordinates: Letter: <u>B</u> Section <u>13</u> Township: <u>28</u> Range: <u>8</u> Or Latitude _____ Longitude _____ Date Started : _____ Run: <u>13</u> <u>42</u>
FIELD OBSERVATIONS	Sample Number(s): <u>BK226</u> Sample Depth: <u>4'</u> Feet Final PID Reading <u>288</u> PID Reading Depth <u>4'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation <input type="checkbox"/> Approx. Cubic Yards _____ Onsite Bioremediation <input type="checkbox"/> Backfill Pit Without Excavation <input checked="" type="checkbox"/> Soil Disposition: Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/> Other Facility <input type="checkbox"/> Name: _____ Pit Closure Date: <u>8-4-94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>EPNE LINES NOT MARKED SOIL GRAYISH BROWN</u> <u>Strong Hydrocarbon odor Hit sandstone 4'</u>
	Signature of Specialist: <u>Morgan Hillen</u>



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

**SAMPLE IDENTIFICATION**

	Field ID	Lab ID
SAMPLE NUMBER:	mk 226	945847
MTR CODE   SITE NAME:	94799	N/A
SAMPLE DATE   TIME (Hrs):	8-4-94	1325
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	8/9/94	8/9/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Brown/grey sand

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)	3850	MG/KG			1.01	28
HEADSPACE PID	288	PPM				
PERCENT SOLIDS	92.6	%				

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

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

DF = Dilution Factor Used

Approved By: J.P.

Date: 8/12/94