

**EL PASO FIELD SERVICES**  
**PRODUCTION PIT CLOSURE** *Location D-7*

*Risk BLD*  
*outs*  
**RECEIVED**  
DEC 21 1999  
**OIL CON. DIV.**  
*DIST. 3*

**Canyon Largo Unit #115**  
**Meter/Line ID - 73720**

**SITE DETAILS**

<b>Legals - Twn: 24N</b>	<b>Rng: 6W</b>	<b>Sec: 8</b>	<b>Unit: B</b>
<b>NMOCD Hazard Ranking: 0</b>		<b>Land Type: BLM</b>	
<b>Operator: Meridian Oil</b>		<b>Pit Closure Date: 8/26/94</b>	

**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 3' where sandstone was encountered. The excavation was terminated at 3' 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 186 ppm; laboratory analysis indicated a TPH concentration of 598 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 three 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>	Meter: <u>73720</u> Location: <u>Canyon Largo Unit #115</u>
	Operator #: _____ Operator Name: _____ P/L District: _____
	Coordinates: Letter: <u>B</u> Section <u>8</u> Township: <u>24</u> Range: <u>6</u>
	Or Latitude _____ Longitude _____
	Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____
Site Assessment Date: <u>4/8/98</u> Area: _____ Run: _____	

<b>SITE ASSESSMENT</b>	<b>NMOCD Zone:</b> (From NMOCD Maps)	<b>Land Type:</b>	BLM <input checked="" type="checkbox"/> (1)
			State <input type="checkbox"/> (2)
		Inside <input type="checkbox"/> (1)	Fee <input type="checkbox"/> (3)
		Outside <input checked="" type="checkbox"/> (2)	Indian _____
	<b>Depth to Groundwater</b>		
	Less Than 50 Feet (20 points)	<input type="checkbox"/> (1)	
	50 Ft to 99 Ft (10 points)	<input type="checkbox"/> (2)	
	Greater Than 100 Ft (0 points)	<input checked="" type="checkbox"/> (3)	
	<b>Wellhead Protection Area</b>		
	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?	<input type="checkbox"/> (1) YES (20 points)	<input checked="" type="checkbox"/> (2) NO (0 points)
<b>Horizontal Distance to Surface Water Body</b>			
Less Than 200 Ft (20 points)	<input type="checkbox"/> (1)		
200 Ft to 1000 Ft (10 points)	<input type="checkbox"/> (2)		
Greater Than 1000 Ft (0 points)	<input checked="" type="checkbox"/> (3)		
Name of Surface Water Body _____			
(Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)			
Distance to Nearest Ephemeral Stream	<input type="checkbox"/> (1) < 100' (Navajo Pits Only)		
	<input type="checkbox"/> (2) > 100'		
TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS			

<b>REMARKS</b>	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. No well is shown on map in Ltr B.</u> <u>Site is &gt;100' vertical from center of Rincon Largo Canyon, using most conservative location</u>
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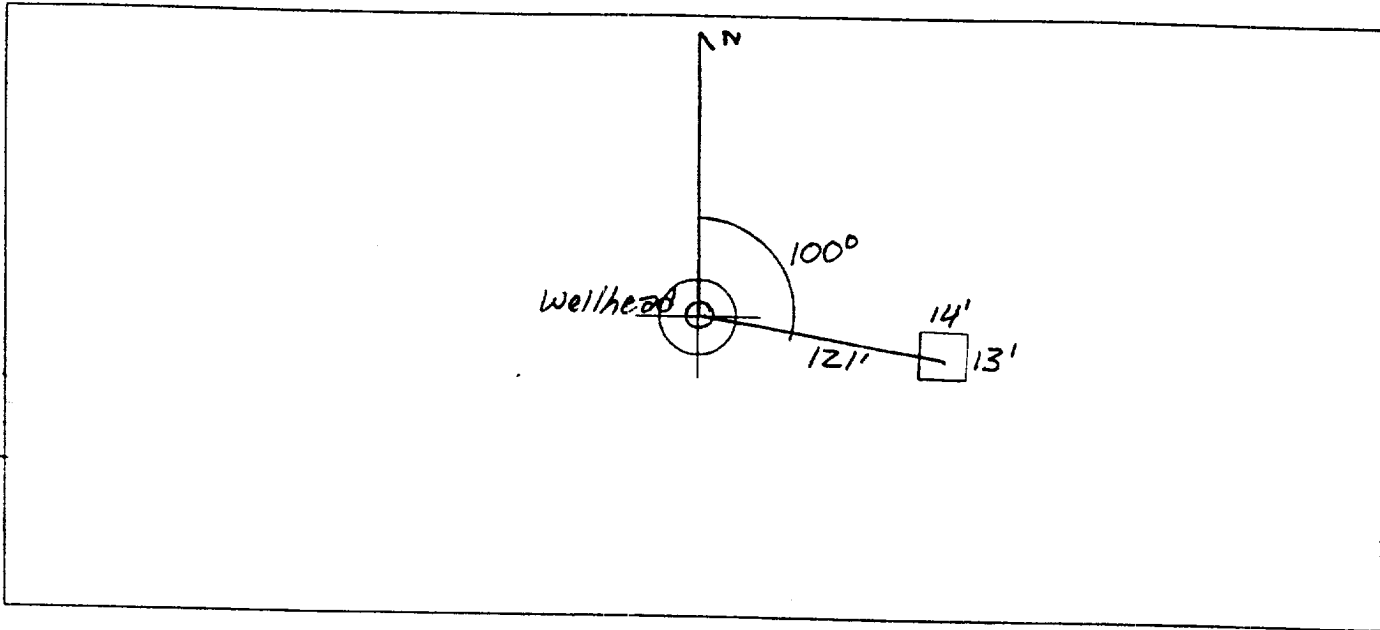
## FIELD PIT SITE ASSESSMENT FORM

<b>GENERAL</b>	<p>Meter: <u>73-720</u> Location: <u>Canyon Largo Unit 115</u></p> <p>Operator #: <u>2999</u> Operator Name: <u>Meridian</u> P/L District: <u>Ballard</u></p> <p>Coordinates: Letter: <u>B</u> Section <u>8</u> Township: <u>24</u> Range: <u>6</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>07/06/94</u> Area: <u>07</u> Run: <u>62</u></p>								
<b>SITE ASSESSMENT</b>	<p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p><b>Land Type:</b></p> <table style="margin-left: 150px;"> <tr> <td>BLM</td> <td><input checked="" type="checkbox"/> (1)</td> </tr> <tr> <td>State</td> <td><input type="checkbox"/> (2)</td> </tr> <tr> <td>Fee</td> <td><input type="checkbox"/> (3)</td> </tr> <tr> <td>Indian</td> <td>_____</td> </tr> </table> <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> 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? <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Rincon Largo</u></p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only) <input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>10</u> POINTS</p>	BLM	<input checked="" type="checkbox"/> (1)	State	<input type="checkbox"/> (2)	Fee	<input type="checkbox"/> (3)	Indian	_____
BLM	<input checked="" type="checkbox"/> (1)								
State	<input type="checkbox"/> (2)								
Fee	<input type="checkbox"/> (3)								
Indian	_____								
<b>REMARKS</b>	<p>Remarks : <u>Redline Brook - Outside Vulnerable Zone Tap - Outside</u></p> <p><u>One pit, pit is dry, will close one pit.</u></p> <p style="text-align: right; margin-right: 50px;"><u>Push In</u></p>								

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 100° Footage from Wellhead 121'  
b) Length : 14' Width : 13' Depth : 2'

ORIGINAL PIT LOCATION



REMARKS :

Pictures @ 11:17 (20-23, Roll I)

Dump Truck

Location sign gives the wrong range. (Sign says R84, real location is R6W.) Redline book shows well in unit B, topo shows well in unit G.

REMARKS

Completed By:

Sarah Kelly  
Signature

7/6/94  
Date

**FIELD IT REMEDIATION/CLOSURE FORM**

**GENERAL**

Meter: 73720 Location: CANYON Largo unit # 115  
 Coordinates: Letter: B Section 8 Township: 24 Range: 6  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Date Started : 8-26-94 Area: 07 Run: 62

**FIELD OBSERVATIONS**

Sample Number(s): MK 292  
 Sample Depth: 3' Feet  
 Final PID Reading 186 PID Reading Depth 3' Feet  
 Yes No  
 Groundwater Encountered  (1)  (2) Approximate Depth \_\_\_\_\_ Feet

**CLOSURE**

Remediation Method :

Excavation  (1) Approx. Cubic Yards \_\_\_\_\_  
 Onsite Bioremediation  (2)  
 Backfill Pit Without Excavation  (3)

Soil Disposition:

Envirotech  (1)  (3) Tierra  
 Other Facility  (2) Name: \_\_\_\_\_

Pit Closure Date: 8-26-94 Pit Closed By: BEI

**REMARKS**

Remarks : EAG lines marked soil gray slight Hydrocarbon odor Hit sandstone 3'

Signature of Specialist: Morgan Xillia



**FIELD SERVICES LABORATORY  
ANALYTICAL REPORT**

**PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone**

**SAMPLE IDENTIFICATION**

Field ID

Lab ID

SAMPLE NUMBER:

mk 298

946024

MTR CODE | SITE NAME:

73720

N/A

SAMPLE DATE | TIME (Hrs):

8/26/94

133

SAMPLED BY:

N/A

DATE OF TPH EXT. | ANAL.:

8-30-94

8/30/94

DATE OF BTEX EXT. | ANAL.:

N/A

N/A

TYPE | DESCRIPTION:

VG

Brown fine sand & clay

REMARKS:

**RESULTS**

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	598	MG/KG			2.07	28
HEADSPACE PID	186	PPM				
PERCENT SOLIDS	91.3	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

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

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

9/2/94