

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Loc dup

Risk
BTEX
state
RECEIVED
DEC 21 1999
OIL CON. DIV.
DIST. 3

**Rincon Unit #86
Meter/Line ID - 71657**

SITE DETAILS

**Legals - Twn: 27N
NMOCD Hazard Ranking: 0
Operator: Unocal**

Rng: 7W

**Sec: 15 Unit: P
Land Type: BLM
Pit Closure Date: 8/11/94**

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 12' 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 205 ppm; laboratory analysis indicated a TPH concentration of 115 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.
- 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

GENERAL	<p>Meter: <u>71657</u> Location: <u>Rincon Unit #86</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>P</u> Section <u>15</u> Township: <u>27</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>12/19/97</u> Area: _____ Run: _____</p>		
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps) _____</p> <p style="margin-left: 150px;">Land Type:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> <input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2) </td> <td style="width: 50%;"> BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____ </td> </tr> </table> <p>Depth to Groundwater</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>Wellhead Protection Area</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>Horizontal Distance to Surface Water Body</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) < 100' (Navajo Pits Only)</p> <p style="margin-left: 150px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>	<input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2)	BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____
<input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2)	BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____		
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Depth to GW measured to center of Cuervo Canyon.</u></p>		

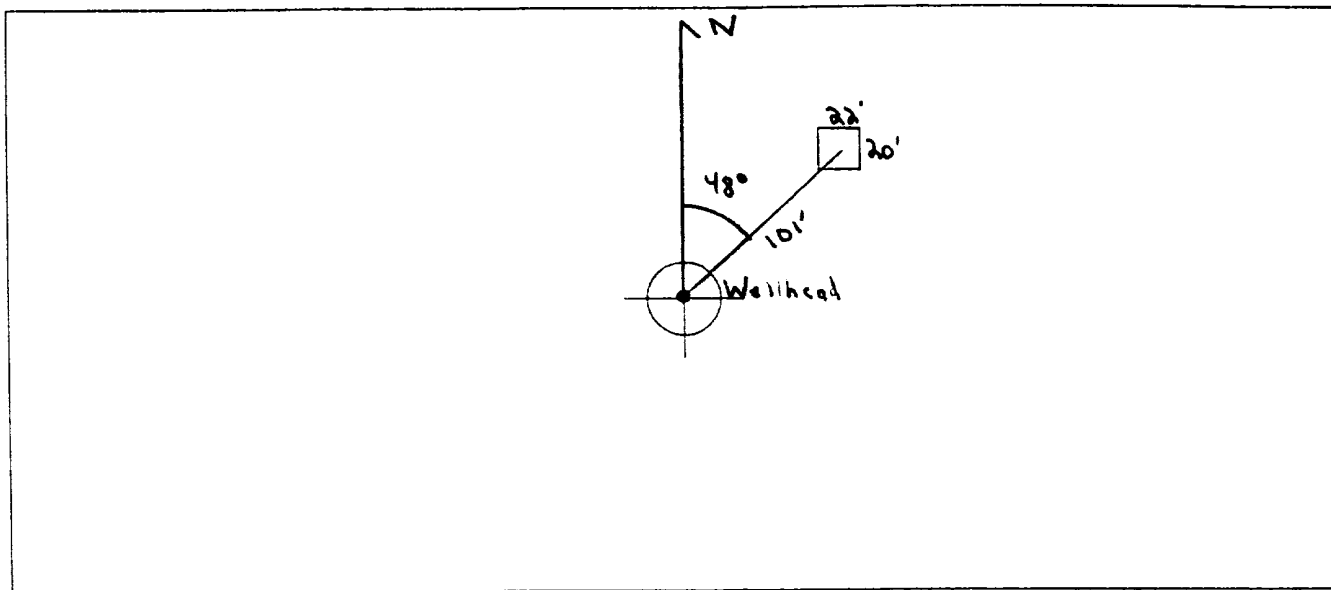
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>71657</u> Location: <u>Rincon Unit 86</u> Operator #: <u>9165</u> Operator Name: <u>UNDCAL</u> P/L District: <u>Blanco</u> Coordinates: Letter: <u>P</u> Section <u>15</u> Township: <u>27</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____ Site Assessment Date: <u>6/4/94</u> Area: <u>03</u> Run: <u>52</u>								
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps)								
	Land Type: <table border="0"> <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>		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	_____								
Depth to Groundwater Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)									
Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)									
Name of Surface Water Body <u>Cuevo Canyon</u> (Surface Water Body : Perennial Rivers, Major Wash, 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>30</u> POINTS									
REMARKS	Remarks : <u>Redline - Inside, Veln - Outside</u> <u>1 Pit. Will Close Pit Dry</u>								
<div style="text-align: right;"><u>PUSHIN</u></div>									

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 48° Footage from Wellhead 101'
 b) Length : 22' Width : 20' - Depth : 3'

ORIGINAL PIT LOCATION



Remarks :

Pictures @ 1400 (9-12)

End Dump

REMARKS

Completed By:

Cory Chase
 Signature

6/4/94
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>71657</u> Location: <u>A. Nelson #86</u> Coordinates: Letter: <u>P</u> Section <u>15</u> Township: <u>27</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Date Started : <u>8-11-94</u> Run: <u>03</u> <u>52</u>
FIELD OBSERVATIONS	Sample Number(s): <u>MK256</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>205</u> PID Reading Depth <u>12'</u> Feet <div style="text-align: center;">Yes No</div> Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div> Excavation Onsite Bioremediation Backfill Pit Without Excavation </div> <div style="text-align: right;"> <input type="checkbox"/> Approx. Cubic Yards _____ <input type="checkbox"/> <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div> Envirotech <input type="checkbox"/> Other Facility <input type="checkbox"/> </div> <div style="text-align: right;"> <input type="checkbox"/> Tierra Name: _____ </div> </div> Pit Closure Date: <u>8-11-94</u> Pit Closed By: <u>BEF</u>
REMARKS	Remarks : <u>EPNG lines Not marked Brown Soil Strong HYDROCARBON odor</u> _____ _____
Signature of Specialist: <u>Morgan Lillian</u>	



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MW 256	945927
MTR CODE SITE NAME:	71657	N/A
SAMPLE DATE TIME (Hrs):	8-11-94	1334
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL:	8-16-94	8-16-94
DATE OF BTEX EXT. ANAL:	N/A	N/A
TYPE DESCRIPTION:	VG	Red/Brown Clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	115	MG/KG			2.02	28
HEADSPACE PID	205	PPM				
PERCENT SOLIDS	85.4	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

9/2/94