

Per - BTEX #pts
outside 1, 3

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Loc Drip

**Rincon Unit #63
Meter/Line ID - 71453**

RECEIVED
DEC 21 1999

OIL CON. DIV.
DIST. 9

SITE DETAILS

Legals - Twn: 27N	Rng: 7W	Sec: 23	Unit: D
NMOCD Hazard Ranking: 0		Land Type: BLM	
Operator: Unocal		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 141 ppm; laboratory analysis indicated a TPH concentration of 4540 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>71453</u> Location: <u>Rincon Unit #63</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>D</u> Section <u>23</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;">Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type:</p> <table style="width: 100%;"> <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>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) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</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	_____								
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is on Encinada Mesa. Depth to GW measured to center of Cuervo Canyon.</u></p>								

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 71453 Location: PINCON UNIT #63
 Operator #: _____ Operator Name: UNOCAL P/L District: BLANCO
 Coordinates: Letter: D Section 23 Township: 27 Range: 7
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 12.5.94 Area: 03 Run: 52

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside ☐ (1) Outside ☒ (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 _____
 (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: 0 POINTS

REMARKS

Remarks : REDLINE SHOWS INSIDE BUT TOPO SHOWS OUTSIDE V.I.Z. NO PITS ON LOCATION. EPNG LOCATION DRIP HAS BEEN CLOSED.

ORIGINAL PIT LOCATION

A hand-drawn diagram of a wellhead. On the left is a rectangle with a vertical dimension of 15' and a horizontal dimension of 12'. A line extends from the right side of the rectangle to the center of a circle. The angle between this line and a vertical line passing through the center of the circle is labeled 96'. The circle is labeled 'WELLHEAD' and has a dimension of 76.30. A vertical line with an arrow at the top is labeled 'N'.

REMARKS

PHOTOS - 1244

Paul Thompson

12.5.94

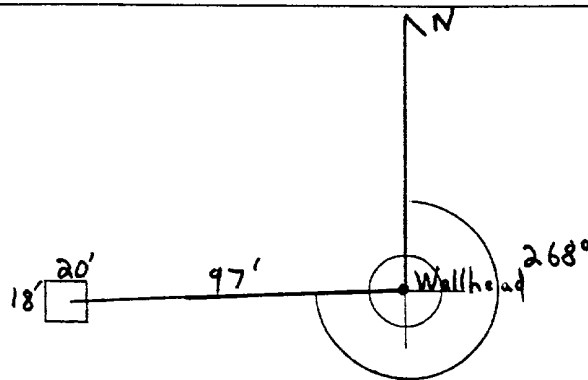
Date _____

FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>71453</u> Location: <u>Rincon Unit 6.3</u></p> <p>Operator #: <u>9165</u> Operator Name: <u>UNDCAL</u> P/L District: <u>Blanco</u></p> <p>Coordinates: Letter: <u>D</u> Section <u>23</u> Township: <u>27</u> Range: <u>7</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>6/4/94</u> Area: <u>03</u> Run: <u>52</u></p>							
	<table border="0"> <tr> <td data-bbox="235 711 495 851" rowspan="2"> NMOCD Zone: (From NMOCD Maps) </td> <td data-bbox="584 808 722 894"> Inside Outside </td> <td data-bbox="893 808 1015 894"> <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) </td> <td data-bbox="917 722 1144 765" rowspan="2"> Land Type: </td> <td data-bbox="1193 722 1453 905"> BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____ </td> </tr> <tr> <td colspan="3"></td> </tr> </table> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input checked="" 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 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? <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Cuervo Canyon</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) < 100' (Navajo Pits Only)</p> <p><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>30</u> POINTS</p>	NMOCD Zone: (From NMOCD Maps)	Inside Outside	<input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2)	Land Type:	BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____		
NMOCD Zone: (From NMOCD Maps)	Inside Outside		<input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2)	Land Type:		BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____		
REMARKS	<p>Remarks : <u>Redline-Inside, Veln-Outside</u></p> <p><u>1 Pit Dry. Will Close</u></p> <p><u>PUSHIN</u></p>							

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 268° Footage from Wellhead 97'
 b) Length : 20' Width : 18' Depth : 3'



ORIGINAL PIT LOCATION

Remarks :

Pictures @ 1422 (15-16)
END Dump

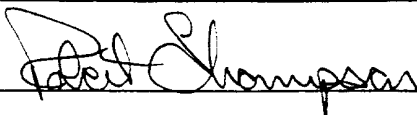
REMARKS

Completed By:

Cory Chance
 Signature

6/4/94
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>71453</u> Location: <u>RINCON UNIT #63</u> Coordinates: Letter: <u>D</u> Section <u>23</u> Township: <u>27</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Date Started : <u>12.5.94</u> Run: <u>03</u> <u>S2</u>
FIELD OBSERVATIONS	Sample Number(s): _____ Sample Depth: _____ Feet Final PID Reading _____ PID Reading Depth _____ Feet <div style="text-align: center;">Yes No</div> Groundwater Encountered <input type="checkbox"/> <input 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 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: _____ Pit Closed By: _____
REMARKS	Remarks : <u>PIT IS CLOSED</u> _____ _____
	Signature of Specialist: <u></u>

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71453</u> Location: <u>Rincon #63</u></p> <p>Coordinates: Letter: <u>0</u> Section <u>23</u> Township: <u>27</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>8-11-94</u> Run: <u>03</u> <u>52</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK257</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>141</u> PID Reading Depth <u>12'</u> Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/></p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>8-11-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>Engines not marked Soil Brownish Black strong</u></p> <p><u>Hydrocarbon odor</u></p>
<p>Signature of Specialist: <u>Morgan Hillier</u></p>	



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 257	945928
MTR CODE SITE NAME:	71453	N/A
SAMPLE DATE TIME (Hrs):	8-11-94	1430
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	Brown Fine sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	4540	MG/KG			1.99	28
HEADSPACE PID	141	PPM				
PERCENT SOLIDS	90.3	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

JJ

Date:

9/2/94