

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

S. J. 28-5 #10

Meter/Line ID - 71318

RISK-BTEX
RECEIVED
DEC 21 1994
OIL CONSERVATION
DIVISION

SITE DETAILS

Legals - Twn: 28N

Rng: 5W

Sec: 15

Unit: K

NMOCD Hazard Ranking: 0

Land Type: Fee

Operator: Meridian

Pit Closure Date: 7/6/94

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 210 ppm; laboratory analysis indicated a TPH concentration of 3770 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>713/8</u> Location: <u>S. J. 28-5 #10</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>K</u> Section <u>15</u> Township: <u>28</u> Range: <u>5</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>12/18/97</u> Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;"> <input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2) </p> <p>Land Type:</p> <p style="margin-left: 150px;"> <input type="checkbox"/> BLM (1) <input checked="" type="checkbox"/> State (2) 12/18/97 <input checked="" type="checkbox"/> Fee (3) <input type="checkbox"/> Indian _____ </p> <p>Depth to Groundwater</p> <p style="margin-left: 150px;"> <input type="checkbox"/> Less Than 50 Feet (20 points) (1) <input type="checkbox"/> 50 Ft to 99 Ft (10 points) (2) <input checked="" type="checkbox"/> Greater Than 100 Ft (0 points) (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="margin-left: 150px;"> <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 style="margin-left: 150px;"> <input checked="" type="checkbox"/> Less Than 200 Ft (20 points) (1) <input type="checkbox"/> 200 Ft to 1000 Ft (10 points) (2) <input checked="" type="checkbox"/> Greater Than 1000 Ft (0 points) (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</p> <p style="margin-left: 150px;"> <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100' </p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is ~1000' from a "Tank". Site is >1000' from the center of Gobernador Canyon Wash.</u></p>

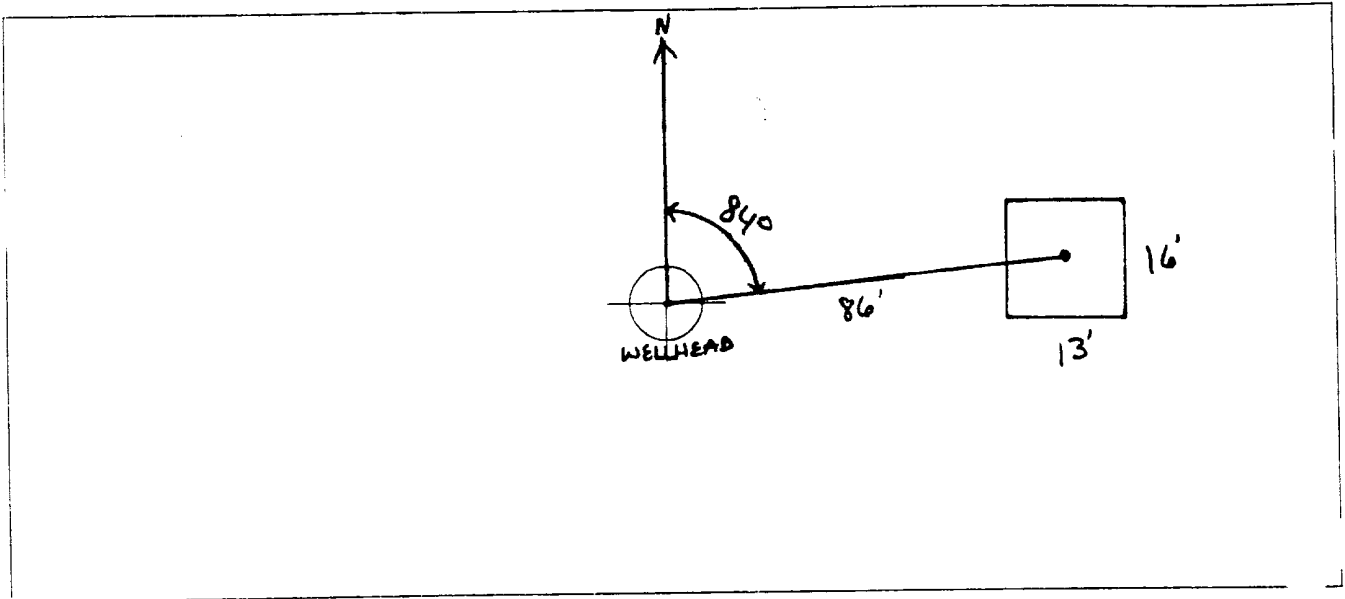
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>71318</u> Location: <u>S.J. 28-5 #10</u></p> <p>Operator #: <u>2999</u> Operator Name: <u>MERIDIAN P/L</u> District: <u>BLOOMFIELD</u></p> <p>Coordinates: Letter: <u>K</u> Section <u>15</u> Township: <u>28</u> Range: <u>5</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>6.2.94</u> Area: <u>10</u> Run: <u>71</u></p>															
	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Land Type:</p> <table border="0"> <tr> <td>Inside</td> <td><input type="checkbox"/> (1)</td> <td>BLM</td> <td><input type="checkbox"/> (1)</td> </tr> <tr> <td>Outside</td> <td><input checked="" type="checkbox"/> (2)</td> <td>State</td> <td><input type="checkbox"/> (2)</td> </tr> <tr> <td></td> <td></td> <td>Fee</td> <td><input checked="" type="checkbox"/> (3)</td> </tr> <tr> <td></td> <td></td> <td>Indian</td> <td>_____</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 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, 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>20</u> POINTS</p>	Inside	<input type="checkbox"/> (1)	BLM	<input type="checkbox"/> (1)	Outside	<input checked="" type="checkbox"/> (2)	State	<input type="checkbox"/> (2)			Fee	<input checked="" type="checkbox"/> (3)			Indian
Inside	<input type="checkbox"/> (1)	BLM	<input type="checkbox"/> (1)													
Outside	<input checked="" type="checkbox"/> (2)	State	<input type="checkbox"/> (2)													
		Fee	<input checked="" type="checkbox"/> (3)													
		Indian	_____													
REMARKS	<p>Remarks : <u>TWO PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS DRY. LOCATION IS EAST OF GENERAL AMERICAN RD. REDLINE AND TOPD CONFIRMED LOCATION IS OUTSIDE V.2.</u></p>															

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 84° Footage from Wellhead 86'
 b) Length : 16' Width : 13' Depth : 2'

ORIGIN LOCATION



REMARKS

Remarks :

TOOK PICTURES AT 2:33 P.M.

END DUMP

Completed By:

Robert Thompson

Signature

6.2.94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71318</u> Location: <u>ST 28-5 #10</u></p> <p>Coordinates: Letter: <u>K</u> Section <u>15</u> Township: <u>28</u> Range: <u>5</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>7-6-94</u> Area: <u>10</u> Run: <u>71</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK 94</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>210</u> PID Reading Depth <u>12'</u> Feet</p> <p style="text-align: center;">Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> (1) Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/> (2)</p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/> (3)</p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> (1) <input type="checkbox"/> (3) Tierra</p> <p>Other Facility <input type="checkbox"/> (2) Name: _____</p> <p>Pit Closure Date: <u>7-6-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>EPNG lines marked Soil Brown strong</u></p> <p><u>Hydrocarbon odor</u></p>
	<p>Signature of Specialist: <u>Morgan Killian</u></p>



20

FIELD SERVICES LABORATORY

ANALYTICAL REPORT

FIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mk94	945601
MTR CODE SITE NAME:	71318	N/A
SAMPLE DATE TIME (Hrs):	7-6-94	1605
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	7/7/94	7/7/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	DK Brown Fine 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)	3770	MG/KG			2.00	28
HEADSPACE PID	210	PPM				
PERCENT SOLIDS	85.9	%				

- 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