

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

1-3K - OK
Drp) J is correct 4L - 1065' west of wellhead
**Lindreth Unit B#30
Meter/Line ID - 95931**

SITE DETAILS

**Legals - Twn: 24N
NMOCD Hazard Ranking: 0
Operator: Mobil**

Rng: 3W

Sec: 16

Land Type: Fee

Pit Closure Date: 10/4/94

**OIL & GAS DIV.
DIST. 6**

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 356 ppm; laboratory analysis indicated a TPH concentration of 4620 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

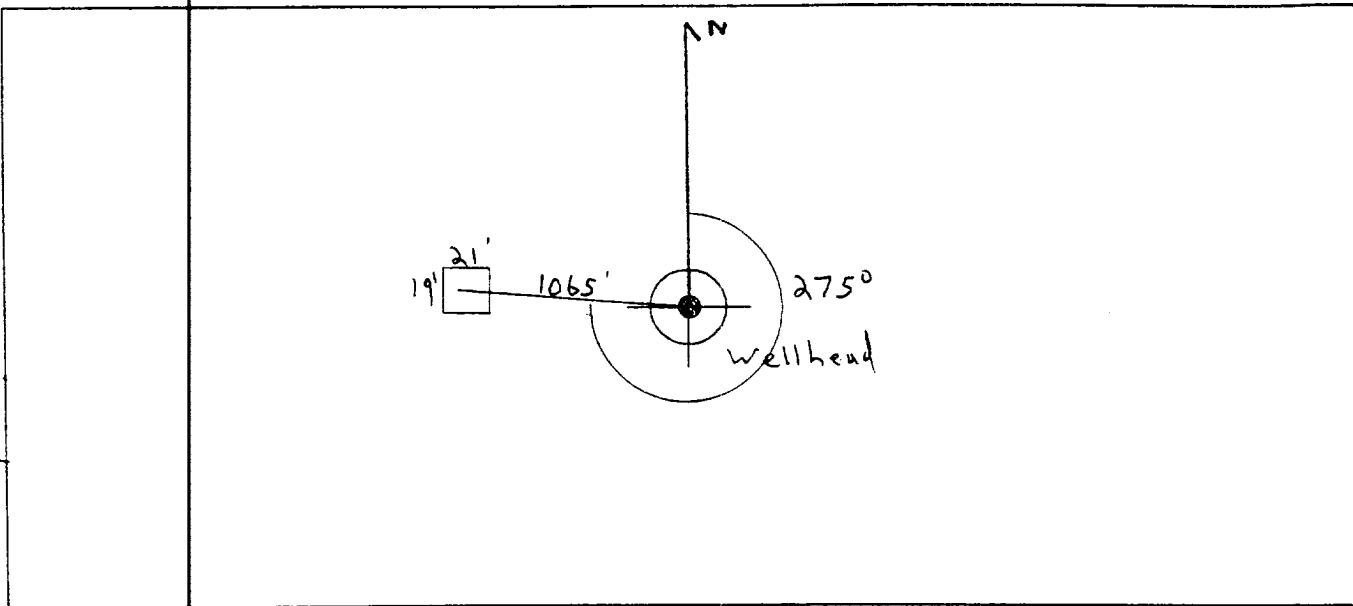

Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>95931</u> Location: <u>Lindriith Unit B #30</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>J</u> Section <u>16</u> Township: <u>24</u> Range: <u>3</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>4/9/98</u> Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: _____ Land Type: BLM _____ (1)</p> <p>(From NMOCD Maps) _____ State _____ (2)</p> <p>Inside _____ (1) Fee <input checked="" type="checkbox"/> (3)</p> <p>Outside <input checked="" type="checkbox"/> (2) Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) _____ (1)</p> <p>50 Ft to 99 Ft (10 points) _____ (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>_____ (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) _____ (1)</p> <p>200 Ft to 1000 Ft (10 points) _____ (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 _____ (1) < 100' (Navajo Pits Only)</p> <p>_____ (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 >100' vertical from center of Canada Larga.</u></p>

FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>9593</u> Location: <u>Lindrih Unit B #3D</u> Operator #: <u>6098</u> Operator Name: <u>Mobil</u> P/L District: <u>DJITD</u> Coordinates: Letter: <u>J</u> Section <u>16</u> Township: <u>24</u> Range: <u>3</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____ Site Assessment Date: <u>8/2/94</u> Area: <u>08</u> Run: <u>83</u>	
	NMOCD Zone: (From NMOCD Maps)	
SITE ASSESSMENT	Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	Land Type: BLM <input type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input checked="" type="checkbox"/> (3) Indian _____
	Depth to Groundwater Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input checked="" 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 type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (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 <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'	
REMARKS	TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS	
	Remarks : <u>Redline Book - Outside</u> <u>Vulnerable Zone Type - Outside</u> <u>1 pit. Will close. Liquid in pit</u> <u>Redline book shows location in Sec. 15</u>	

ORIGINAL PIT LOCATION	<p style="text-align: center;">ORIGINAL PIT LOCATION</p> <p>Original Pit : a) Degrees from North <u>275°</u> Footage from Wellhead <u>1065'</u> b) Length : <u>21'</u> Width : <u>19'</u> Depth : <u>4'</u></p> 
REMARKS	<p>Remarks :</p> <p><u>Pictures @ 1245</u></p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p> <p> </p>
	<p>Completed By:</p> <p style="text-align: center;">  Signature </p> <p style="text-align: right;"> <u>8/2/94</u> Date </p>

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>95931</u> Location: <u>Lindley Unit B# 30</u></p> <p>Coordinates: Letter: <u>J</u> Section <u>16</u> Township: <u>24</u> Range: <u>3</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>10-4-94</u> Run: <u>08</u> <u>83</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>VW372</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>356</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>10-4-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : _____ <u>25 yds F.I.</u></p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Nate Wilson</u></p>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 372	946324
MTR CODE SITE NAME:	95931	N/A
SAMPLE DATE TIME (Hrs):	10-4-94	1315
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	10-6-94	
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown Sand & Clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	4620	MG/KG			2.18	28
HEADSPACE PID	356	PPM				
PERCENT SOLIDS	87.7	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF == Dilution Factor Used

Approved By:

Date:

10-13-94