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# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

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Lindrith Unit No. 49  
Meter/Line ID - 73678

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## SITE DETAILS

Legals - Twn: 24N	Rng: 3W	Sec: 9	Unit: G
NMOCD Hazard Ranking: 10		Land Type: Fee	
Operator: MDI		Pit Closure Date: 10/05/94	

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## RATIONALE FOR RISK-BASED CLOSURE

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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 five feet 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 .07 ppm; laboratory analysis indicated a TPH concentration of 683 mg/kg. This site was re-assessed on February 25, 1998 because the initial assessment incorrectly included washes as a surface water body.

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 almost six years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is between 50 and 100 feet; therefore, impact to groundwater is unlikely.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Based on the Hazard Ranking Score, TPH concentrations were below required remediation levels.

## ATTACHMENT

Field Pit Assessment Form  
Laboratory Analytical Results



# FIELD PIT SITE ASSESSMENT FORM

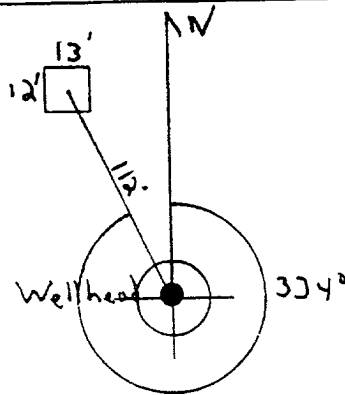
GENERAL	<p>Meter: <u>73678</u> Location: <u>Lindcith Unit No. 49</u>          Operator #: <u>2999</u> Operator Name: <u>MDI</u> P/L District: <u>Djito</u>          Coordinates: Letter: <u>G</u> Section <u>9</u> Township: <u>24</u> Range: <u>3</u>          Or Latitude _____ Longitude _____          Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____          Site Assessment Date: <u>6/14/94</u> Area: <u>08</u> Run: <u>83</u></p>																
SITE ASSESSMENT	<p><b>NMOCD Zone:</b>          (From NMOCD Maps)</p> <p><b>Land Type:</b></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><b>Depth to Groundwater</b></p> <p>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)</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)          200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2)          Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Starvedut Canyon</u>          (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>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>Redline Book - Outside Vulnerable Zone Topo - Outside</u>  <u>1 pit. Will close pit dry. Site was not on Topo. Location was approximated</u></p>																

PUSH-IN

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 334° Footage from Wellhead 112'  
 b) Length : 13' Width : 12' Depth : 2'

ORIGINAL PIT LOCATION



## REMARKS :

Pictures @ 1429 (1-4) roll 1  
Dump Truck

REMARKS

Completed By:

Cory Chase  
 Signature

6/14/94  
 Date



# REVISED PRODUCTION PIT ASSESSMENT FORM

GENERAL

WELL NAME: LINDRITH UNIT

WELL NUMBER: 49

DP/METER NO.: 73678

OPERATOR NAME: MDI

PIL DISTRICT: QUITO

COORDINATES: TOWNSHIP 24 RANGE 3 SECTION 9 LETTER 6

PIT TYPE: DEHYDRATOR ☐ SEPARATOR ☐ BLOW PIT ☐ OTHER: LOCATION Drip  
CATHODIC PROTECTION WELL: ☐ YES ☐ NO

SITE ASSESSMENT DATE: 6/14/94 FOREMAN/RUN NO. 83 AREA: 08

NMOCD ZONE: (from NMOCD Maps): Inside ☐ Outside ☒

LAND TYPE: BLM ☐ (1) STATE ☐ (2) FEE ☒ (3) INDIAN:

DEPTH TO GROUNDWATER: LESS THAN 50 FT (1) ☐ (20 POINTS)  
50 FT TO 99 FT (2) ☒ (10 POINTS)  
GREATER THAN 100 FT (3) ☐ (0 POINTS)

WELLHEAD PROTECTION AREA: Is it less than 1,000 feet from wells, springs, or other sources of fresh water extraction?, or: is it less than 200 ft from a private domestic water source (or 1,000' on Navajo surface)?

YES ☐ (20 POINTS)

NO ☒ (0 POINTS)

HORIZONTAL DISTANCE TO SURFACE WATER BODY: LESS THAN 200 FT (1) ☐ (20 POINTS)  
200 FT TO 1,000 FT (2) ☐ (10 POINTS)  
GREATER THAN 1,000 FT (3) ☒ (0 POINTS)

NAME OF SURFACE WATER BODY \_\_\_\_\_

SURFACE WATER BODY: PERENNIAL RIVERS, STREAMS, CREEKS, IRRIGATION CANALS, DITCHES, LAKES, PONDS

DISTANCE TO NEAREST EPHEMERAL STREAM (1) ☐ <100 FEET (NAVAJO PITS ONLY)  
(2) ☐ >100 FEET

TOTAL HAZARD RANKING SCORE: 10 POINTS

SITE ASSESSMENT

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>23678</u> Location: <u>Lind. 7th Unit #49</u> Coordinates: Letter: <u>6</u> Section <u>9</u> Township: <u>24</u> Range: <u>3</u> Or Latitude _____ Longitude _____ Date Started : <u>10-5-94</u> Run: <u>08</u> <u>83</u>
FIELD OBSERVATIONS	Sample Number(s): <u>VW 375</u> Sample Depth: <u>5</u> Feet Final PID Reading <u>167</u> PID Reading Depth <u>5</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation <input type="checkbox"/> Approx. Cubic Yards _____ Onsite Bioremediation <input type="checkbox"/> Backfill Pit Without Excavation <input checked="" type="checkbox"/> Soil Disposition: Envirotech <input type="checkbox"/> <input type="checkbox"/> Tierra Other Facility <input type="checkbox"/> Name: _____ Pit Closure Date: <u>10-5-94</u> Pit Closed By: <u>BEZ</u>
REMARKS	Remarks : <u>5' sandstone</u> _____ _____
	Signature of Specialist: <u>Vale Wilson</u>



## Page \_\_\_\_\_ of \_\_\_\_\_

White - Testing Laboratory      Canary - EPNG Lab      Pink - Field Sampler



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 375	946345
MTR CODE   SITE NAME:	73678	N/A
SAMPLE DATE   TIME (Hrs):	10-5-94	1100
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	10-6-94	
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Grav Sand & Clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	683	MG/KG			2.27	28
HEADSPACE PID	107	PPM				
PERCENT SOLIDS	92.5	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10-13-94