

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Lindrith B#35
Meter/Line ID – 95699

SITE DETAILS

Legals - Twn: 24N	Rng: 3W	Sec: 9	Unit: G
NMOCD Hazard Ranking: 20		Land Type: BLM	
Operator: Mobile		Pit Closure Date: 12/02/95	

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.

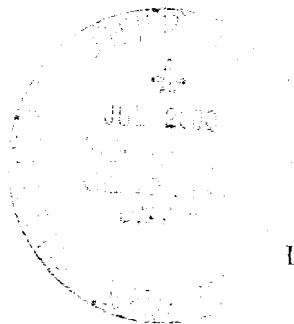
A test pit was excavated to 10 feet and a soil sample was collected for field headspace analysis and laboratory analysis for benzene, total BTEX, and TPH. Groundwater was not encountered in the test pit. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 5.6 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, total BTEX concentration of <3 mg/kg, and a TPH concentration of 51 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 almost five 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.
- Based on the Hazard Ranking Score, benzene, total BTEX, and TPH were below required remediation levels.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form



Laboratory Analytical Results

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 95699 Location: LINDRITH B #35
 Operator #: 47 Operator Name: MOBIL P/L District: OSUTD
 Coordinates: Letter: G Section 9 Township: 24 Range: 3
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 11-21-95 Area: 08 Run: 91

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 LARGO WASH
 (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: 20 POINTS

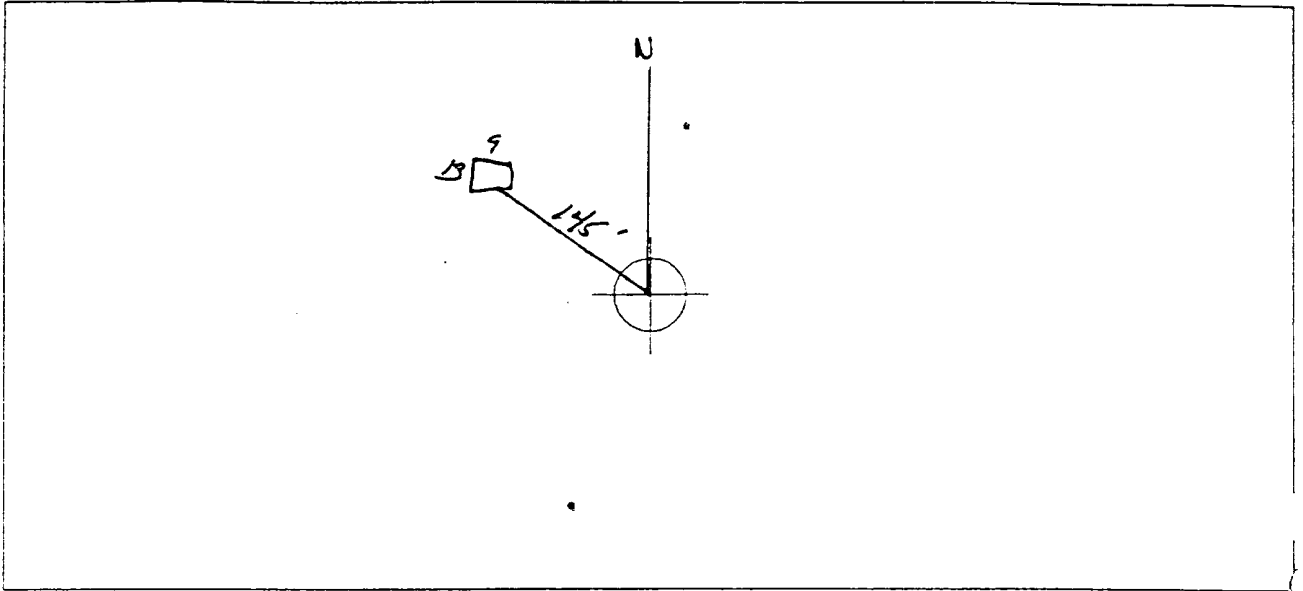
REMARKS

Remarks : Pit is INSIDE W.V. ZONE ON REOLINE.
Pit is OUTSIDE W.V. ZONE ON TOPO.
Pit is DRY.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 125° Footage from Wellhead 145
b) Length : 9 Width : 13 Depth : 3



REMARKS

Remarks :

Pic. # 16, 17 IN Roll

Completed By:

Dennis Schmitt

Signature

11-21-95

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>95699</u> Location: <u>Lindrieth B #35</u></p> <p>Coordinates: Letter: <u>G</u> Section <u>9</u> Township: <u>24</u> Range: <u>3</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>12/1/95</u> Run: <u>08 91</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>JK153</u></p> <p>Sample Depth: <u>10'</u> Feet</p> <p>Final PID Reading : <u>5.6</u> PID Reading Depth <u>10'</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 <u>0 LT 12/5/95</u></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>12/2/95</u> Pit Closed By: <u>Philip</u></p>
REMARKS	<p>Remarks : <u>Dug sample Hole and take sample at 10'</u></p> <p><u>No EPN6 on site</u></p> <p><u>Fence size 12x16 No Fence</u></p> <p><u>More than 100' From Ephemeral Stream</u></p> <p>Signature of Specialist: <u>Jens K. King</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JK 153	947826
MTR CODE SITE NAME:	95699	Lindrita B#35
SAMPLE DATE TIME (Hrs):	12-1-95	1400
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	12/6/95	
DATE OF BTEX EXT. ANAL.:	12/4/95	12/4/95
TYPE DESCRIPTION:	V6	Forgon Sand & Clay

Field Remarks: No well recovery

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	< 0.5	MG/KG				
TOLUENE	< 0.5	MG/KG				
ETHYL BENZENE	< 0.5	MG/KG				
TOTAL XYLENES	< 1.5	MG/KG				
TOTAL BTEX	< 3	MG/KG				
TPH (418.1)	51.0	MG/KG			2.05	28
HEADSPACE PID	5.6	PPM				
PERCENT SOLIDS	92.0	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 98% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: [Signature]

Date: 12-7-95

BTEX SOIL SAMPLE WORKSHEET

File	:	947826	Date Printed	:	12/5/95
Soil Mass (g)	:	5.06	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):	:	200
Shot Volume (uL)	:	50	CAL FACTOR (Report):	:	0.19763

		DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	:	0.13	Benzene (mg/Kg):	0.026 0.494
Toluene (ug/L)	:	0.46	Toluene (mg/Kg):	0.091 0.494
Ethylbenzene (ug/L)	:	0.00	Ethylbenzene (mg/Kg):	0.000 0.494
p & m-xylene (ug/L)	:	0.20	p & m-xylene (mg/Kg):	0.040 0.988
o-xylene (ug/L)	:	0.09	o-xylene (mg/Kg):	0.018 0.494
			Total xylenes (mg/Kg):	0.057 1.482
			Total BTEX (mg/Kg):	0.174

MARKS

RECEIVED BY: (Signature)

LABORATORY
AL GAS COMPANY

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