

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

De hy
**San Juan 28-5 #12
Meter/Line ID -- 71550**

Risk - BTEX
RECEIVED

DEC 2 1 1995

OIL & GAS
DEPT. 2

SITE DETAILS

Legals - Twn: 28N

Rng: 5W

Sec: 7

Unit: L

NMOCD Hazard Ranking: 0

Land Type: Fee

Operator: Meridian

Pit Closure Date: 3/17/95

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 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 343 ppm; laboratory analysis indicated a TPH concentration of 569 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 four 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	Meter: <u>71550</u> Location: <u>San Juan 28-5 #12</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>L</u> Section <u>7</u> Township: <u>28</u> Range: <u>5</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>12/18/97</u> Area: _____ Run: _____		
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps)	Land Type: Inside _____ (1) Outside <input checked="" type="checkbox"/> (2)	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) _____ (1) 50 Ft to 99 Ft (10 points) _____ (2) Greater Than 100 Ft (0 points) <input checked="" 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? _____ (1) YES (20 points) <input checked="" type="checkbox"/> (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) <input checked="" type="checkbox"/> (3) Name of Surface Water Body _____ (Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream _____ (1) < 100' (Navajo Pits Only) _____ (2) > 100'		
	TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS		
REMARKS	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is greater than 1000' From center of Gobernador Canyon Wash</u>		

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 71550 Location: San Juan 28-5 #12
 Operator #: _____ Operator Name: Meridian P/L District: Bloomfield
 Coordinates: Letter: L Section 07 Township: 28 Range: 05
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator ☒ Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 3/9/95 Area: 10 Run: 52

SITE ASSESSMENT

NMOCD Zone:
 (From NMOCD Maps)

Inside	<input type="checkbox"/> (1)	Land Type:	BLM	<input type="checkbox"/> (1)
Outside	<input checked="" type="checkbox"/> (2)		State	<input type="checkbox"/> (2)
			Fee	<input checked="" type="checkbox"/> (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 Spring
 (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'

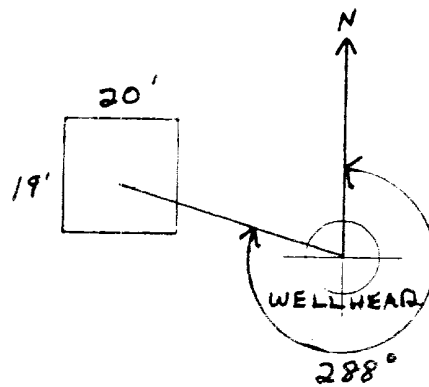
TOTAL HAZARD RANKING SCORE: 20 POINTS

REMARK

Remarks : Red line shows outside Topo shows outside of VZ
2 pits on hoc. One has Dehy in service Old Dehy pit
belongs to EPNG Will close old Dehy pit
Duck T.

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 282° Footage from Wellhead 107'
 b) Length : 20' Width : 19' Depth : 4'



Remarks :

Photos 1020

Completed By:

James J. Pano
 Signature

3/9/95
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71550</u> Location: <u>SAN JUAN 28-5 #12</u></p> <p>Coordinates: Letter: <u>L</u> Section <u>07</u> Township: <u>28</u> Range: <u>05</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>3-17-95</u> Run: <u>10</u> <u>52</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KP448</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>343</u> PID Reading Depth <u>12'</u> Feet</p> <p style="text-align: center;">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>3-17-95</u> Pit Closed By: <u>B.E.I.</u></p>
REMARKS	<p>Remarks : <u>Same line markers dug A Test hole to 12'</u></p> <p><u>Soil Gray with a little H.C odor. closed pit.</u></p>
	<p>Signature of Specialist: <u>Kelly Padilla</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP 448	946748
MTR CODE SITE NAME:	71SSO	N/A
SAMPLE DATE TIME (Hrs):	3-17-95	1050
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL:	3/23/95	3/23/95
DATE OF BTEX EXT. ANAL:	N/A	N/A
TYPE DESCRIPTION:	VC	Brown clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	569	MG/KG			1.98 10.5% 3/23/95	28
HEADSPACE PID	343	PPM				
PERCENT SOLIDS	85.2	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: 

Date: 3-24-95