

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Dehy
San Juan 28-6 Unit #81
Meter/Line ID - 72181

Risk = BTEX
RECEIVED
DEC 21 1993

SITE DETAILS

Legals - Twn: 27N
NMOCD Hazard Ranking: 0
Operator: Meridian

Rng: 6W

Sec: 12
Land Type: BLM
Pit Closure Date: 3/20/95

OIL CON. DIV.
DIST. 3

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 9' where sandstone was encountered. The excavation was terminated at 9' 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 428 ppm; laboratory analysis indicated a TPH concentration of 1040 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.
- Bedrock was encountered in the test excavation at nine feet below ground surface making remediation impractical.
- 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>72181</u> Location: <u>San Juan 28-6 Unit # 81</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>M</u> Section: <u>12</u> Township: <u>27</u> Range: <u>6</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/2/98</u> Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 100px;">Inside <input type="checkbox"/> (1)</p> <p style="margin-left: 100px;">Outside <input checked="" type="checkbox"/> (2)</p> <p style="margin-left: 100px;">Land Type:</p> <p style="margin-left: 100px;">BLM <input checked="" type="checkbox"/> (1)</p> <p style="margin-left: 100px;">State <input type="checkbox"/> (2)</p> <p style="margin-left: 100px;">Fee <input type="checkbox"/> (3)</p> <p style="margin-left: 100px;">Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input 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 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 style="text-align: center;"><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, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only)</p> <p style="margin-left: 100px;"><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 > 100' vertical from center of Cereza Canyon Wash</u></p>

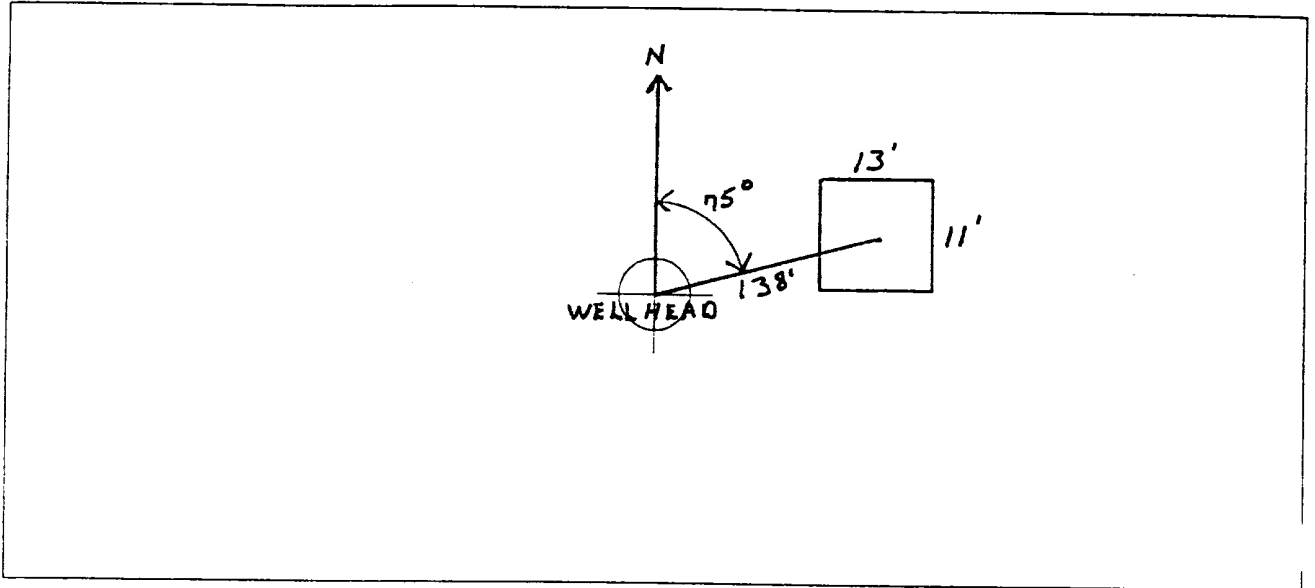
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>72181</u> Location: <u>San Juan 28-6 unit #81 #181/180</u></p> <p>Operator #: _____ Operator Name: <u>Meridian</u> P/L District: <u>Bloomfield</u></p> <p>Coordinates: Letter: <u>M</u> Section <u>12</u> Township: <u>27</u> Range: <u>06</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>3/10/95</u> Area: <u>10</u> Run: <u>52</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1)</p> <p style="margin-left: 150px;">Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input 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 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? <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Ephemeral Drain to Cerza Canyon Wash</u></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 style="margin-left: 150px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>
REMARK	<p>Remarks : <u>Red line shows Inside Topo shows outside UZ</u></p> <p><u>2 pits on loc, 1 has Dehy in service, Old Dehy is still on</u></p> <p><u>site, not in service. With close pit. EPNG needs to remove</u></p> <p><u>Do. L. Push In</u></p>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 75° Footage from Wellhead 3'
 b) Length : 13' Width : 11' Depth : 2'

ORIGINAL PIT LOCATION



Remarks :

Photos: 1/27

REMARKS

Completed By:

James J. Penner

Signature

3/10/95

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 72181 Location: SAN JUAN 28-6 UNIT #81

Coordinates: Letter: M Section: 12 Township: 27 Range: 06

Or Latitude _____ Longitude _____

Date Started : 3-20-95 Run: 10 52

FIELD OBSERVATIONS

Sample Number(s): KP452

Sample Depth: 9' Feet

Final PID Reading 428 PID Reading Depth 9' Feet

Yes No

Groundwater Encountered ☐ ☒ Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation ☐ Approx. Cubic Yards _____

Onsite Bioremediation ☐

Backfill Pit Without Excavation ☒

Soil Disposition:

Envirotech ☐ Tierra ☐

Other Facility ☐ Name: _____

Pit Closure Date: 3-20-95 Pit Closed By: B.E.I

REMARKS

Remarks : Same line markers dug a test hole sampled
closed pit. At 9' Hit SAND STONE.

Signature of Specialist: Kelly Partillo



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP 452	946746
MTR CODE SITE NAME:	72181	N/A
SAMPLE DATE TIME (Hrs):	3-20-95	0950
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:	VG	Brown clay and sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	1040	MG/KG			1.98	28
HEADSPACE PID	428	PPM				
PERCENT SOLIDS	91.5	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

3-24-95