

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

RISK
BTEX

Canyon Largo Unit No.79
Meter/Line ID – 74847

SITE DETAILS

Legals - Twn: 25N	Rng: 7W	Sec: 21	Unit: D
NMOCD Hazard Ranking: 10		Land Type: BLM	
Operator: Meridian		Pit Closure Date: 09/22/94	

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 six 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 926 ppm; laboratory analysis indicated a TPH concentration of 374 mg/kg. This site was re-assessed on April 8, 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.
- 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

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>74847</u> Location: <u>Canyon Largo Unit #79</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>D</u> Section <u>21</u> Township: <u>25</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/8/98</u> Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Land Type:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Inside <input type="checkbox"/> (1)</p> <p>Outside <input checked="" type="checkbox"/> (2)</p> </div> <div style="width: 45%;"> <p>BLM <input checked="" type="checkbox"/> (1)</p> <p>State <input type="checkbox"/> (2)</p> <p>Fee <input type="checkbox"/> (3)</p> <p>Indian _____</p> </div> </div> <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input 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="text-align: center;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</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 Pallasche Canyon.</u></p>

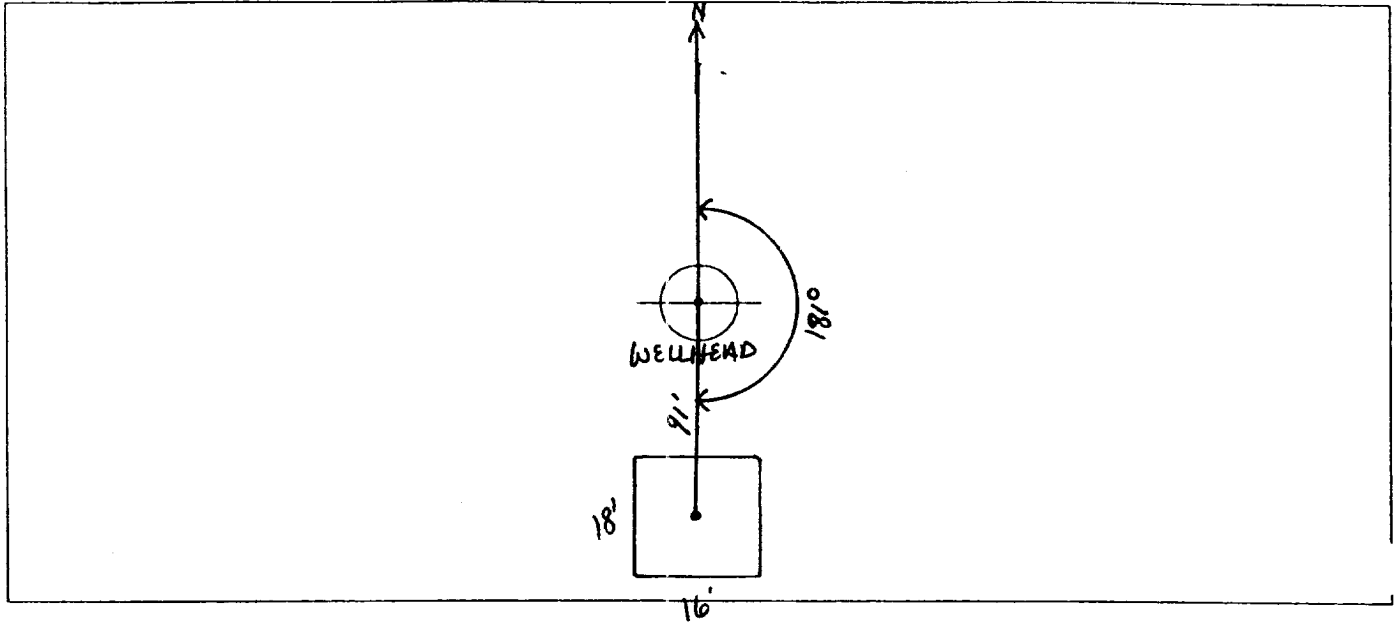
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>74847</u> Location: <u>CANYON LARGO UNIT #79</u></p> <p>Operator #: <u>2999</u> Operator Name: <u>MERIDIANP/L</u> District: <u>BALLARD</u></p> <p>Coordinates: Letter: <u>D</u> Section <u>21</u> Township: <u>25</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>6.23.94</u> Area: <u>07</u> Run: <u>41</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) 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 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>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)</p> <p>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)</p> <p>Name of Surface Water Body _____</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) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>
REMARKS	<p>Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS ON A HILL IN PALLUCHE CANYON AT THE BASE OF SOME CLIFFS. REDLINE SHOWS LOCATION IS INSIDE U.Z. BUT TOPO SHOWS THAT LOCATION IS OUTSIDE U.Z.</u></p> <p style="text-align: right;"><u>PUSH IN</u></p>

ORIGINAL PIT LOCATION

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Original Pit : a) Degrees from North 181° Footage from Wellhead 91'
b) Length : 18' Width : 16' Depth : 1'



REMARKS

Remarks :

TOOK PICTURES AT 10:56 A.M.END DUMP

Completed By:

Signature

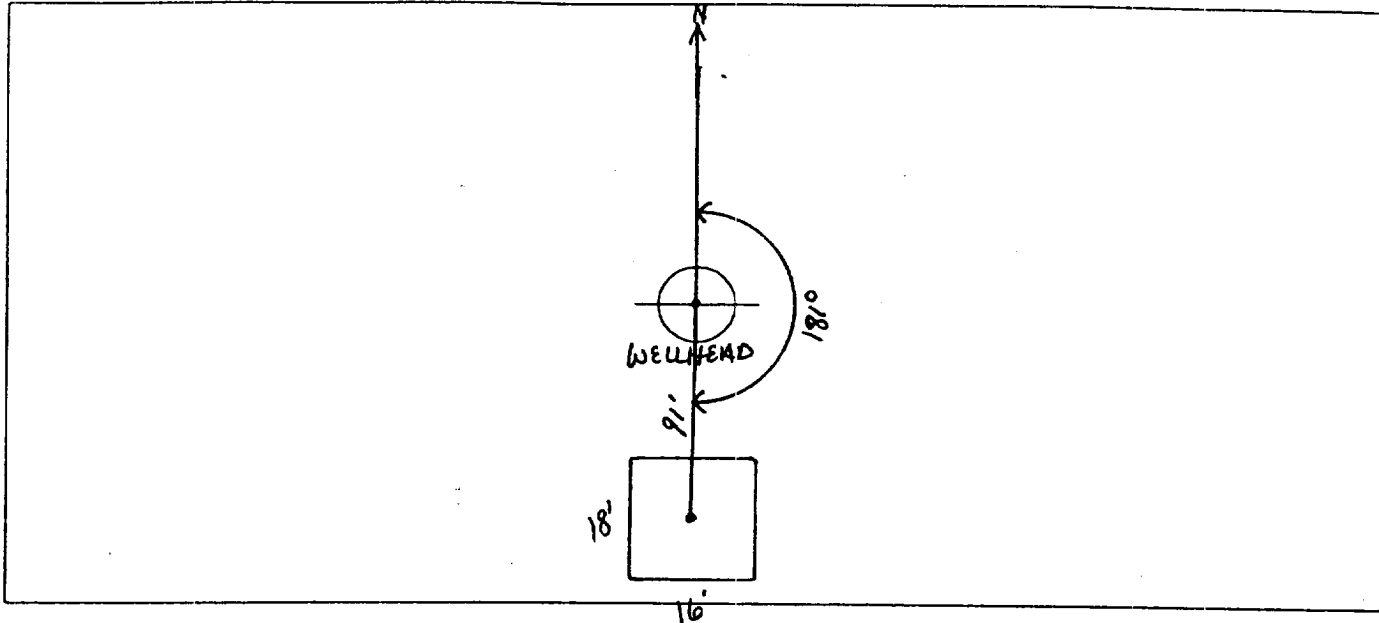
6-23-94

Date

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ORIGINAL PIT LOCATION



REMARKS

Remarks :

TOOK PICTURES AT 10:56 A.M.

END DUMP

Completed By:

Robert Thompson

Signature

6-23-94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>74847</u> Location: <u>Canyon Largo Unit # 79</u></p> <p>Coordinates: Letter: <u>D</u> Section <u>31</u> Township: <u>25</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>9-22-94</u> Run: <u>07</u> <u>41</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>VW325</u></p> <p>Sample Depth: <u>6'</u> Feet</p> <p>Final PID Reading <u>926</u> PID Reading Depth <u>6'</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> <div style="display: flex; justify-content: space-between;"> <div> <p>Excavation <input type="checkbox"/></p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/></p> </div> <div> <p>Approx. Cubic Yards _____</p> </div> </div> <p>Soil Disposition:</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Envirotech <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/></p> </div> <div> <p><input type="checkbox"/> Tierra</p> <p>Name: _____</p> </div> </div> <p>Pit Closure Date: <u>9-22-94</u> Pit Closed By: <u>BEZ</u></p>
REMARKS	<p>Remarks : _____</p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Val 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 325	94698
MTR CODE SITE NAME:	74847	N/A
SAMPLE DATE TIME (Hrs):	9-22-94	1115
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	9-27-94	
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	grey clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	374	MG/KG			2.05	28
HEADSPACE PID	926	PPM				
PERCENT SOLIDS	91.1	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: JP

Date: 10/6/94



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