

Denny G. Frost
DEPUTY OIL & GAS INSPECTOR
EL PASO FIELD SERVICES
PIT CLOSURE REPORT
AUG 10 9 1999

OK

Approved

LUTHY #2
Meter/Line ID - 70237

SITE DETAILS

Legals - Twn: 26N Rng: 8W
NMOCD Hazard Ranking: 20
Operator: Burlington Resources

Sec: 1 Unit: K
Land Type: BLM

PREVIOUS ACTIVITIES

Site Assessment: June-94 Test Excavation: Sept-94 Revised Site Assessment: Dec-97

A test excavation was conducted in the pit and a soil sample was collected at 12 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 3 ppm. Soil analytical results were as follows: TPH (418.1) 24.7 mg/kg. The initial assessment considered the center line of the arroyo a body of water, so the site was reassessed. The revised site assessment indicated a correct hazard ranking of 20 points.

CONCLUSIONS

The primary source, discharge to the pit, has been removed and the pit has been closed for over four years.

Groundwater was not encountered during excavation and an analytical soil sample, collected from 12 feet below the pit, was less than New Mexico Oil Conservation Division (NMOCD) standards for a pit with a hazard ranking of 20. A headspace PID result of 3 ppm was established on site from a composite soil sample. No BTEX analysis was required under the EPFS approved pit closure plan. Impact to groundwater is unlikely and no excavation of soils from the pit was required to meet NMOCD closure standards. The pit was filled with clean fill dirt during final pit closure activities.

RECOMMENDATIONS

- EPFS requests closure at this site.

ATTACHMENT

Revised Field Pit Assessment Form
Field Pit Assessment Form
Field Pit Remediation/Closure Form
Laboratory Analytical Results
Chain of Custody

RECEIVED
JUN 22 1999

OIL CON. DIV.
DIST. 3

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>70237</u> Location: <u>Luthy #2</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>K</u> Section <u>1</u> Township: <u>26</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>12/19/97</u> Area: _____ Run: _____</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:</p> <p style="margin-left: 150px;">BLM <input checked="" type="checkbox"/> (1)</p> <p style="margin-left: 150px;">State <input type="checkbox"/> (2)</p> <p style="margin-left: 150px;">Fee <input type="checkbox"/> (3)</p> <p style="margin-left: 150px;">Indian _____</p> <p>Depth to Groundwater</p> <p style="margin-left: 150px;">Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1)</p> <p style="margin-left: 150px;">50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)</p> <p style="margin-left: 150px;">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 style="margin-left: 150px;">Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p style="margin-left: 150px;">200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p style="margin-left: 150px;">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: 150px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>20</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Depth to GW measured to center of Heifer Canyon.</u></p>

FIELD PIT SITE ASSESSMENT FORM

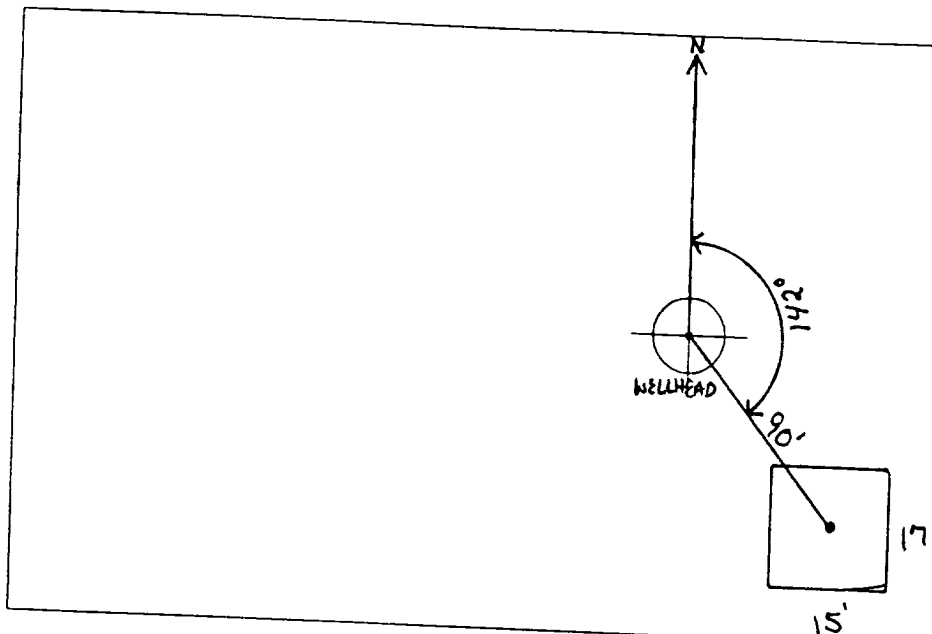
GENERAL	<p>Meter: <u>70237</u> Location: <u>LUTHY #2</u></p> <p>Operator #: <u>2999</u> Operator Name: <u>MERIDIAN P/L</u> District: <u>BALLARD</u></p> <p>Coordinates: Letter: <u>K</u> Section <u>1</u> Township: <u>26</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>6-15-94</u> Area: <u>07</u> Run: <u>51</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 checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input 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 checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>HEIFER CANYON</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) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>30</u> POINTS</p>
REMARKS	<p>Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS IN HEIFER CANYON AT THE BASE OF SOME CLIFFS. REDLINE SHOWS LOCATION IS INSIDE V.Z. BUT TOPO SHOWS THAT LOCATION IS OUTSIDE V.Z.</u></p>

PUSH IN

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 142° Footage from Wellhead 90'
b) Length : 17' Width : 15' Depth : 2'



REMARKS

Remarks :

TOOK PICTURES AT 11:57 A.M.

END DUMP

Completed By:

Robert Thompson

Signature

6.15.94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>70237</u> Location: <u>Luthy #2</u> Coordinates: Letter: <u>K</u> Section <u>1</u> Township: <u>26</u> Range: <u>8</u> Or Latitude _____ Longitude _____ Date Started : <u>9-20-94</u> Run: <u>07</u> <u>51</u>
FIELD OBSERVATIONS	Sample Number(s): <u>VW 309</u> Sample Depth: <u>12</u> Feet Final PID Reading <u>3</u> PID Reading Depth <u>12</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>9-20-94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : _____ _____ _____
	Signature of Specialist: <u>Vale Wilson</u>



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 309	946173
MTR CODE SITE NAME:	70237	N/A
SAMPLE DATE TIME (Hrs):	9.20.94	1345
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	9.22.94	9.22.94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown fine sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	24.7	MG/KG			2.12	28
HEADSPACE PID	3	PPM				
PERCENT SOLIDS	93.6	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

9/30/94

```

*****
*                                     *
*      Test Method for               *
*      Oil and Grease and Petroleum Hydrocarbons      *
*      in Water and Soil             *
*                                     *
*      Perkin-Elmer Model 1600 FT-IR      *
*      Analysis Report                   *
*                                     *
*****

```

```

94/09/22  13:39
*
* Sample identification
946173
*
* Initial mass of sample, g
2.120
*
* Volume of sample after extraction, ml
28.000
*
* Petroleum hydrocarbons, ppm
24.745
* Net absorbance of hydrocarbons (2930 cm-1)
0.013

```

