

EL PASO FIELD SERVICES PIT CLOSURE REPORT

TURNER B COM B #7
Meter/Line ID - 71286

Legals - Twn: 27N Rng: 9W
NMOCD Hazard Ranking: 10
Operator: Burlington Resources

SITE DETAILS

Sec: 16 Unit: K
Land Type: State
Pit Closure Date: 9/9/94

OK
NO VISK
RECEIVED
NOV 2 1994
OIL CON. DIV.
PIT 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 12 feet and a soil sample was collected for 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 10 ppm; laboratory analysis indicated a TPH concentration of 15.9 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
Chain of Custody

Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>71286</u> Location: <u>Turner B Com B #7</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>K</u> Section <u>16</u> Township: <u>27</u> Range: <u>9</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: 100px;">Inside <input type="checkbox"/> (1)</p> <p style="margin-left: 100px;">Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type:</p> <p style="margin-left: 100px;">BLM <input type="checkbox"/> (1)</p> <p style="margin-left: 100px;">State <input checked="" 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 style="margin-left: 100px;">Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p style="margin-left: 100px;">50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2)</p> <p style="margin-left: 100px;">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="margin-left: 100px;"><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: 100px;">Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p style="margin-left: 100px;">200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p style="margin-left: 100px;">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>10</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. 2 sites in Unit K. Distances taken from site closest to GWVZ (20' difference). Depth to GW measured from center of Jaquez Canyon</u></p>

FIELD PIT SITE ASSESSMENT FORM

3

GENERAL

Meter: 71286 Location: Turner B Com B No. 7
 Operator #: 2999 Operator Name: Meridian P/L District: Ballard
 Coordinates: Letter: K Section 16 Township: 27 Range: 9W
 Or Latitude 6-11-94 Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 6-11-94 Area: 11 Run: 31

NMOCD Zone:

(From NMOCD
Maps)

Inside

Outside

Land Type:

BLM KGW 6-11-94 ☒ (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 Jaquez Canyon

(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: 40 POINTS

Remarks : one pit. Pit is dry

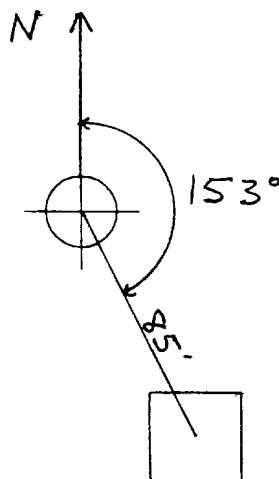
Inside V.Z. on Red line, outside on Topo

REMARKS

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 153 Footage from Wellhead 85
b) Length : 18 Width : 16 Depth : 4



REMARKS

Remarks : Photos - 1047

Completed By:

[Signature]

Signature

6-11-94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71286</u> Location: <u>Turner 13 com 13 # ></u></p> <p>Coordinates: Letter: <u>K</u> Section <u>16</u> Township: <u>22</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>9-9-94</u> Run: <u>11</u> <u>31</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>VW261</u> _____</p> <p>Sample Depth: <u>12</u> Feet</p> <p>Final PID Reading <u>10</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"/> <input type="checkbox"/> Tierra</p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>9-9-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : _____</p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Vale Wilson</u></p>



CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE: 9-9-94		CONTRACT LABORATORY P. O. NUMBER	
LAB ID		DATE	TIME	MATRIX	FIELD ID	REMARKS	
946088	9-9-94	830	Soil	VW259	1	VG	X
946090	9-9-94	900	Soil	VW260	1	VG	X
946091	9-9-94	1000	Soil	VW261	1	VG	X
946092	9-9-94	1030	Soil	VW262	1	VG	X
946093	9-9-94	1130	Soil	VW263	1	VG	X
946094	9-9-94	1300	Soil	VW264	1	VG	X
[Signature]							
RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME	
[Signature]		9-9-94 1500		[Signature]		9/13/94 1045	
RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME	
[Signature]				[Signature]		[Signature]	
REQUESTED TURNAROUND TIME: <input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH		SAMPLE RECEIPT REMARKS		RESULTS & INVOICES TO:		FARMINGTON, NEW MEXICO 87499	
CARRIER CO.		CHARGE CODE		505-599-2144		FAX: 505-599-2261	
BILL NO.:							



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 261	946091
MTR CODE SITE NAME:	71286	N/A
SAMPLE DATE TIME (Hrs):	9-9-94	1000
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL:	9-13-94	9-13-94
DATE OF BTEX EXT. ANAL:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown fine sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	16.6 15.9	<i>Sends 9/16/94</i> MG/KG			2.05	28
HEADSPACE PID	10	PPM				
PERCENT SOLIDS	94.3	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: J.P.

Date: 9/30/94

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

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94/09/13 14:56

* Sample identification
946091

* Initial mass of sample, g
2.050

* Volume of sample after extraction, ml
28.000

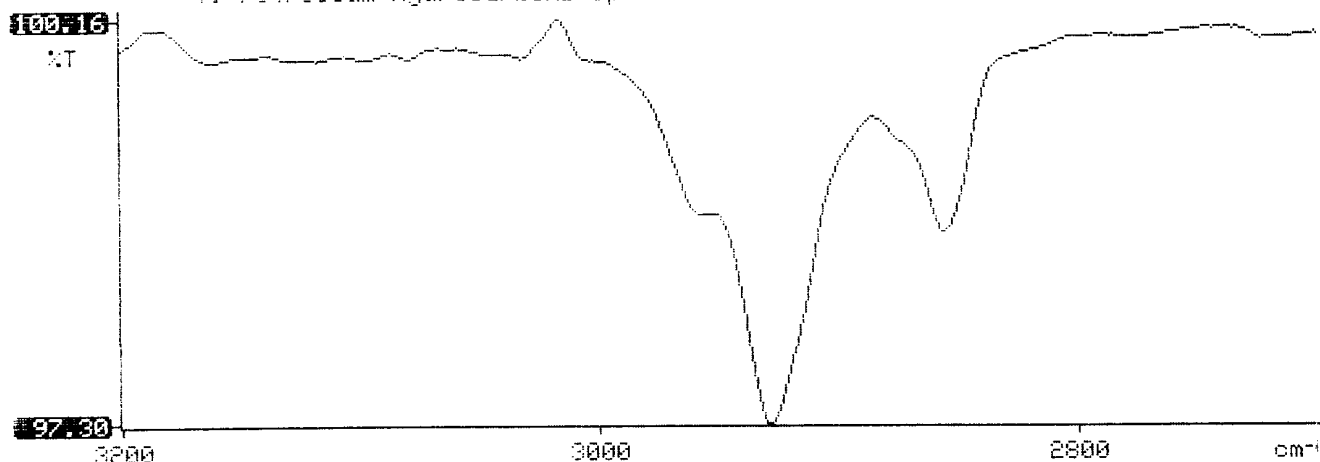
* Petroleum hydrocarbons, ppm
15.930

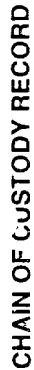
* Net absorbance of hydrocarbons (2930 cm⁻¹)
0.012

*
*
*

Y: Petroleum hydrocarbons spectrum

14:56





White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler