

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Risk
not ~~Bedrock~~
Bedrock

**Valencia Canyon Unit #45A
Meter/Line ID – 95767**

SITE DETAILS

Legals - Twn: 28N	Rng: 4W	Sec: 34	Unit: O
NMOCD Hazard Ranking: 10		Land Type: US Forest Service	
Operator: Cross Timbers		Pit Closure Date: 10/13/95	

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 ten feet below ground surface and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit and bedrock was encountered at ten feet below ground surface. 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 524 ppm; laboratory analysis indicated a TPH concentration of 217 mg/kg. The site was re-assessed on April 30, 1998, due to the original assessment that 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 five years.
- Bedrock was encountered in the test excavation at 10 feet below ground surface making further remediation impractical; therefore, impact to groundwater is unlikely.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Based on the Hazard Ranking Score, TPH was below required remediation levels.
- 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.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form

Revised Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>95767</u> Location: <u>VALENCIA CANYON UNIT #45A</u></p> <p>Operator #: _____ Operator Name: <u>CROSS TIMBERS</u> P/L District: _____</p> <p>Coordinates: Letter: <u>D</u> Section <u>34</u> Township: <u>28</u> Range: <u>4</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>4-30-98</u> Area: <u>10</u> Run: <u>62</u></p>										
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps) Inside Outside</p> <p>Land Type:</p> <table style="width: 100%;"> <tr> <td style="width: 60%;"><input type="checkbox"/> (1)</td> <td style="width: 40%;">BLM</td> </tr> <tr> <td><input type="checkbox"/> (2)</td> <td>State</td> </tr> <tr> <td><input type="checkbox"/> (3)</td> <td>Fee</td> </tr> <tr> <td><input type="checkbox"/> (2)</td> <td>Indian</td> </tr> <tr> <td><input checked="" type="checkbox"/> (3)</td> <td>USFS</td> </tr> </table> <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>LOST TANK? POND</u></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: 350px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>	<input type="checkbox"/> (1)	BLM	<input type="checkbox"/> (2)	State	<input type="checkbox"/> (3)	Fee	<input type="checkbox"/> (2)	Indian	<input checked="" type="checkbox"/> (3)	USFS
<input type="checkbox"/> (1)	BLM										
<input type="checkbox"/> (2)	State										
<input type="checkbox"/> (3)	Fee										
<input type="checkbox"/> (2)	Indian										
<input checked="" type="checkbox"/> (3)	USFS										
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. LOCATION IS UP ON A RIDGE AT THE POINT OF LOST CANYON AND IS APPROXIMATELY 250' TO 300' FROM A POND.</u></p>										

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 95767 Location: VALENCIA CANYON UNIT #45A
 Operator #: 0203 Operator Name: AMOCO P/L District: BLOOMFIELD
 Coordinates: Letter: 0 Section: 34 Township: 28 Range: 4
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 9.21.95 Area: 10 Run: 62

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside ☐ (1) Outside ☒ (2)

Land Type: BLM ☒ (1) State ☐ (2) Fee ☐ (3) Indian _____ U.S. Forest ☒

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 LOST 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: 10 POINTS

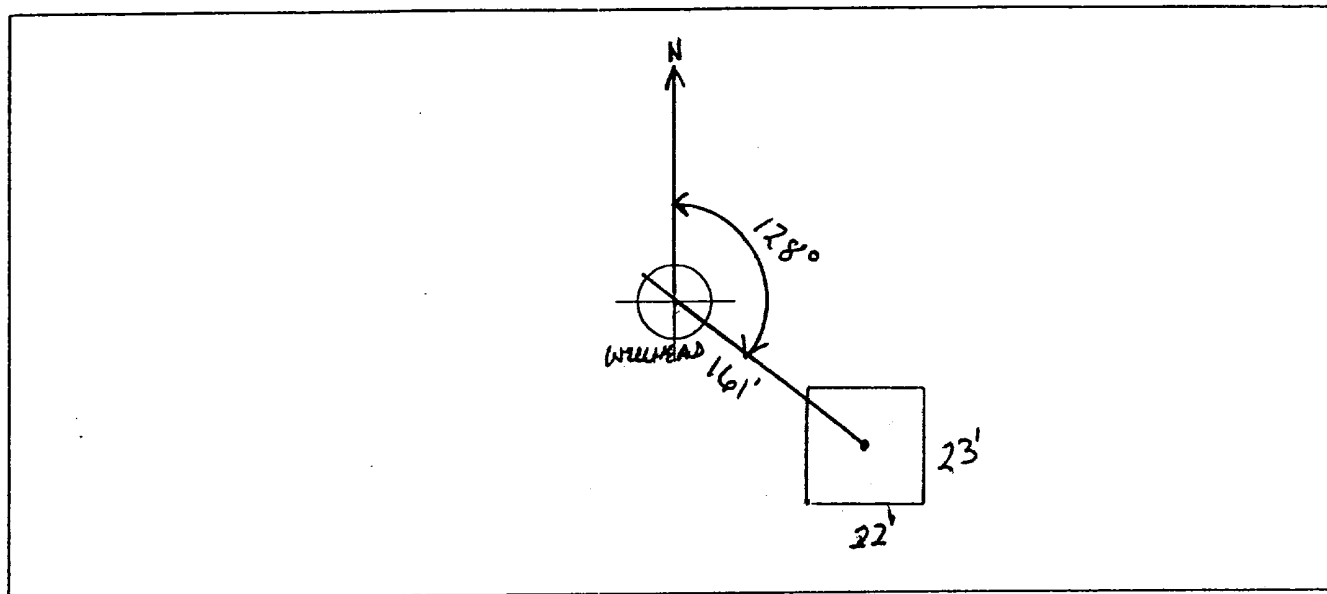
REMARKS

Remarks : REDLINE SHOWS LOCATION INSIDE BUT TOPO SHOWS LOCATION OUTSIDE V.Z. THERE ARE THREE TOTAL PITS ON THIS LOCATION. THE LOCATION DRIP PIT BELONGS TO EPNG. THE OTHER TWO BELONG TO THE OPERATOR. WILL CLOSE EPNG'S PIT. DIRT IN

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 128° Footage from Wellhead 161'
b) Length : 23' Width : 22' Depth : 3'



REMARKS

Remarks :

PHOTOS -

Completed By:

Robert Thompson
Signature

9.21.95

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>95767</u> Location: <u>Valencia Canyon Unit #45A</u></p> <p>Coordinates: Letter: <u>0</u> Section <u>34</u> Township: <u>28</u> Range: <u>4</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>10-13-95</u> Run: <u>10 62</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK 497</u></p> <p>Sample Depth: <u>10'</u> Feet</p> <p>Final PID Reading <u>524</u> PID Reading Depth <u>10'</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>Philip</u> Pit Closed By: <u>10-13-95</u></p>
REMARKS	<p>Remarks : <u>Dug sample hole soil Red with strong Hydrocarbon</u></p> <p><u>Odor Hit Rock 10'</u></p>
	<p>Signature of Specialist: <u>Morgan Killion</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK497	947651
MTR CODE SITE NAME:	95767	Valencia Canyon Unit #45A
SAMPLE DATE TIME (Hrs):	10-13-95	0950
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	10-18-95	
TYPE DESCRIPTION:	VG	Dark brown clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	^{RL 10/20/95} 220 217	MG/KG			2.06	2.8
HEADSPACE PID	524	PPM				
PERCENT SOLIDS	88.9	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10-25-95



CHAIN OF CUSTODY RECORD

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE: 10-13-98		SAMPLERS: (Signature) Morgan Keller		REQUESTED ANALYSIS		CONTRACT LABORATORY P. O. NUMBER	
LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBERS OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1	BTEX EPA 8020	LAB PID	SEQUENCE #	REMARKS
947651	10-13-98	09:50	soil	MK 497	1	VE X				447	Valencia Canyon unit # 45A 957632
947652	10-13-98	12:42	soil	MK 498	1	VE X				448	State con AI 33E # 94106
[The following rows in the table are crossed out with a large diagonal line.]											

RELINQUISHED BY: (Signature) Morgan Keller		DATE/TIME 10-13-98 16:00	RECEIVED BY: (Signature) Julie Didd	DATE/TIME 10/15/98 9:20	RECEIVED BY: (Signature) [Signature]
RELINQUISHED BY: (Signature)		DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

REQUESTED TURNAROUND TIME: <input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH		SAMPLE RECEIPT REMARKS		RESULTS & INVOICES TO:	
CARRIER CO.		FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499		505-599-2144 FAX: 505-599-2261	