

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Risk
BTEX

Sellers LS #1
Meter/Line ID – 70098

SITE DETAILS

Legals - Twn: 30N	Rng: 10W	Sec: 30	Unit: A
NMOCD Hazard Ranking: 10		Land Type: BLM	
Operator: Amoco		Pit Closure Date: 09/29/94	

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 twelve 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. 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 830 ppm; laboratory analysis indicated a TPH concentration of 247 mg/kg. This site was re-assessed on April 13, 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

GENERAL	<p>Meter: <u>70098</u> Location: <u>Sellers LS #1</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>A</u> Section <u>30</u> Township: <u>30</u> Range: <u>10</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/13/98</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> <p>Inside <input type="checkbox"/> (1)</p> <p>Outside <input checked="" type="checkbox"/> (2)</p> </div> <div> <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="margin-left: 350px;"><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 Potter Canyon</u></p>

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 70-098 Location: Sellers LS 1
 Operator #: 0203 Operator Name: Amoco P/L District: Artec
 Coordinates: Letter: A Section 30 Township: 30 Range: 10
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 8/16/94 Area: 04 Run: 21

SITE ASSESSMENT

NMOCD Zone:

(From NMOCD
Maps)

Inside

☐ (1)

Outside

☒ (2)

Land Type:

BLM ☒ (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 Potter 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: 20 POINTS

REMARK

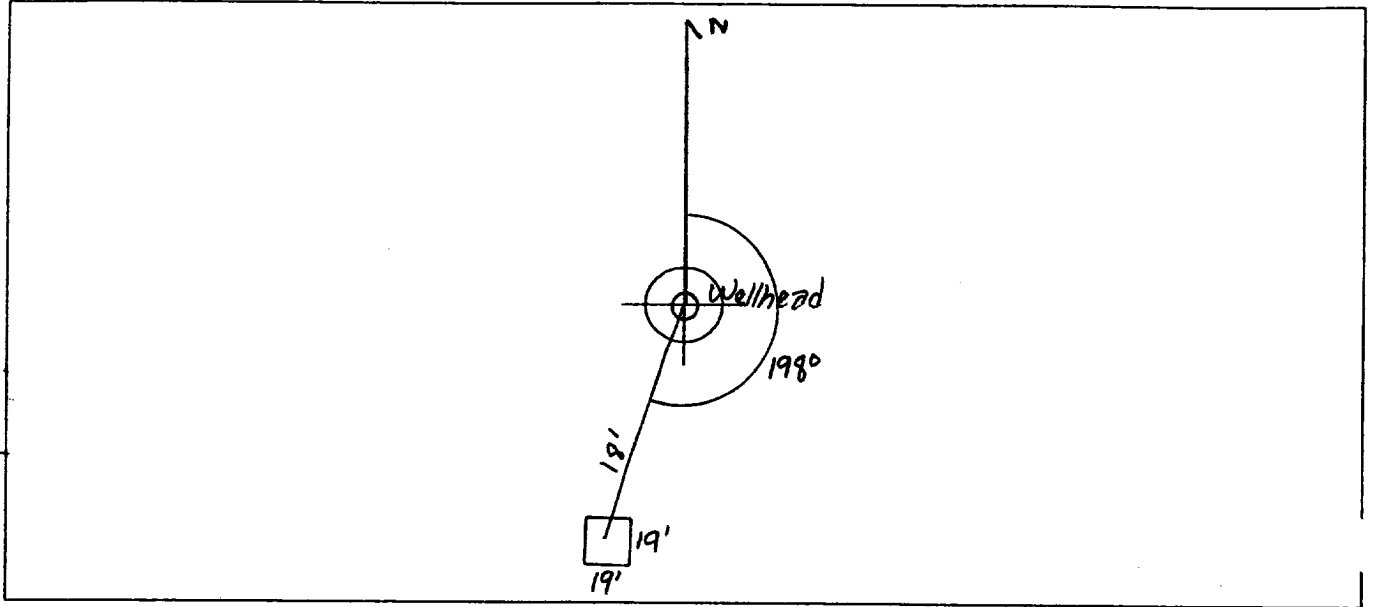
Remarks : Redline Book - Outside Vulnerable Zone Type - Outside
Three pits, location drip pit is dry. Will close one pit.

PUSH IN

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 198° Footage from Wellhead 18'
b) Length : 19' Width : 19' Depth : 2'



REMARKS

Remarks : SK 8/16/94

Pictures @ 17 1427 (17-20, Roll I)
Dump Truck

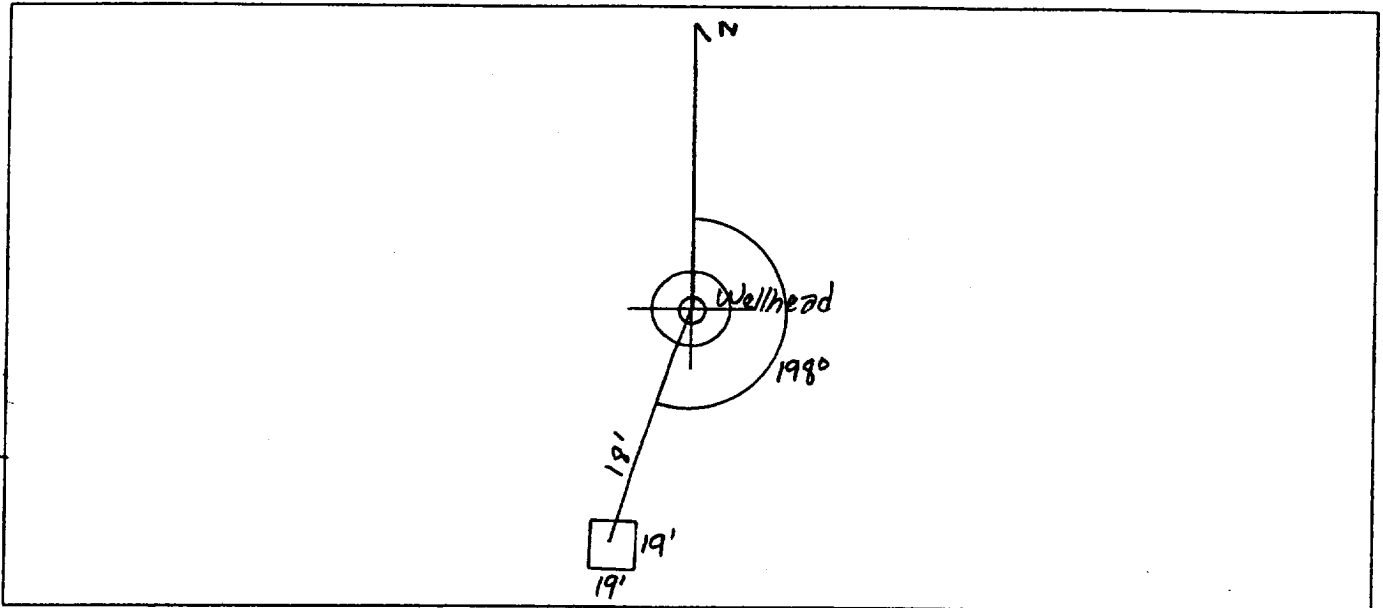
Completed By:

Samh Kelly
Signature

8/16/94
Date

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 198° Footage from Wellhead 18'
 b) Length : 19' Width : 19' Depth : 2'



Remarks : sk 8/16/94

Pictures @ 17 1427 (17-20, Roll 2)
 Dump Truck

Completed By:

Sarah Kelly
 Signature

8/16/94
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>70098</u> Location: <u>Sellers LS 1</u> Coordinates: Letter: <u>A</u> Section <u>30</u> Township: <u>30</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Date Started : <u>9/29/94</u> Run: <u>04</u> <u>21</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KD 288</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>830 ppm</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 : <div style="display: flex; justify-content: space-between;"> <div> Excavation Onsite Bioremediation Backfill Pit Without Excavation <input checked="" type="checkbox"/> </div> <div> <input type="checkbox"/> Approx. Cubic Yards <u>0</u> <input type="checkbox"/> <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div> Envirotech <input type="checkbox"/> Other Facility <input type="checkbox"/> </div> <div> <input type="checkbox"/> Tierra Name: _____ </div> </div> Pit Closure Date: <u>9/29/94</u> Pit Closed By: <u>BEF</u>
REMARKS	Remarks : <u>Excavated pit to 12', Took PID Sample, closed pit.</u>
	Signature of Specialist: <u>King Danner</u>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	USD 288	946253
MTR CODE SITE NAME:	70098	N/A
SAMPLE DATE TIME (Hrs):	9-29-94	0845
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	10-3-94	
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown Course Sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	247	MG/KG			2.03	28
HEADSPACE PID	830	PPM				
PERCENT SOLIDS	95.5	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10/6/94



CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE: 9/29/94		CONTRACT LABORATORY P. O. NUMBER															
SAMPLES: (Signature)		LAB ID		TIME		MATRIX		FIELD ID		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS				SEQUENCE #		REMARKS	
LAB ID		DATE		TIME		MATRIX		FIELD ID		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS				SEQUENCE #		REMARKS	
9416253	9/29/94	0845	Soil	KD 288	1	VG	X	TPH EPA 418.1	BTEX EPA 8020	LAB PID						260					
9416254	9/29/94	0930	Soil	KD 289	1	VG	X									261					
9416255	9/29/94	1045	Soil	KD 290	1	VG	X									262					
9416256	9/29/94	1145	Soil	KD 291	1	VG	X									263					
9416257	9/29/94	1250	Soil	KD 292	1	VG	X									264					
9416258	9/29/94	1500	Soil	KD 293	1	VG	X									265					
9416259	9/29/94	1545	Soil	KD 294	1	VG	X									266					
9416260	9/29/94	1640	Soil	KD 295	1	VG	X									267					
RELINQUISHED BY: (Signature)		DATE/TIME 38		RECEIVED BY: (Signature)		DATE/TIME 28		RECEIVED BY: (Signature)		RELINQUISHED BY: (Signature)		DATE/TIME 9/30/94 10:20		RECEIVED BY: (Signature)		RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
RELINQUISHED BY: (Signature)		DATE/TIME 9/29/94		RECEIVED BY: (Signature)		DATE/TIME 1810		RECEIVED BY: (Signature)		RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
REQUESTED TURNAROUND TIME: <input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH		CARRIER CO.		SAMPLE RECEIPT REMARKS		RESULTS & INVOICES TO:		FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499		505-599-2144		FAX: 505-599-2261									
BILL NO.:		CHARGE CODE																			