

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Outside
**LAMBE #6
Meter/Line ID - 89370**

RISK
13TEX *TPH*

RECEIVED
NOV - 2 1999

OIL CON. DIV.
DIST. 3

SITE DETAILS

**Legals - Twn: 31N
NMOCD Hazard Ranking: 0
Operator: Koch Exploration**

Rng: 10

**Sec: 20 Unit: O
Land Type: BLM
Pit Closure Date: 9/29/94**

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 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 then backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 574 ppm; laboratory analysis indicated a TPH concentration of 7,350 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 pit area.
- 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.
- The site is greater than 1,000 feet from potential surface water receptors and water supply wells.
- 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

Field Pit Assessment Form
Laboratory Analytical Results

REVISED

FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>89370</u> Location: <u>Lambe #6</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>0</u> Section <u>20</u> Township: <u>31</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>4/9/98</u> Area: _____ Run: _____			
SITE ASSESSMENT	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> NMOCD Zone: (From NMOCD Maps) </div> <div style="width: 45%;"> Land Type: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2) </div> <div style="width: 45%;"> BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____ </div> </div> </div> </div> <div style="margin-top: 10px;"> Depth to Groundwater Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3) </div> <div style="margin-top: 10px;"> 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? <div style="display: flex; justify-content: center; gap: 20px;"> <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points) </div> </div> <div style="margin-top: 10px;"> 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) </div> <div style="margin-top: 10px;"> Name of Surface Water Body _____ (Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100' </div> <div style="margin-top: 10px;"> TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS </div>			
REMARKS	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is > 100' vertical to center of nearest wash</u>			

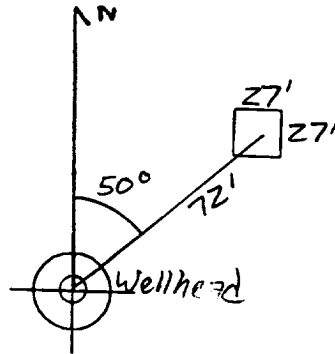
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>89-370</u> Location: <u>Lambe 6</u> Operator #: <u>5540</u> Operator Name: ^{Koch} <u>Exploration</u> P/L District: <u>Aztec</u> Coordinates: Letter: <u>0</u> Section <u>20</u> Township: <u>31</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>8/24/94</u> Area: <u>04</u> Run: <u>52</u>	
	NMOCD Zone: (From NMOCD Maps)	
SITE ASSESSMENT	Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____
	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)	
	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)	
	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) Name of Surface Water Body <u>Hart Canyon</u> (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'	
REMARKS	TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS	
	Remarks : <u>Redline Book - Outside Vulnerable Zone Type - Outside</u> <u>Two pits, location drip pit has paraffin in it, will close one pit.</u> <div style="text-align: right;"><u>Push In</u></div>	

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 50° Footage from Wellhead 72'
b) Length : 27' Width : 27' Depth : 5'



REMARKS

Remarks :

Pictures @ 1400 (9-12, R0112)
Dump Truck

Completed By:

Sarah Pelley
Signature

8/24/14
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>89370</u> Location: <u>Lambe 6</u></p> <p>Coordinates: Letter: <u>0</u> Section <u>20</u> Township: <u>31</u> Range: <u>10</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>9/29/94</u> Run: <u>04</u> <u>52</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KD 294</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>574ppm</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> <div style="display: flex; justify-content: space-between;"> <div> <p>Excavation</p> <p>Onsite Bioremediation</p> <p>Backfill Pit Without Excavation</p> </div> <div> <p><input type="checkbox"/> Approx. Cubic Yards _____</p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></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"/> Name: _____</p> </div> <div> <p><input type="checkbox"/> Tierra</p> </div> </div> <p>Pit Closure Date: <u>9/29/94</u> Pit Closed By: <u>ISE</u></p>
REMARKS	<p>Remarks : <u>Excavated test hole to 12', took pid sample, closed pit.</u></p>
	<p>Signature of Specialist: <u>Kenny Dan</u></p>



CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE: 9/29/94		CONTRACT LABORATORY P. O. NUMBER							
LAB ID		DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBERS OF CONTAINERS	SAMPLE TYPE						
LAB ID		DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBERS OF CONTAINERS	SAMPLE TYPE						
94 6253	9/29/94	0845	Soil	KD 288	1	VG	X						
94 6254	9/29/94	0930	Soil	KD 289	1	VG	X						
94 6255	9/29/94	1045	Soil	KD 290	1	VG	X						
94 6256	9/29/94	1145	Soil	KD 291	1	VG	X						
94 6257	9/29/94	1250	Soil	KD 292	1	VG	X						
94 6258	9/29/94	1500	Soil	KD 293	1	VG	X						
94 6259	9/29/94	1545	Soil	KD 294	1	VG	X						
94 6260	9/29/94	1640	Soil	KD 295	1	VG	X						
<div>RELINQUISHED BY: (Signature) <i>[Signature]</i> DATE/TIME 38 RECEIVED BY: (Signature) <i>[Signature]</i> DATE/TIME 28</div> <div>RELINQUISHED BY: (Signature) <i>[Signature]</i> DATE/TIME 1810 RECEIVED BY: (Signature) <i>[Signature]</i> DATE/TIME 1000</div>													
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
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								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS
								LAB PID		BTEX EPA 8020	TPH EPA 418.1	SEQUENCE #	REMARKS

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH

CARRIER CO.

BILL NO.:

RECEIVED OF LABORATORY BY: (Signature) *[Signature]*

RECEIVED OF LABORATORY BY: (Signature) *[Signature]*

RESULTS & INVOICES TO:
FIELD SERVICES LABORATORY
EL PASO NATURAL GAS COMPANY
P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499
FAX: 505-599-2261

505-599-2144



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	WSD 294	946259
MTR CODE SITE NAME:	89370	N/A
SAMPLE DATE TIME (Hrs):	9-29-94	1545
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 fine sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	WOK 10/4/94 7300 7350	MG/KG			0.90	28
HEADSPACE PID	574	PPM				
PERCENT SOLIDS	91.3	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10/6/94