

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Prp
**Lambe 2A
Meter/Line ID - 89243**

*Risk BTEX
Outside*
RECEIVED
DEC 21 1994
OIL CONSERVATION DIVISION

SITE DETAILS

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

Rng: 10W

Sec: 20

Unit: J *0*

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' 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 618 ppm; laboratory analysis indicated a TPH concentration of 619 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 five 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

Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>89243</u> Location: <u>Lambe 2A</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>J</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>4/89/98</u> Area: _____ Run: _____ <div style="text-align: center; margin-top: -10px;"><u>479/148</u></div>
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"/> (1) Inside <input checked="" type="checkbox"/> (2) Outside </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 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Less Than 50 Feet (20 points) 50 Ft to 99 Ft (10 points) Greater Than 100 Ft (0 points) </div> <div style="width: 45%;"> <input type="checkbox"/> (1) <input type="checkbox"/> (2) <input checked="" type="checkbox"/> (3) </div> </div> </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: space-around; margin-top: 5px;"> <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 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Less Than 200 Ft (20 points) 200 Ft to 1000 Ft (10 points) Greater Than 1000 Ft (0 points) </div> <div style="width: 45%;"> <input type="checkbox"/> (1) <input type="checkbox"/> (2) <input checked="" type="checkbox"/> (3) </div> </div> </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 <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100' </div> </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 from center of John Brown Canyon</u>

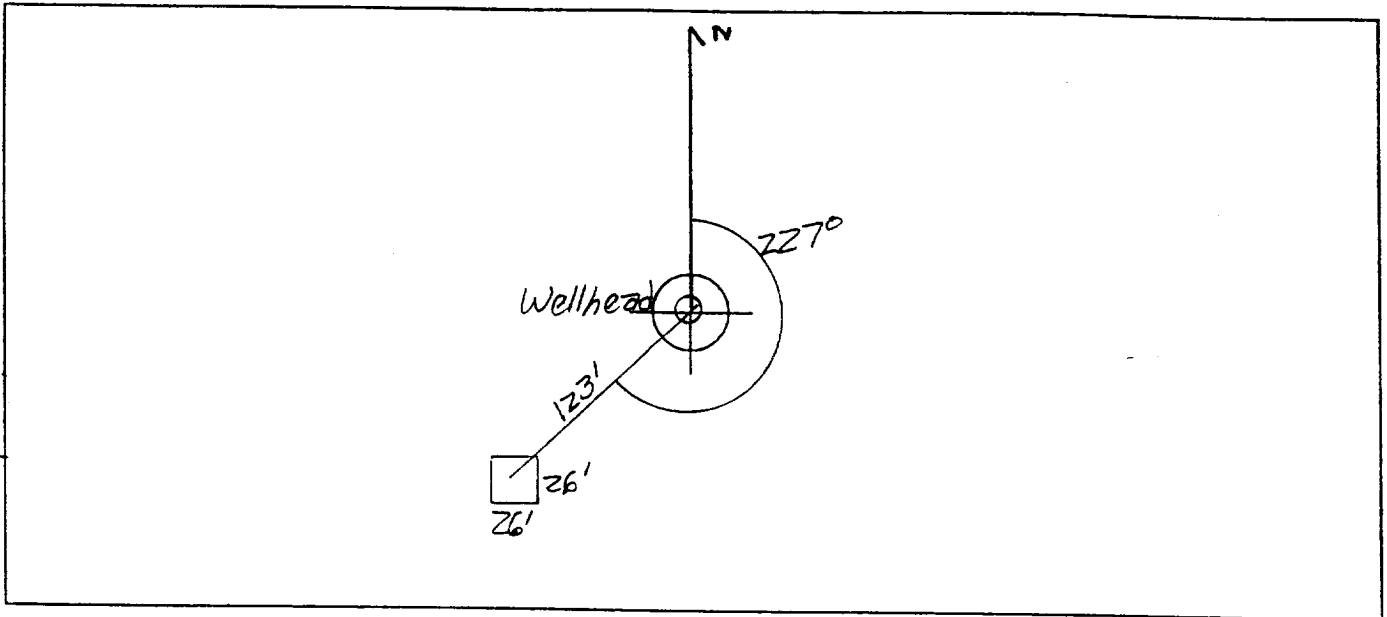
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>89-243</u> Location: <u>Lambe 2A</u> Operator #: <u>5540</u> Operator Name: <u>Koch Exploration P/L</u> District: <u>Aztec</u> Coordinates: Letter: <u>J</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>								
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps)								
	Land Type: <table border="0"> <tr> <td>BLM</td> <td><input checked="" type="checkbox"/> (1)</td> </tr> <tr> <td>State</td> <td><input type="checkbox"/> (2)</td> </tr> <tr> <td>Fee</td> <td><input type="checkbox"/> (3)</td> </tr> <tr> <td>Indian</td> <td>_____</td> </tr> </table>		BLM	<input checked="" type="checkbox"/> (1)	State	<input type="checkbox"/> (2)	Fee	<input type="checkbox"/> (3)	Indian
BLM	<input checked="" type="checkbox"/> (1)								
State	<input type="checkbox"/> (2)								
Fee	<input type="checkbox"/> (3)								
Indian	_____								
REMARKS	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'									
TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS									
Remarks : <u>Redline Book - Outside</u> <u>Vulnerable Zone - Outside</u> <u>Three pits, location drip pit is dry, will close one pit.</u> <u>PUSH IN</u>									

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 227° Footage from Wellhead 123'
b) Length : 26' Width : 26' Depth : 4'

ORIGINAL PIT LOCATION



Remarks :

Pictures @ 1425 (13-16, Roll 17)

Dump Truck

There are 3, 55 gal. drums next to the pit.

REMARKS

Completed

Sarah Kelly

Signature

8/24/17

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>89243</u> Location: <u>Lambc 2A</u></p> <p>Coordinates: Letter: <u>J</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 52</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KD 293</u></p> <p>Sample Depth: ^{NO}<u>129/12</u> <u>12'</u> Feet</p> <p>Final PID Reading <u>618 ppm</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 <u>0</u></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>9/29/94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>Dug test hole to 12', TOOK pID Sample, closed pit.</u></p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Ray Deane</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KD 293	946258
MTR CODE SITE NAME:	89243	N/A
SAMPLE DATE TIME (Hrs):	9-29-94	1500
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)	619	MG/KG			2.07	28
HEADSPACE PID	618	PPM				
PERCENT SOLIDS	94.9	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10/6/94