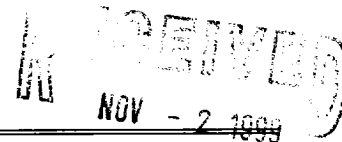


**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Outside

BTEX - TPH

State Com P 12A
Meter/Line ID - 89284



SITE DETAILS

Legals - Twn: 29N
NMOCD Hazard Ranking: 0
Operator: Conoco

Rng: 8

Sec: 36

Unit: 1

Land Type: State

Pit Closure Date: 8/3/94

**OIL CON. DIV.
DIST. 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.

Sandstone was encountered in the test pit at a depth of four feet. The boring was terminated and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. The test pit was then backfilled and the pit area graded in a manner to direct surface runoff from the pit area. Headspace analysis indicated an organic vapor content of 209 ppm; laboratory analysis indicated a TPH concentration of 30,700 mg/kg.

El Paso Field Services Company (EPFS) requests closure of the production pit location noted above 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 four feet making remediation impractical.
- 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.
- 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>89284</u> Location: <u>State Com P 12A</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>E</u> Section <u>36</u> Township: <u>29</u> Range: <u>8</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; margin-top: 10px;"> <div style="width: 45%;"> <input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2) </div> <div style="width: 45%;"> BLM <input type="checkbox"/> (1) State <input checked="" 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; 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 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) </div> <div style="margin-top: 10px;"> Distance to Nearest Ephemeral Stream <div style="display: flex; justify-content: center; margin-left: 50px;"> <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 Jasis Canyon</u>

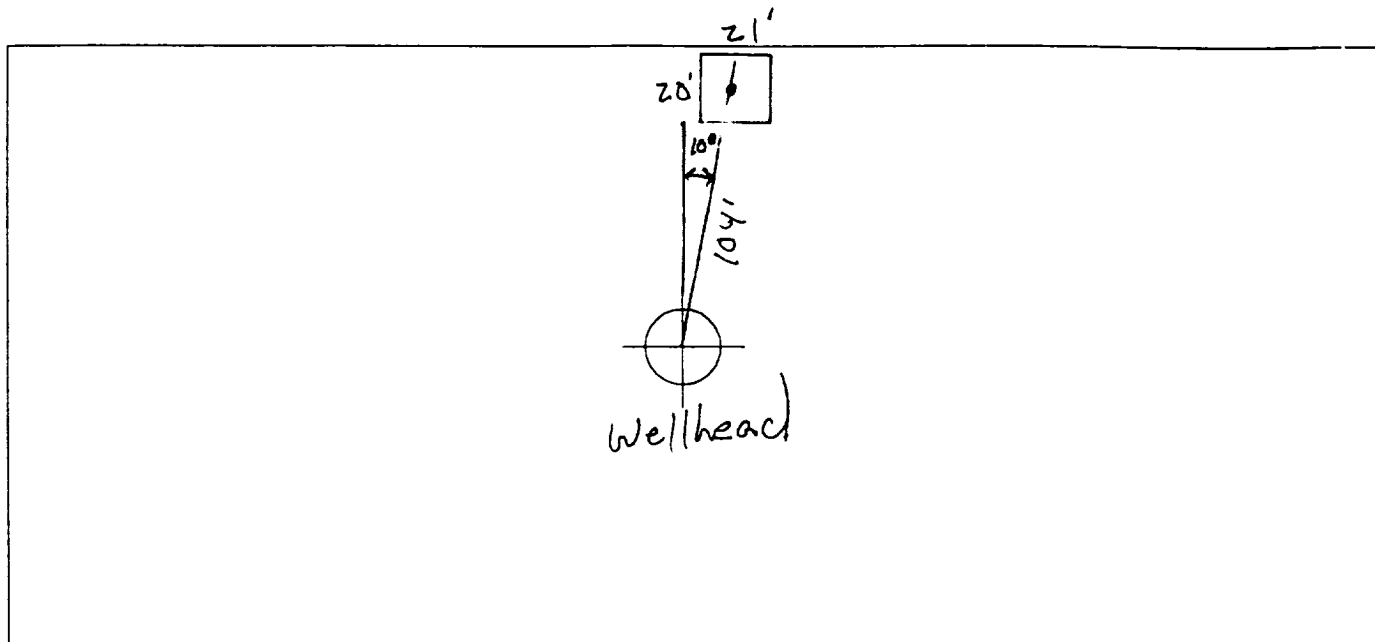
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>89284</u> Location: <u>State Com A-12A</u></p> <p>Operator #: <u>0286</u> Operator Name: <u>CONOCO</u> P/L District: <u>Blanco</u></p> <p>Coordinates: Letter: <u>E</u> Section <u>36</u> Township: <u>29</u> Range: <u>8</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>6-7-94</u> Area: <u>03</u> Run: <u>43</u></p>																
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Land Type:</p> <table border="0"> <tr> <td>Inside</td> <td><input type="checkbox"/> (1)</td> <td>BLM</td> <td><input type="checkbox"/> (1)</td> </tr> <tr> <td>Outside</td> <td><input checked="" type="checkbox"/> (2)</td> <td>State</td> <td><input checked="" type="checkbox"/> (2)</td> </tr> <tr> <td></td> <td></td> <td>Fee</td> <td><input type="checkbox"/> (3)</td> </tr> <tr> <td></td> <td></td> <td>Indian</td> <td>_____</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? <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>Tasi's Canyon</u></p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only)</p> <p><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>	Inside	<input type="checkbox"/> (1)	BLM	<input type="checkbox"/> (1)	Outside	<input checked="" type="checkbox"/> (2)	State	<input checked="" type="checkbox"/> (2)			Fee	<input type="checkbox"/> (3)			Indian	_____
Inside	<input type="checkbox"/> (1)	BLM	<input type="checkbox"/> (1)														
Outside	<input checked="" type="checkbox"/> (2)	State	<input checked="" type="checkbox"/> (2)														
		Fee	<input type="checkbox"/> (3)														
		Indian	_____														
REMARKS	<p>Remarks : <u>Three pits on location. Dehy pit adjacent to meter house. Dry location inside U.Z. on Redline. * Outside on Topo</u></p> <p><u>Push in</u></p>																

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 10 Footage from Wellhead 104
b) Length : 21 Width : 20 -Depth : 4



REMARKS

Remarks :

Photos 1427 hrs.
Bobtail

Completed By:

[Signature]

Signature

6-7-84

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>89284</u> Location: <u>STATE CO. #12A</u></p> <p>Coordinates: Letter: <u>E</u> Section <u>36</u> Township: <u>29</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>8-3-94</u> Run: <u>03</u> <u>43</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK219</u></p> <p>Sample Depth: <u>4</u> Feet</p> <p>Final PID Reading <u>209</u> PID Reading Depth <u>4'</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"/> Tierra <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>8-3-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>ENGINE LINES NOT MARKED SOIL LIGHT GRAY STRONG</u></p> <p><u>HYDROCARBON ODO. HIT SANDSTONE 4</u></p>
	<p>Signature of Specialist: <u>Morgan Lillian</u></p>



CHAIN OF CUSTODY RECORD

PROJECT NUMBER		PROJECT NAME		Pit Closure Project # 24324		DATE: 8-3-94		SAMPLERS: (Signature)		Morgan Killian	
LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBERS OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1	BTEX EPA 8020	REQUESTED ANALYSIS		
5829	8-3-94	08:35	Soil	MK 214	1	UG	X				192 Gray soil Strong Hydrocarbon odor
5830	8-3-94	10:08	Soil	MK 215	1	UG	X				193 Brown soil Strong Hydrocarbon odor
5831	8-3-94	11:57	Soil	MK 216	1	UG	X				194 Brown soil Strong Hydrocarbon odor
5832	8-7-94	12:51	Soil	MK 217	1	UG	X				195 Gray soil Slight Hydrocarbon odor
5833	8-3-94	14:15	Soil	MK 218	1	UG	X				196 Grayish black Strong Hydrocarbon odor
5834	8-3-94	15:18	Soil	MK 219	1	UG	X				197 Light gray Strong Hydrocarbon odor
<div style="display: flex; justify-content: space-between;"> <div> <p>RELINQUISHED BY: (Signature)</p> <p>Morgan Killian</p> </div> <div> <p>DATE/TIME</p> <p>34</p> </div> <div> <p>RECEIVED BY: (Signature)</p> <p>Brenda Kiss</p> </div> <div> <p>DATE/TIME</p> <p>17:14 8-3-94</p> </div> <div> <p>RECEIVED BY: (Signature)</p> <p>Brenda Kiss</p> </div> <div> <p>DATE/TIME</p> <p>240</p> </div> <div> <p>RECEIVED BY: (Signature)</p> <p>Kim K...</p> </div> </div>											
<div style="display: flex; justify-content: space-between;"> <div> <p>RELINQUISHED BY: (Signature)</p> <p>Morgan Killian</p> </div> <div> <p>DATE/TIME</p> <p>17:14 8-3-94</p> </div> <div> <p>RECEIVED BY: (Signature)</p> <p>Brenda Kiss</p> </div> <div> <p>DATE/TIME</p> <p>17:14 8-3-94</p> </div> <div> <p>RECEIVED BY: (Signature)</p> <p>Brenda Kiss</p> </div> <div> <p>DATE/TIME</p> <p>240</p> </div> <div> <p>RECEIVED BY: (Signature)</p> <p>Kim K...</p> </div> </div>											
<div style="display: flex; justify-content: space-between;"> <div> <p>REQUESTED TURNAROUND TIME:</p> <p><input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH</p> </div> <div> <p>CARRIER CO.</p> </div> <div> <p>RESULTS & INVOICES TO:</p> <p>FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499</p> </div> </div>											
<div style="display: flex; justify-content: space-between;"> <div> <p>BILL NO.:</p> </div> <div> <p>CHARGE CODE</p> </div> <div> <p>505-599-2144</p> </div> <div> <p>FAX: 505-599-2261</p> </div> </div>											



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mk 219	945834
MTR CODE SITE NAME:	89284	N/A
SAMPLE DATE TIME (Hrs):	8-3-94	1518
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	8-4-94	8-4-94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Fine sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	30,700	MG/KG			0.19	28
HEADSPACE PID	209	PPM				
PERCENT SOLIDS	88.9	%				

— TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 —

The Surrogate Recovery was at N/A % for this sample All QA/QC was acceptable.
rative:

DF = Dilution Factor Used

Approved By: J.P.

Date: 8/12/94