

# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

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Scheon LS #1  
Meter/Line ID – 70168

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## SITE DETAILS

Legals - Twn: 30N	Rng: 10W	Sec: 27	Unit: N
NMOCD Hazard Ranking: 0		Land Type: BLM	
Operator: Amoco		Pit Closure Date: 06/09/94	

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## **RATIONALE FOR RISK-BASED CLOSURE**

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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 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 84 ppm; laboratory analysis indicated a TPH concentration of 698 mg/kg. This site was re-assessed on December 10, 1997, 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. 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 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

**REVISED**  
**FIELD PIT SITE ASSESSMENT FORM**



<b>GENERAL</b>	<p>Meter: <u>70168</u> Location: <u>Scheon LS#1</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>N</u> Section <u>27</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>12/10/97</u> Area: _____ Run: _____</p>
<b>SITE ASSESSMENT</b>	<p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p><b>Land Type:</b></p> <p style="margin-left: 150px;">BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p><b>Depth to Groundwater</b></p> <p style="margin-left: 150px;">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)</p> <p><b>Wellhead Protection Area</b></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="margin-left: 150px;"><input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p><b>Horizontal Distance to Surface Water Body</b></p> <p style="margin-left: 150px;">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)</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) &lt; 100' (Navajo Pits Only) <input type="checkbox"/> (2) &gt; 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>
<b>REMARKS</b>	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Pit is &lt; 1000' From Cerritos Canyon</u></p>

# FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>70168</u> Location: <u>SCHOEN LS #1</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>BLOOMFIELD</u></p> <p>Coordinates: Letter: <u>N</u> Section <u>27</u> Township: <u>30</u> Range: <u>10</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>5.3.94</u> Area: <u>10</u> Run: <u>73</u></p>				
	<table border="0"> <tr> <td data-bbox="203 680 487 819" rowspan="2"> <b>NMOCD Zone:</b>            (From NMOCD            Maps)         </td> <td data-bbox="568 787 730 883">           Inside            Outside         </td> <td data-bbox="885 787 1023 893"> <input type="checkbox"/> (1)  <input checked="" type="checkbox"/> (2)         </td> <td data-bbox="909 702 1153 755"> <b>Land Type:</b> </td> <td data-bbox="1193 702 1485 904">           BLM <input checked="" type="checkbox"/> (1)            State <input type="checkbox"/> (2)            Fee <input type="checkbox"/> (3)            Indian _____         </td> </tr> </table> <p><b>Depth to Groundwater</b></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><b>Wellhead Protection Area :</b></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><b>Horizontal Distance to Surface Water Body</b></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, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only)</p> <p><input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>10</u> POINTS</p>	<b>NMOCD Zone:</b> (From NMOCD Maps)	Inside Outside	<input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2)	<b>Land Type:</b>
<b>NMOCD Zone:</b> (From NMOCD Maps)	Inside Outside		<input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2)	<b>Land Type:</b>	BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____
	SITE ASSESSMENT	<p>Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. REDLINE SHOWS LOCATION IS INSIDE THE V.Z. BUT TOPO SHOWS THAT IT IS OUTSIDE THE V.Z.</u></p>			
REMARKS		<p><b>PUSH IN</b></p> <p>(SP3190) 04/08/94</p>			

## ORIGINAL PIT LOCATION

The diagram shows a wellhead (represented by a circle) and a rectangular structure. A north arrow (N) is drawn vertically above the wellhead. A line segment connects the wellhead to the center of the rectangle. The angle between the north arrow and this line is labeled  $83^\circ$ . The distance between the wellhead and the rectangle is labeled  $57'$ . The rectangle has a width of  $21'$  and a height of  $23'$ .

## REMARKS

TOOK PICTURES AT 1:55 P.M.

END DUMP

  
Signature

5.3.94  
Date

# FIELD IT REMEDIATION/CLOSURE FORM

<b>GENERAL</b>	<p>Meter: <u>70168</u> Location: <u>Schoen LS #1</u></p> <p>Coordinates: Letter: <u>N</u> Section <u>27</u> Township: <u>30</u> Range: <u>10</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : _____ Area: <u>10</u> Run: <u>73</u></p>
<b>FIELD OBSERVATIONS</b>	<p>Sample Number(s): <u>VW187</u></p> <p>Sample Depth: <u>12</u> Feet</p> <p>Final PID Reading <u>84</u> PID Reading Depth <u>12</u> Feet</p> <p style="text-align: center;">Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth _____ Feet</p>
<b>CLOSURE</b>	<p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> (1) Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/> (2)</p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/> (3)</p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> (1) <input type="checkbox"/> (3) Tierra</p> <p>Other Facility <input type="checkbox"/> (2) Name: _____</p> <p>Pit Closure Date: <u>6-9-94</u> Pit Closed By: <u>BEI</u></p>
<b>REMARKS</b>	<p><b>Remarks :</b> <u>line markers on site, strong hydrocarbon odor 0-12'</u></p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Vale Wilson</u></p>

# CHAIN OF CUSTODY RECORD

Page \_\_\_\_\_ of \_\_\_\_\_

PROJECT NUMBER		PROJECT NAME		Pit Closure Project # 24324		CONTRACT LABORATORY P. O. NUMBER	
SAMPLERS: (Signature)		DATE		DATE		REMARKS	
Vale Wilson		6-9-94		6-9-94			
LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	SAMPLE TYPE	REQUESTED ANALYSIS	REMARKS
	6-9-94	8:45	Soil	VW178	1 VG	TPH EPA 418.1 BTX EPA 8020	58
	6-9-94	9:30	Soil	VW179	1 VG		158
	6-9-94	10:00	Soil	VW180	1 VG		159
	6-9-94	10:40	Soil	VW181	1 VG		160
	6-9-94	10:40	Soil	VW182	1 D		161
	6-9-94	10:45	Soil	VW183	1 B		
	6-9-94	11:45	Soil	VW184	1 VG		162
	6-9-94	12:25	Soil	VW185	1 VG		163
	6-9-94	12:30	Soil	VW186	1 VG		164
	6-9-94	14:00	Soil	VW187	1 VG		165
	6-9-94	14:55	Soil	VW188	1 VG		166
	6-9-94	15:30	Soil	VW189	1 VG		167

  

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Vale Wilson	6-9-94 17:40	Penda Rios	6-9-94 10:40		
	6-9-94				

  

REQUESTED TURNAROUND TIME:	ROUTINE	RUSH	CARRIER CO.	BILL NO.:
	<input type="checkbox"/>	<input type="checkbox"/>		

  

RESULTS & INVOICES TO:	CHARGE CODE
FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499	505-599-2144



# FIELD SERVICES LABORATORY

## ANALYTICAL REPORT

### PIT CLOSURE PROJECT - Soil

#### SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KPK 6-10-94 VW 70168 VW187	945419
MTR CODE   SITE NAME:	70168	N/A
SAMPLE DATE   TIME (Hrs):	6-9-94	1400
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	6/10/94	6/10/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Coarse Black Sand/Clay

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)	698	MG/KG			2.06	28
HEADSPACE PID	84	PPM				
PERCENT SOLIDS	89.5	%				

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

Surrogate Recovery was at  
Narrative:

N/A % for this sample All QA/QC was acceptable.

DF = Dilution Factor Used

Approved By:

*John Larch*

Date:

6/16/94