

# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

*Foster* Foster #1  
Meter/Line ID - 70556

SITE DETAILS			
Legals - Twn: 26N	Rng: 7W	Sec: 17	Unit: D
NMOCD Hazard Ranking: 0		Land Type: BLM	
Operator: T. Jack Foster		Pit Closure Date: 09/22/94	

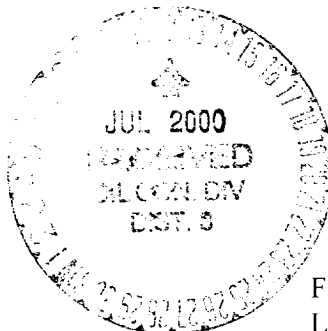
## RATIONALE FOR RISK-BASED CLOSURE

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 five feet and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit and bedrock was encountered at five feet below ground surface. 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 2 ppm; laboratory analysis indicated a TPH concentration of 270 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.
- Bedrock was encountered at five feet below ground surface.
- 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>70556</u> Location: <u>Foster #1</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>D</u> Section <u>17</u> Township: <u>26</u> Range: <u>7</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)</p> <p style="margin-left: 150px;">Outside <input checked="" type="checkbox"/> (2)</p> <p style="margin-left: 150px;">Land Type: 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>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><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="text-align: center;"><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, 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><b>TOTAL HAZARD RANKING SCORE:</b> <u>0</u> <b>POINTS</b></p>
<b>REMARKS</b>	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is &lt; 500' From Big Rincon Wash</u></p>

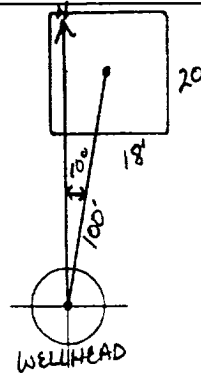
# FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>70556</u> Location: <u>FOSTER #1</u> Operator #: _____ Operator Name: <u>T. JACK FOSTER P/L</u> District: <u>BALLARD</u> Coordinates: Letter: <u>D</u> Section <u>17</u> Township: <u>26</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>6.22.94</u> Area: <u>07</u> Run: <u>41</u>	
	<div> <div>NMOCD Zone:</div> <div>(From NMOCD Maps)</div> <div> <div>Inside</div> <div>Outside</div> </div> <div> <input type="checkbox"/> (1)  <input checked="" type="checkbox"/> (2) </div> </div> <div> <div>Land Type:</div> <div>BLM</div> <div>State</div> <div>Fee</div> <div>Indian</div> </div> <div> <input checked="" type="checkbox"/> (1)  <input type="checkbox"/> (2)  <input type="checkbox"/> (3)            _____         </div>	
SITE ASSESSMENT	<div> <div>Depth to Groundwater</div> <div>Less Than 50 Feet (20 points)</div> <div>50 Ft to 99 Ft (10 points)</div> <div>Greater Than 100 Ft (0 points)</div> </div> <div> <input type="checkbox"/> (1)  <input type="checkbox"/> (2)  <input checked="" type="checkbox"/> (3) </div>	
	<div> <div>Wellhead Protection Area :</div> <div>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> <div> <input type="checkbox"/> (1) YES (20 points) </div> <div> <input checked="" type="checkbox"/> (2) NO (0 points) </div> </div> <div> <div>Horizontal Distance to Surface Water Body</div> <div>Less Than 200 Ft (20 points)</div> <div>200 Ft to 1000 Ft (10 points)</div> <div>Greater Than 1000 Ft (0 points)</div> </div> <div> <input type="checkbox"/> (1)  <input checked="" type="checkbox"/> (2)  <input type="checkbox"/> (3) </div> <div> <div>Name of Surface Water Body</div> <div><u>BIG RINCON CANYON</u></div> <div>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</div> <div>Distance to Nearest Ephemeral Stream</div> <div> <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only)  <input type="checkbox"/> (2) &gt; 100' </div> </div> <div> <div>TOTAL HAZARD RANKING SCORE:</div> <div><u>10</u> POINTS</div> </div>	
REMARKS	Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS ON A HILL AT THE BASE OF SOME CLIFFS IN BIG RINCON CANYON. REDLINE SHOWS LOCATION IS INSIDE V.Z. BUT TOPO SHOWS THAT LOCATION IS OUTSIDE V.Z.</u>	

## ORIGINAL PIT LOCATION

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Original Pit : a) Degrees from North 16° Footage from Wellhead 100'  
b) Length : 20' Width : 18' Depth : 2'



## REMARKS

Remarks :

TOOK PICTURES AT 2:21 P.M.

END DUMP

Completed By:

Robert Thompson  
Signature

6.22.94  
Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>70556</u> Location: <u>Foster #1</u> Coordinates: Letter: <u>D</u> Section <u>17</u> Township: <u>26</u> Range: <u>2</u> Or Latitude _____ Longitude _____ Date Started : <u>9-22-94</u> Run: <u>07</u> <u>41</u>
FIELD OBSERVATIONS	Sample Number(s): <u>VW 329</u> Sample Depth: <u>5'</u> Feet Final PID Reading <u>2</u> PID Reading Depth <u>5'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation <input type="checkbox"/> Approx. Cubic Yards _____ Onsite Bioremediation <input type="checkbox"/> Backfill Pit Without Excavation <input checked="" type="checkbox"/> Soil Disposition: Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/> Other Facility <input type="checkbox"/> Name: _____ Pit Closure Date: <u>9-22-94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>5' sandstone</u> <u>10yds F.II</u>
Signature of Specialist:	<u>Vale Wilson</u>



## CHAIN OF CUSTODY RECORD

[illegible]



**FIELD SERVICES LABORATORY  
ANALYTICAL REPORT**

**PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone**

**SAMPLE IDENTIFICATION**

	Field ID	Lab ID
SAMPLE NUMBER:	VW 329	946202
MTR CODE   SITE NAME:	70556	N/A
SAMPLE DATE   TIME (Hrs):	9-22-94	1445
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	9-27-94	
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Light brown sand & clay

REMARKS:

**RESULTS**

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	270	MG/KG			2.27	28
HEADSPACE PID	2	PPM				
PERCENT SOLIDS	92.2	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

10/6/94