

# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Risk  
BTFx

**Florance No. 84**  
**Meter/Line ID – 75782**

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## SITE DETAILS

<b>Legals - Twn: 29N</b>	<b>Rng: 9W</b>	<b>Sec: 21</b>	<b>Unit: I</b>
<b>NMOCD Hazard Ranking: 10</b>		<b>Land Type: BLM</b>	
<b>Operator: Amoco</b>		<b>Pit Closure Date: 07/18/94</b>	

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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 623 ppm; laboratory analysis indicated a TPH concentration of 450 mg/kg. This site was re-assessed on April 8, 1998, 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.
- 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>	Meter: <u>75782</u> Location: <u>Florence # 84</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>I</u> Section <u>21</u> Township: <u>29</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>4/8/98</u> Area: _____ Run: _____
<b>SITE ASSESSMENT</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>NMOCD Zone:</b>            (From NMOCD Maps)         </div> <div style="width: 45%;"> <b>Land Type:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <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;"> <b>Depth to Groundwater</b>        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)     </div> <div style="margin-top: 10px;"> <b>Wellhead Protection Area</b>        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;"> <b>Horizontal Distance to Surface Water Body</b>        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: space-around; margin-top: 5px;"> <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only)  <input type="checkbox"/> (2) &gt; 100'       </div> </div> <div style="margin-top: 10px;"> <b>TOTAL HAZARD RANKING SCORE:</b> <u>10</u> <b>POINTS</b> </div>
<b>REN RKS</b>	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is &lt; 100' vertical from Large Canyon</u>

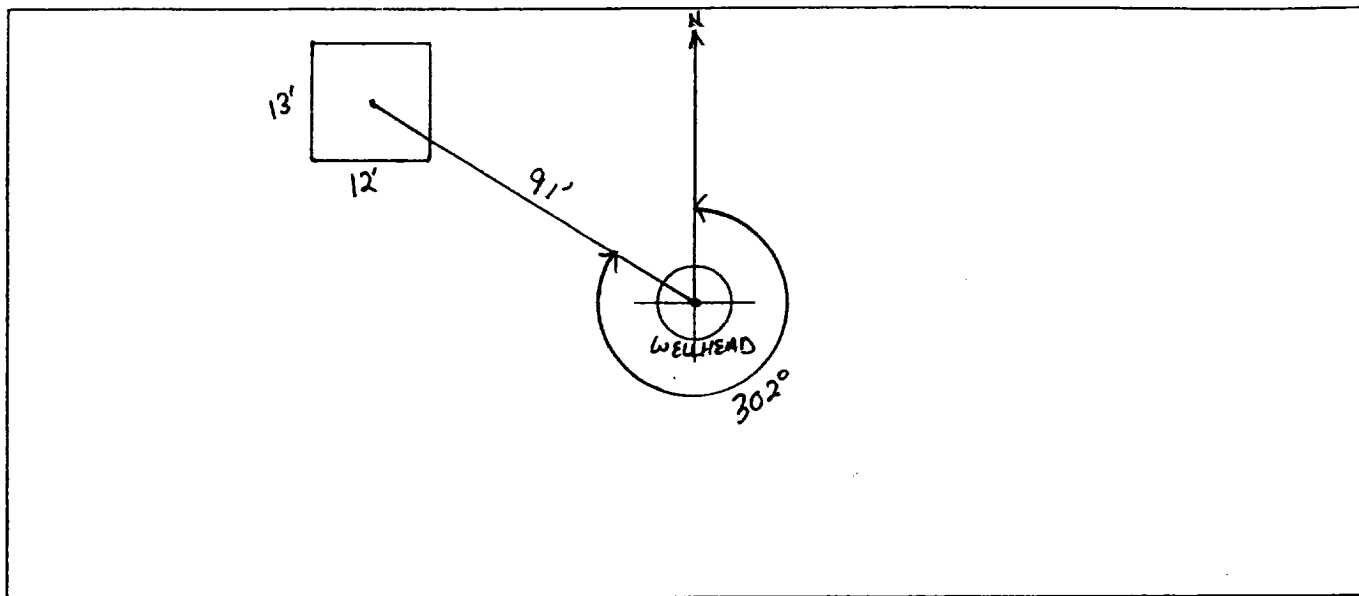
# FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>75782</u> Location: <u>FLORANCE #84</u> Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>BLANCO</u> Coordinates: Letter: <u>I</u> Section <u>21</u> Township: <u>29</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>5.13.94</u> Area: <u>13</u> Run: <u>22</u>								
SITE ASSESSMENT	<b>NMOCD Zone:</b> (From NMOCD Maps)								
	<b>Land Type:</b> <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	<b>Depth to Groundwater</b> 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)								
	<b>Wellhead Protection Area :</b> 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)								
<b>Horizontal Distance to Surface Water Body</b> 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 _____ (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'									
<b>TOTAL HAZARD RANKING SCORE:</b> <u>10</u> POINTS									
Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS ON A RIDGE ABOVE AND NORTH OF LARGO WASH. REDLINE SHOWS LOCATION IS INSIDE U.Z. BUT TADP SHOWS THAT IT IS OUTSIDE U.Z.</u>									

PUSH 1A1

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 302° Footage from Wellhead 91'  
 b) Length : 13' Width : 12' Depth : 2'



## REMARKS :

TOOK PICTURES AT 9:56 A.M.

END DUMP

Completed By:

Robert Thompson  
 Signature

5.13.94  
 Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>75782</u> Location: <u>FLOrence #84</u></p> <p>Coordinates: Letter: <u>I</u> Section <u>21</u> Township: <u>29</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>7-18-94</u> Run: <u>13</u> <u>22</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK 146</u></p> <p>Sample Depth: <u>12</u> Feet</p> <p>Final PID Reading <u>623</u> PID Reading Depth <u>12</u> Feet</p> <p>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>7-18-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>EPNG lines Not marked Soil Gray Strong</u></p> <p><u>Hydro Carbon odor Hit sand stone 12'</u></p>
	<p>Signature of Specialist: <u>Morgan Xillion</u></p>



## FIELD SERVICES LABORATORY

### ANALYTICAL REPORT

#### PIT CLOSURE PROJECT - Soil

#### SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK146	945700
MTR CODE   SITE NAME:	75782	N/A
SAMPLE DATE   TIME (Hrs):	7/18/94	1038
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	7/19/94	7/19/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Lt. Grey 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)	450	MG/KG			2.03	28
HEADSPACE PID	623	PPM				
PERCENT SOLIDS	97.77	%				

— 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.  
Narrative:

DF = Dilution Factor Used

0/0/00



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