

*Dennis E. Frost*  
EL PASO FIELD SERVICES  
DEPUTY OIL & GAS INSPECTOR  
PIT CLOSURE REPORT

AUG 09 1999

RIDDLE F 3 (PC)  
Meter/Line ID - 71905

SITE DETAILS

*Approved*  
Legals - Twp: 28N - Rng: 8W

Sec: 20

Unit: A

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Amoco Production Company

PREVIOUS ACTIVITIES

Site Assessment: May-94

Test Excavation: Jul-94

A test excavation was conducted on the pit and a soil sample was collected at 10 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 29 ppm. Soil analytical results were as follows: TPH (418.1) 865 mg/kg.

CONCLUSIONS

The primary source, discharge to the pit, has been removed and the pit has been closed for over four years.

Groundwater was not encountered and an analytical soil sample, collected from below the pit, was below New Mexico Oil Conservation Division (NMOCD) standards for a pit with a hazard ranking of 10. Impact to groundwater is unlikely and no excavation of soils from the pit was required to meet closure standards. The pit was filled with clean fill dirt during final pit closure activities.

RECOMMENDATIONS

- EPFS requests closure at this site.

ATTACHMENT

Field Pit Assessment Form  
Field Pit Remediation/Closure Form  
Laboratory Analytical Results  
Chain of Custody

RECEIVED  
JUN 22 1999

OIL CON. DIV.  
DIST. 3

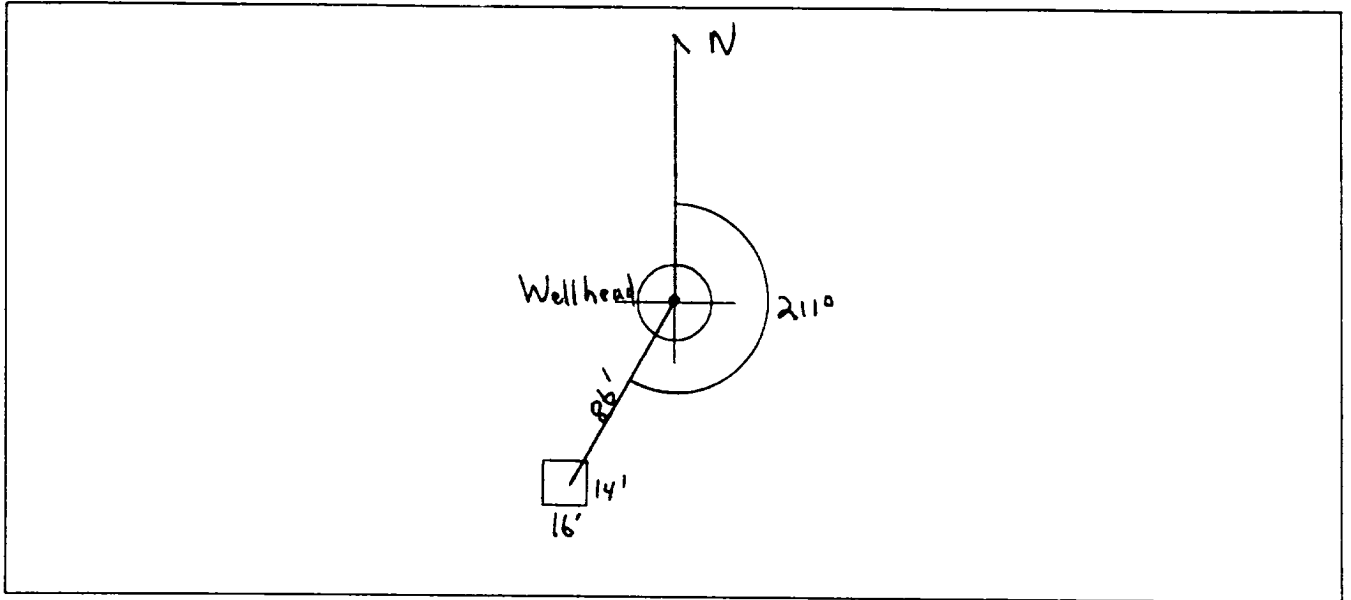
# FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>71905</u> Location: <u>Riddle F 3 (PC)</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>AMDCD</u> P/L District: <u>Blanco</u></p> <p>Coordinates: Letter: <u>A</u> Section <u>20</u> Township: <u>28</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>5/23/94</u> Area: <u>13</u> Run: <u>21</u></p>
SITE ASSESSMENT	<p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p><b>Land Type:</b> BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p><b>Depth to Groundwater</b> 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> 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> Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Sarriza Canyon</u> (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) <input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>10</u> POINTS</p>
REMARKS	<p>Remarks : <u>Redline - Inside, Vuln - Outside</u> <u>6 pits. Close 2. (1 PC + 1 MV) PC pit Dry</u></p> <p><u>PUSH-IN</u></p>

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 211° Footage from Wellhead 86'  
 b) Length : 16' Width : 14' Depth : 2'

ORIGINAL PIT LOCATION



## REMARKS :

Pictures @ 114b (22-26)  
Dump Truck

REMARKS

Completed By:

Cory Chase  
 Signature

5/23/94  
 Date

# FIELD PIT REMEDIATION/CLOSURE FORM

<b>GENERAL</b>	Meter: <u>71905</u> Location: <u>Riddle F #3 (PL)</u> Coordinates: Letter: <u>A</u> Section <u>20</u> Township: <u>28</u> Range: <u>8</u> Or Latitude _____ Longitude _____ Date Started : <u>7-18-94</u> Run: <u>13</u> <u>31</u>
<b>FIELD OBSERVATIONS</b>	Sample Number(s): <del>AK 158</del> <sup>AK 7-18-94</sup> <u>AK 160</u> Sample Depth: <u>10'</u> Feet Final PID Reading <u>29</u> PID Reading Depth <u>10'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
<b>CLOSURE</b>	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div>           Excavation            Onsite Bioremediation            Backfill Pit Without Excavation <input checked="" type="checkbox"/> </div> <div> <input type="checkbox"/> Approx. Cubic Yards _____  <input type="checkbox"/>  <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div>           Envirotech <input type="checkbox"/>            Other Facility <input type="checkbox"/> </div> <div> <input type="checkbox"/> Tierra            Name: _____         </div> </div> Pit Closure Date: <u>7-18-94</u> Pit Closed By: <u>BEI</u>
<b>REMARKS</b>	Remarks : <u>EPNG INS marked soil Brown slight</u> <u>Hydrocarbon odor Hit sandstone 10'</u>  
	Signature of Specialist: <u>Morgan Killion</u>



## FIELD SERVICES LABORATORY

### ANALYTICAL REPORT

### PIT CLOSURE PROJECT - Soil

#### SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK160	945717
MTR CODE   SITE NAME:	71905	N/A
SAMPLE DATE   TIME (Hrs):	7-19-94	1333
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	7/21/94	7/21/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Fine Brown 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)	865	MG/KG			2.11	28
HEADSPACE PID	29	PPM				
PERCENT SOLIDS	96.5	%				

— 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

Approved By:

S. P.

8/8/94