

Outside 1415 K - Bahok K

# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

BTEX

TPH

San Juan 28-7 Unit 59  
Meter/Line ID - 71419

RECEIVED  
NOV - 2 1999

OIL CON. DIV.  
DIST. 3

## SITE DETAILS

Legals - Twn: 28N  
NMOCD Hazard Ranking: 0  
Operator: Amoco

Rng: 7W

Sec: 29 Unit: B  
Land Type: BLM  
Pit Closure Date: 8/18/94

## 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 (NMCD) Unlined Surface Impoundment Closure Guidelines.

Sandstone was encountered in the test excavation at five feet. The excavation 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 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 132 ppm; laboratory analysis indicated a TPH concentration of 5,330 mg/kg.

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 over four years.
- Bedrock was encountered at five feet below ground surface making remediation impracticable.
- 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.
- There are no water supply wells or potential surface water receptors within 1,000 feet of the site.
- 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

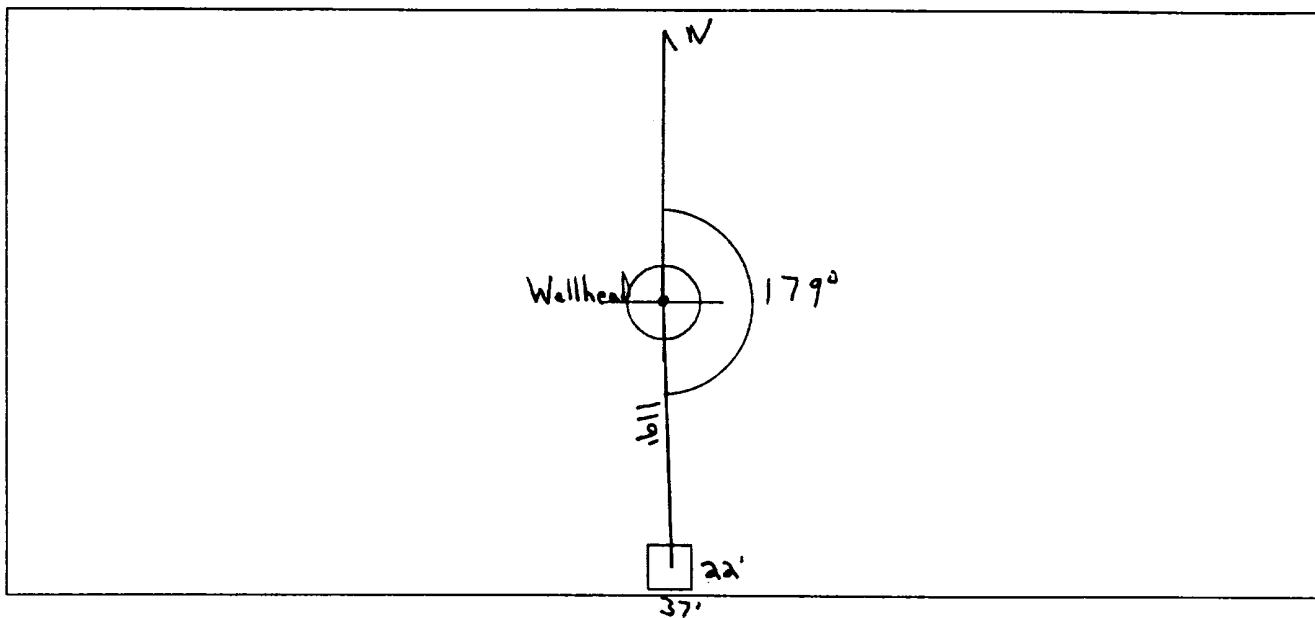
GENERAL	Meter: <u>71419</u> Location: <u>San Juan 28-7 Unit 59</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>B</u> Section <u>29</u> Township: <u>28</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>2/13/98</u> Area: _____ Run: _____			
SITE ASSESSMENT	<b>NMOCD Zone:</b> (From NMOCD Maps)		<b>Land Type:</b> Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____
	<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)			
	<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, 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'			
	TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS			
	Remarks : Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. 2 sites in Letter B. Both outside. Within 20 vertical Feet of each other. Both sites >1000' to the center of Carrizo Canyon			
	REMARKS			

# FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>71419</u> Location: <u>San Juan 28-7 Unit 59</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Amos</u> P/L District: <u>Blanco</u></p> <p>Coordinates: Letter: <u>B</u> Section <u>29</u> Township: <u>28</u> Range: <u>7</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>5/27/94</u> Area: <u>13</u> Run: <u>61</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>Carrizo 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>Spits. Will close. Pit D. r</u></p> <p><u>PUSH IN</u></p>

### ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 179° Footage from Wellhead 119'  
 b) Length : 37' Width : 22' Depth : 4'



### REMARKS :

Pictures 15/5 (11-15)  
Dump Truck

Completed By:

Cory Chase  
 Signature

5/27/94  
 Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71419</u> Location: <u>SAN JUAN #28-7 #59</u></p> <p>Coordinates: Letter: <u>B</u> Section <u>29</u> Township: <u>28</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>8-18-94</u> Run: <u>13</u> <u>61</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <sup>mk 8-18-94</sup> <del>mk 278</del> <u>mk 277</u></p> <p>Sample Depth: <u>5'</u> Feet <sup>as copied from sample jar.</sup></p> <p>Final PID Reading <u>132</u> <sup>KPK 8/19/94</sup> PID Reading Depth <u>5'</u> Feet</p> <p>Groundwater Encountered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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>8-18-94</u> Pit Closed By: <u>BEJ</u></p>
REMARKS	<p>Remarks : <u>EPUB LINGS NOT HARD SOIL GRAY STRONG HYDROCARBON</u></p> <p><u>ODOR HIT SAND STONE 5'</u></p>
	<p>Signature of Specialist: <u>Morgan Killian</u></p>



## 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:	mk 277	9459-5
MTR CODE   SITE NAME:	71419	N/A
SAMPLE DATE   TIME (Hrs):	8-18-94	1405
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	8-24-94	8/24/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	light grey coarse sand

REMARKS:

#### RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	5330	MG/KG			1.51	28
HEADSPACE PID	132	PPM				
PERCENT SOLIDS	91.2	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

J-L

Date:

9/2/94