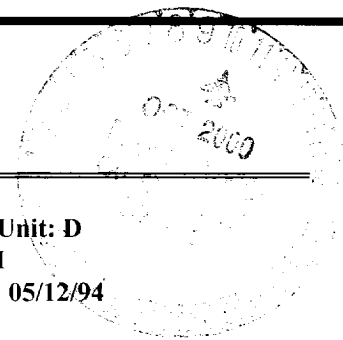


# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Risk  
Bedrock

**Federal H #1**  
**Meter/Line ID – 75124**



## SITE DETAILS

Legals - Twn: 30N	Rng: 11W	Sec: 33	Unit: D
NMOCD Hazard Ranking: 0		Land Type: BLM	
Operator: Meridian		Pit Closure Date: 05/12/94	

## 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 four feet below ground surface where bedrock was encountered and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. 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 228 ppm; laboratory analysis indicated a TPH concentration of <10 mg/kg. The site was re-assessed on April 13, 1998, due to the original assessment that 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 six years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- 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 was below required remediation levels.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 1000 feet; therefore, impact to groundwater is unlikely.
- Bedrock was encountered at four feet below ground surface; therefore, impact to groundwater is unlikely.

## ATTACHMENT

Field Pit Assessment Form  
Field Pit Remediation/Closure Form

Revised Field Pit Assessment Form  
Laboratory Analytical Results

# REVISED

## FIELD PIT SITE ASSESSMENT FORM

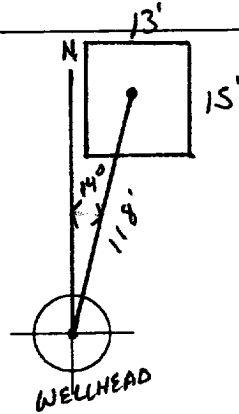
<b>GENERAL</b>	Meter: <u>75124</u> Location: <u>Federal H#1</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>D</u> Section <u>33</u> Township: <u>30</u> Range: <u>11</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>4/13/98</u> Area: _____ Run: _____
<b>SITE ASSESSMENT</b>	<div style="display: flex; justify-content: space-between;"> <div> <b>NMOCD Zone:</b>            (From NMOCD Maps)         </div> <div> <b>Land Type:</b>  <input type="checkbox"/> (1) Inside  <input checked="" type="checkbox"/> (2) Outside         </div> <div> <b>BLM</b> <input checked="" type="checkbox"/> (1)  <b>State</b> <input type="checkbox"/> (2)  <b>Fee</b> <input type="checkbox"/> (3)  <b>Indian</b> _____         </div> </div> <b>Depth to Groundwater</b> Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)
<b>REMARKS</b>	<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: center; gap: 50px;"> <input type="checkbox"/> (1) YES (20 points)           <input checked="" type="checkbox"/> (2) NO (0 points)         </div> <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>20</u> POINTS
<b>REMARKS</b>	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is &lt;50' from center of Ruin Canyon</u>

# FIELD PIT SITE ASSESSMENT FORM

<b>GENERAL</b>	<p>Meter: <u>75124</u> Location: <u>FEDERAL H #1</u></p> <p>Operator #: <u>1987</u> Operator Name: <u>MERIDIAN P/L</u> District: <u>KUTZ</u></p> <p>Coordinates: Letter: <u>D</u> Section <u>33</u> Township: <u>30</u> Range: <u>11</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Visit Date: <u>3.18.94</u> Run: <u>02</u> <u>41</u></p>
<b>SITE ASSESSMENT</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>NMOCD Zone:</b> Inside <input type="checkbox"/> (From NMOCD Maps) Vulnerable Zone <input type="checkbox"/> Outside <input checked="" type="checkbox"/></p> </div> <div style="width: 45%;"> <p><b>Land Type:</b> BLM <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Indian _____</p> </div> </div> <p><b>Depth to Groundwater</b></p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/></p> <p>50 Ft to 99 Ft (10 points) <input type="checkbox"/></p> <p>Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/></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"/> YES (20 points) <input checked="" type="checkbox"/> NO (0 points)</p> <p><b>Horizontal Distance to Surface Water Body</b></p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/></p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/></p> <p>Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/></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><b>TOTAL HAZARD RANKING SCORE:</b> <u>0</u> <b>POINTS</b></p>
<b>REMARKS</b>	<p>Remarks : <u>ONLY PIT ON LOCATION. DEHY HAS NOT BEEN DISCONNECTED FROM PIT YET. PIT IS DRY</u></p>

## ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 14° Footage to Wellhead 118'  
 b) Degrees from North \_\_\_\_\_ Footage to Dogleg \_\_\_\_\_  
 Dogleg Name \_\_\_\_\_  
 c) Length : 15' Width : 13' Depth : 2'



### REMARKS :

STARTED TAKING PICTURES AT 2:45 P.M.  
END DUMP

Completed By:

Robert Thompson  
 Signature

3.18.94  
 Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 75124 Location: Federal H #1  
 Coordinates: Letter: D Section 33 Township: 30 Range: 11  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Date Started : 5-12-94 Area: 02 Run: 41

FIELD OBSERVATIONS

Sample Number(s): VW67  
 Sample Depth: 4' Feet  
 Final PID Reading 228 PID Reading Depth 4' Feet  
 Yes No  
 Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth \_\_\_\_\_ Feet

CLOSURE

Remediation Method :  
 Excavation ☐ (1) Approx. Cubic Yards \_\_\_\_\_  
 Onsite Bioremediation ☐ (2)  
 Backfill Pit Without Excavation ☒ (3)  
 Soil Disposition:  
 Envirotech ☐ (1) ☐ (3) Tierra  
 Other Facility ☐ (2) Name: \_\_\_\_\_  
 Pit Closure Date: 5-12-94 Pit Closed By: BEI

REMARKS

Remarks : NO line markers. Hit Sandstone 4'

Signature of Specialist: Vale Wilson



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT  
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	4667	94/5149
MTR CODE   SITE NAME:	75124	N/A
SAMPLE DATE   TIME (Hrs):	5-12-94	1550
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	5/16/94	5/16/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Sand Stone Course

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)	<10	MG/KG			2.14	28
HEADSPACE PID	228	PPM				
PERCENT SOLIDS	90.9	%				

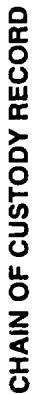
-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at \_\_\_\_\_ % for this sample All QA/QC was acceptable.  
Negative:

DF = Dilution Factor Used

Approved By: John Sartin

Date: 5/21/94



## CHAIN OF CUSTODY RECORD

**White - Testing Laboratory**      **Canary - EPNG Lab**      **Pink - Field Sampler**