

**EL PASO FIELD SERVICES  
PRODUCTION PIT CLOSURE**

Risk - depth production  
Outside -  
BTEX + TPH ← No Ventilation

Newsom B #9E  
Meter/Line ID - 94237

**RECEIVED**  
NOV - 2 1999

**SITE DETAILS**

Legals - Twn: 26N

Rng: 8W

Sec: 7

Unit: 10

NMOCD Hazard Ranking: 0

Land Type: BLM

Operator: Meridian

Pit Closure Date: 9/15/94

**OIL CON. DIV.**  
DIST. 3

**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 12 feet. Groundwater was not encountered during excavation of the test pit. The test pit was terminated at 12 feet and a soil sample was collected for field headspace analysis and laboratory analysis of TPH. The test pit was then backfilled and the pit area graded in a manner to divert precipitation away from the pit area. Headspace analysis indicated an organic vapor content of 272 mg/kg; laboratory analysis indicated a TPH concentration of 28,700 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.
- 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 potential receptors located within 1,000 feet of the site.
- Residual hydrocarbons in the soil at the bottom of the excavation 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**

<b>GENERAL</b>	<p>Meter: <u>94237</u> Location: <u>Newsom B #9E</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>P</u> Section <u>7</u> Township: <u>26</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/9/98</u> Area: _____ Run: _____</p>
<b>SITE ASSESSMENT</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> </div> <div style="width: 45%;"> <p><b>Land Type:</b></p> <p>BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> </div> </div> <p><b>Depth to Groundwater</b></p> <p>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></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) 200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2) 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 &gt; 100' vertical from center of Blanco Canyon</u></p>

# FIELD PIT SITE ASSESSMENT FORM

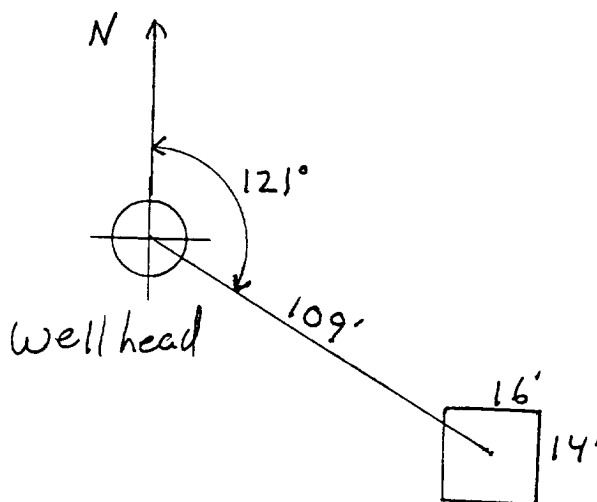
GENERAL	<p>Meter: <u>94237</u> Location: <u>Newsom B No. 9 E</u>          Operator #: <u>2999</u> Operator Name: <u>Meridian</u> P/L District: <u>Ballard</u>          Coordinates: Letter: <u>P</u> Section <u>7</u> Township: <u>26</u> Range: <u>8</u>          Or Latitude _____ Longitude _____          Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____          Site Assessment Date: <u>6-16-94</u> Area: <u>11</u> Run: <u>62</u></p>
SITE ASSESSMENT	<p><b>NMOCD Zone:</b>          (From NMOCD Maps) 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 checked="" type="checkbox"/> (2)          Greater Than 100 Ft (0 points) <input 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 type="checkbox"/> (2)          Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>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) &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>Two pits on location. One with liner</u>  <u>Dry</u>  <u>outside V.Z. on Redline &amp; Topo</u></p>

*Push 11*

## ORIGINAL PIT LOCATION

## ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 121 Footage from Wellhead 109  
b) Length : 16 Width : 14 Depth : 4



## REMARKS

Remarks :

Photos - 1527

Bobtail

Completed By:

[Signature]

Signature

6-16-94

Date

# FIELD PIT REMEDIATION/CLOSURE FORM

<b>GENERAL</b>	Meter: <u>94237</u> Location: <u>Newson B #9E</u> Coordinates: Letter: <u>P</u> Section <u>7</u> Township: <u>26</u> Range: <u>8</u> Or Latitude _____ Longitude _____ Date Started : <u>9-15-94</u> Run: <u>11</u> <u>62</u>
<b>FIELD OBSERVATIONS</b>	Sample Number(s): <u>VW295</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>272</u> PID Reading Depth <u>12'</u> Feet <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <span>Yes</span> <span>No</span> </div> 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; margin-top: 10px;"> <div>           Excavation            Onsite Bioremediation            Backfill Pit Without Excavation         </div> <div style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input checked="" type="checkbox"/> </div> <div>           Approx. Cubic Yards _____              Tierra         </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>           Envirotech <input type="checkbox"/>            Other Facility <input type="checkbox"/> </div> <div>           Name: _____         </div> </div> Pit Closure Date: <u>9-15-94</u> Pit Closed By: <u>BEI</u>
<b>REMARKS</b>	Remarks : <u>20 yds Fill</u> _____ _____
	Signature of Specialist: <u>Vale Wilson</u>



CHAIN OF CUSTODY RECORD

Page \_\_\_\_\_ of \_\_\_\_\_

PROJECT NUMBER		PROJECT NAME		PROJECT ANALYSIS		REQUESTED ANALYSIS		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REMARKS					
LAB ID		DATE		TIME		MATRIX		SAMPLE NUMBER		TPH		BTEX		EPA 8020		EPA 418.1	
74	6134	9-15-94	9:45	Soil	VW	291	1	1	1	1	1	1	1	1	1	1	1
74	6132	9-15-94	9:45	Soil	VW	292	1	1	1	1	1	1	1	1	1	1	1
74	6133	9-15-94	9:50	Soil	VW	293	1	1	1	1	1	1	1	1	1	1	1
74	6134	9-15-94	10:00	Soil	VW	294	1	1	1	1	1	1	1	1	1	1	1
74	6135	9-15-94	12:00	Soil	VW	295	1	1	1	1	1	1	1	1	1	1	1
74	6136	9-15-94	14:00	Soil	VW	296	1	1	1	1	1	1	1	1	1	1	1
74	6137	9-15-94	14:45	Soil	VW	297	1	1	1	1	1	1	1	1	1	1	1
74	6138	9-15-94	15:30	Soil	VW	298	1	1	1	1	1	1	1	1	1	1	1

RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME	
Vab Wilson		9-15-94 17:35		Brenda L. L...		9-16-94 11:00		Brenda L. L...		9-16-94 11:00	
RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME	

REQUESTED TURNAROUND TIME:		SAMPLE RECEIPT REMARKS		RESULTS & INVOICES TO:	
<input type="checkbox"/> ROUTINE	<input type="checkbox"/> RUSH			FIELD SERVICES LABORATORY	
CARRIER CO.				EL PASO NATURAL GAS COMPANY	
BILL NO.:				P.O. BOX 4990	
				FARMINGTON, NEW MEXICO 87499	

505-599-2144 FAX: 505-599-2261



## FIELD SERVICES LABORATORY

### ANALYTICAL REPORT

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

#### SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 295	946135
MTR CODE   SITE NAME:	94237	N/A
SAMPLE DATE   TIME (Hrs):	9-15-94	1200
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	9/20/94	9/20/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Grey Clay

REMARKS:

#### RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	28,700	MG/KG			.18	28
HEADSPACE PID	272	PPM				
PERCENT SOLIDS	83.1	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: 

Date: 9/30/94