

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

*Risk-bedrock
outside BTEX TPH*

Canyon Largo Unit #215
Meter/Line ID - 87947

RECEIVED
NOV - 2 1995

SITE DETAILS

Legals - Twn: 24N Rng: 6W
NMOCD Hazard Ranking: 0
Operator: Meridian

Sec: 9 Unit: G
Land Type: BLM
Pit Closure Date: 7/17/95

**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.

Sandstone was encountered in the test excavation at six 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 then backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 422 ppm; laboratory analysis indicated a TPH concentration of 9,430 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 six 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.

ATTACHMENTS

Revised Field Pit Assessment Form
Field Pit Remediation/Closure Form

Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>87947</u> Location: <u>Canyon Largo Unit # 215</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>G</u> Section <u>9</u> Township: <u>24</u> Range: <u>6</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/8/98</u> ^{cms}_{4/9/98} Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps) Inside Outside</p> <p>Land Type: <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2)</p> <p>BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p>50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Wellhead Protection Area</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>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p>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) < 100' (Navajo Pits Only)</p> <p style="margin-left: 300px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. No well is shown on map in Ltr G. Based on the most conservative location, the site is >100' vertical from center of Rincon Largo Canyon</u></p>

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 87-947 Location: Canyon Largo Unit No. 215
 Operator #: 1987 Operator Name: Meridian P/L District: Ballard
 Coordinates: Letter: G Section 9 Township: 24 Range: 6
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 1/20/95 Area: 07 Run: 42

SITE ASSESSMENT

NMOCD Zone:

(From NMOCD
Maps)

Inside

Outside

Land Type:

BLM ☒ (1)

State ☐ (2)

Fee ☐ (3)

Indian _____

Depth to Groundwater

Less Than 50 Feet (20 points) ☐ (1)

50 Ft to 99 Ft (10 points) ☐ (2)

Greater Than 100 Ft (0 points) ☒ (3)

Wellhead Protection Area :

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? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐ (1)

200 Ft to 1000 Ft (10 points) ☒ (2)

Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body Rincon Largo

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 10 POINTS

REMARKS

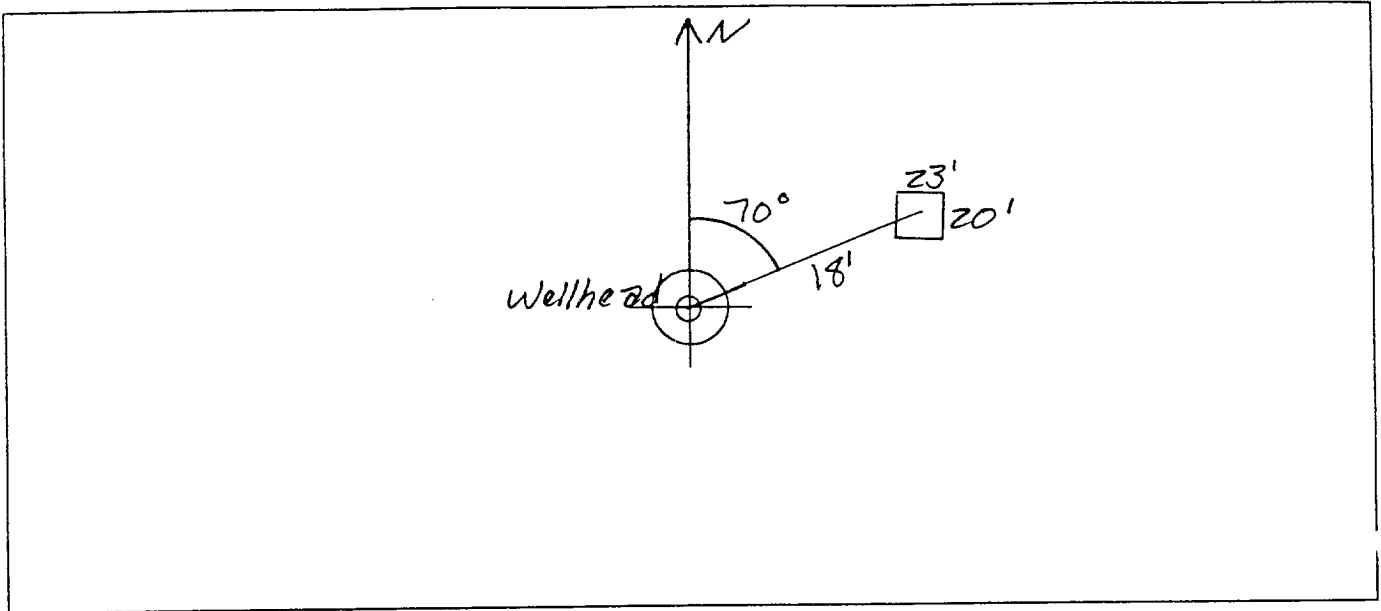
Remarks : Vulnerable Zone Topo: Outside Redline book: Outside
One pit, pit is dry. Will close one pit.

PUSH IN

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 70° Footage from Wellhead 18'
b) Length : 23' Width : 20' Depth : 2'

ORIGINAL PIT LOCATION



Remarks :

Pictures at 1158.
Dump Truck.

REMARKS

Completed By:

Sarah Kelly
Signature

1/20/95
Date

FIELD IT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>87-947</u> Location: <u>CANYON Largo UNIT NO. 215</u></p> <p>Coordinates: Letter: <u>6</u> Section <u>9</u> Township: <u>24</u> Range: <u>6</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>7-17-95</u> Run: <u>07</u> <u>42</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK438</u></p> <p>Sample Depth: <u>6'</u> Feet</p> <p>Final PID Reading <u>422</u> PID Reading Depth _____ Feet</p> <p style="text-align: center;">Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth <u>6'</u> 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"/> <input type="checkbox"/> Tierra</p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>7-17-95</u> Pit Closed By: <u>Philip</u></p>
REMARKS	<p>Remarks : <u>Arrived dug sample hole pit ^{had} was strong</u></p> <p><u>Hydrocarbon odor all the way DOWN Hit sandstone 6'</u></p>
	<p>Signature of Specialist: <u>Morgan Killion</u></p>



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	NK 438	947017
MTR CODE SITE NAME:	87-947	N/A
SAMPLE DATE TIME (Hrs):	7/17/95	14:50
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	7-18-95	7-18-95
DATE OF BTEX EXT. ANAL.:		
TYPE DESCRIPTION:	VG	Mottled light Brown / Dark Brown sand and clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	9430	MG/KG			0.50	28
HEADSPACE PID	422	PPM				
PERCENT SOLIDS	87.0	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

7/20/95



CHAIN OF CUSTODY RECORD