

EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE

Deby

San Juan 28-7 Unit 135
Meter/Line ID - 87691

1415K 60.600
RECEIVED
DEC 2 1994
OIL CLOSURE
DEC 2 1994

SITE DETAILS

Legals - Twn: 28N

Rng: 7W

Sec: 27

Unit: M

NMOCD Hazard Ranking: 0

Land Type: BLM

Operator: Amoco

Pit Closure Date: 9/1/94

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 8' where bedrock was encountered. The excavation was terminated at 8' 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 222 ppm; laboratory analysis indicated a TPH concentration of 1180 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 five years.
- Bedrock was encountered in the test excavation at eight feet below ground surface making remediation impractical.
- 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	<p>Meter: <u>87691</u> Location: <u>San Juan 28-7 Unit 135</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>M</u> Section <u>27</u> Township: <u>28</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/13/98</u> Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type:</p> <p style="margin-left: 150px;">BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater</p> <p style="margin-left: 150px;">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>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 style="margin-left: 150px;">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) < 100' (Navajo Pits Only) <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. Site is > 100' vertical from center of Carriac Creek Wash.</u></p>

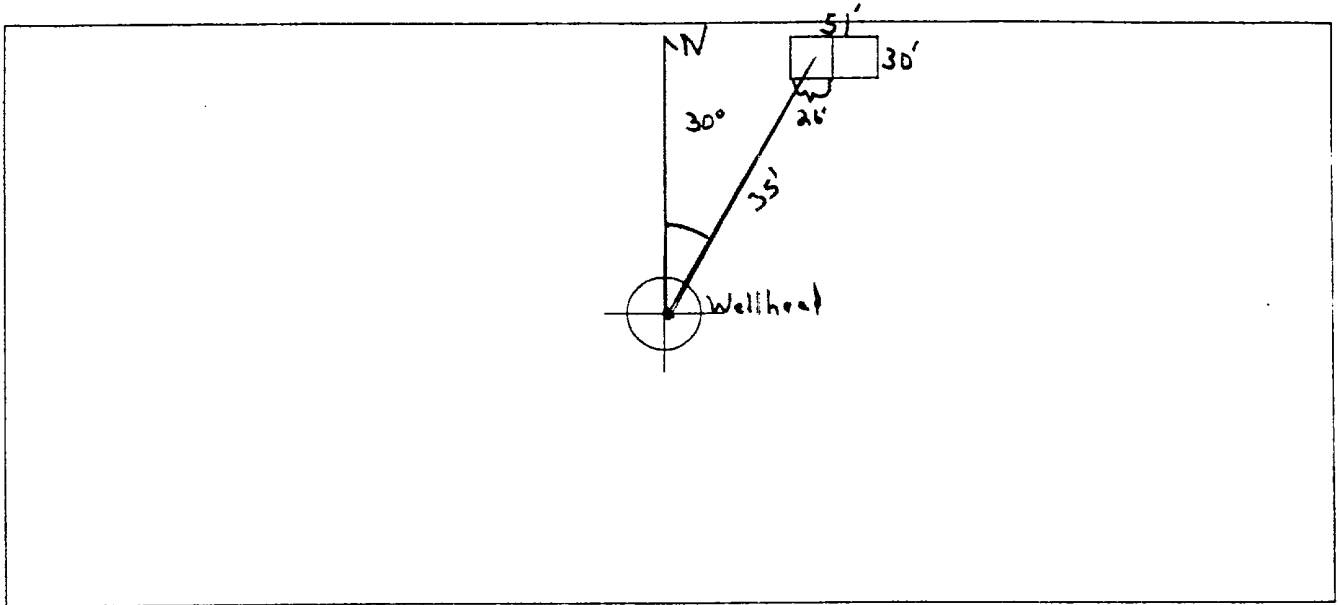
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>87691</u> Location: <u>San Juan 28-7 Unit 135</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Ameco</u> P/L District: <u>Blanco</u></p> <p>Coordinates: Letter: <u>M</u> Section <u>27</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>6/2/94</u> Area: <u>03</u> Run: <u>41</u></p>
	SITE ASSESSMENT
REMARKS	<p>Remarks : <u>Redline - Inside, Vuln - Dry side</u> <u>4 pits. Will close</u></p> <p style="text-align: right;"><u>PUSH-IN</u></p>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 30° Footage from Wellhead 35'
 b) Length : 51' Width : 30' Depth : 4'

ORIGINAL PIT LOCATION



Remarks :

Pictures @ 1045 (6-9)

Dump Truck

Bermed area of pit is 51' x 30' x 4'. Actual pit area is 30' x 26' x 4'

REMARKS

Completed By:

Cory Chance
 Signature

6/2/94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 87691 Location: San Juan 28-7 Unit 135

Coordinates: Letter: M Section 27 Township: 28 Range: 7

Or Latitude _____ Longitude _____

Date Started : 9-1-94 Run: 03 41

FIELD OBSERVATIONS

Sample Number(s): VW 241

Sample Depth: 8' Feet

Final PID Reading 222

PID Reading Depth 8' Feet

Groundwater Encountered ☐ Yes ☒ No

Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation

☐ Approx. Cubic Yards _____

Onsite Bioremediation

☐

Backfill Pit Without Excavation

☒

Soil Disposition:

Envirotech

☐

☐

Tierra

Other Facility

☐

Name: _____

Pit Closure Date: 9-1-94

Pit Closed By: BEI

REMARKS

Remarks : - Bentonite layer at 8' couldn't dig any further

Signature of Specialist: Vale Wilson



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	10241	946050
MTR CODE SITE NAME:	87691	N/A
SAMPLE DATE TIME (Hrs):	9-1-94	1410
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	9-6-94	9-6-94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	GRAY SAND + CLAY

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	1180	MG/KG			202	28
HEADSPACE PID	222	PPM				
PERCENT SOLIDS	88.8	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF == Dilution Factor Used

Approved By:

Date:

9/30/94