

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Foster #2E
Meter/Line ID - 94885

SITE DETAILS

Legals - Twn: 26N
NMOCD Hazard Ranking: 0
Operator: Amoco

Rng: 7W

Sec: 18 Unit: L
Land Type: BLM
Pit Closure Date: 9/20/94

outside
RTEY + T1/4
Risk
Depth limits
No vertical limits
RECEIVED
NOV 2 1999
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 and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. The test pit and former drip pit were then backfilled with clean soil and graded in a manner to direct precipitation away from the former pit area. Headspace analysis indicated an organic vapor content of 259 mg/kg; laboratory analysis indicated a TPH concentration of 12,480 ppm.

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 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

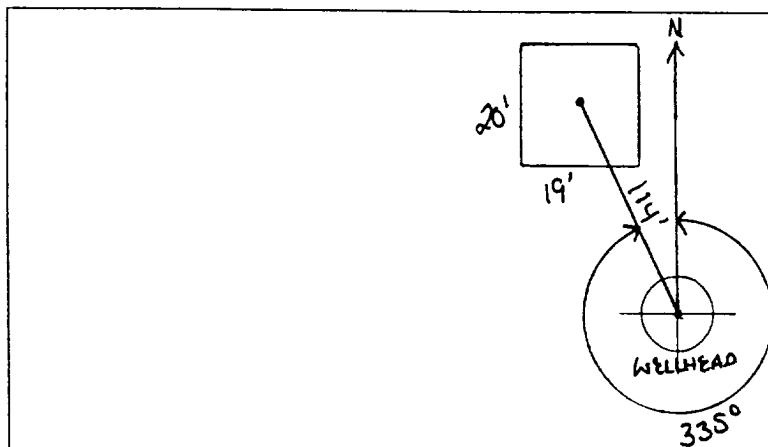
| | |
|------------------------|--|
| GENERAL | <p>Meter: <u>94885</u> Location: <u>Foster #2E</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>L</u> Section <u>18</u> Township: <u>26</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4/9/98</u> Area: _____ Run: _____</p> |
| SITE ASSESSMENT | <p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1)</p> <p style="margin-left: 150px;">Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type:</p> <p style="margin-left: 150px;">BLM <input checked="" type="checkbox"/> (1)</p> <p style="margin-left: 150px;">State <input type="checkbox"/> (2)</p> <p style="margin-left: 150px;">Fee <input type="checkbox"/> (3)</p> <p style="margin-left: 150px;">Indian _____</p> <p>Depth to Groundwater</p> <p style="margin-left: 50px;">Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p style="margin-left: 50px;">50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)</p> <p style="margin-left: 50px;">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: 50px;">Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p style="margin-left: 50px;">200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p style="margin-left: 50px;">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: 150px;"><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 shown on map in Ltr L.</u></p> <p><u>Site is >100' vertical from center of Big Rincón Canyon based on most conservative location in Ltr L</u></p> |

FIELD PIT SITE ASSESSMENT FORM

| | |
|-----------------|---|
| GENERAL | <p>Meter: <u>94885</u> Location: <u>FOSTER #2E</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>BALLARD</u></p> <p>Coordinates: Letter: <u>L</u> Section <u>18</u> Township: <u>26</u> Range: <u>7</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>6.16.94</u> Area: <u>07</u> Run: <u>51</u></p> |
| SITE ASSESSMENT | <p>NMOCD Zone: (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type: 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) 50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>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? <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) 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, Major Wash, 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>10</u> POINTS</p> |
| REMARKS | <p>Remarks : <u>THREE PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS DRY.</u> <u>LOCATION IS AT THE EDGE OF THE BIG RINCON CANYON. REDUNE AND</u> <u>TOPO CONFIRMED LOCATION IS OUTSIDE U.Z.</u></p> |

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 335° Footage from Wellhead 114'
 b) Length : 20' Width : 19' Depth : 2'



Remarks :

TOOK PICTURES AT 11:50 A.M.

END DUMP

Completed By:

Robert Thompson

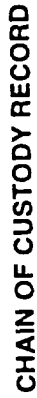
Signature

6.16.94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

| | |
|--------------------------|---|
| GENERAL | Meter: <u>94885</u> Location: <u>Foster #2E</u> Coordinates: Letter: <u>L</u> Section <u>18</u> Township: <u>26</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Date Started : <u>9-20-94</u> Run: <u>07 51</u> |
| FIELD OBSERVATIONS | Sample Number(s): <u>VW306</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>259</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet |
| CLOSURE | Remediation Method : Excavation <input type="checkbox"/> Approx. Cubic Yards _____ Onsite Bioremediation <input type="checkbox"/> Backfill Pit Without Excavation <input checked="" type="checkbox"/> Soil Disposition: Envirotech <input type="checkbox"/> <input type="checkbox"/> Tierra Other Facility <input type="checkbox"/> Name: _____ Pit Closure Date: <u>9-20-94</u> Pit Closed By: <u>BEI</u> |
| REMARKS | Remarks : _____ _____ _____ |
| Signature of Specialist: | <u>Vale Wilson</u> |



CHAIN OF CUSTODY RECORD

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



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

| | Field ID | Lab ID |
|----------------------------|----------|-----------------------------|
| SAMPLE NUMBER: | VW 306 | 946170 |
| MTR CODE SITE NAME: | 94885 | N/A |
| SAMPLE DATE TIME (Hrs): | 9-20-94 | 1130 |
| SAMPLED BY: | N/A | |
| DATE OF TPH EXT. ANAL.: | 9-22-94 | 9-22-94 |
| DATE OF BTEX EXT. ANAL.: | N/A | N/A |
| TYPE DESCRIPTION: | VG | Dark brown fine sand & clay |

REMARKS:

RESULTS

| PARAMETER | RESULT | UNITS | QUALIFIERS | | | |
|----------------|--------|-------|------------|---|------|-------|
| | | | DF | Q | M(g) | V(ml) |
| TPH (418.1) | 12480 | MG/KG | | | 0.67 | 28 |
| HEADSPACE PID | 259 | PPM | | | | |
| PERCENT SOLIDS | 89.9 | % | | | | |

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

9/30/94