

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

**Giomi Com A #1R
Meter/Line ID - 94372**

SITE DETAILS

**Legals - Twn: 30N
NMOCD Hazard Ranking: 0
Operator: Amoco Prod**

Rng: 9W

**Sec: 28
Land Type: BLM
Unit: P
Pit Closure Date: 6/6/94**

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 12' 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 207 ppm; laboratory analysis indicated a TPH concentration of <10 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.
- 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

(assess) 12/16/97

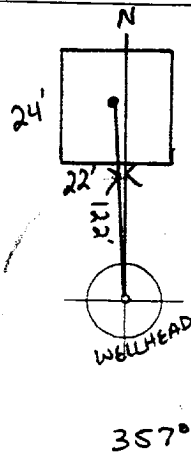
FIELD PIT SITE ASSESSMENT FORM

| | |
|-----------------|---|
| GENERAL | <p>Meter: <u>94372</u> Location: <u>610M1 Com A #1R</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>BLOOMFIELD</u></p> <p>Coordinates: Letter: ⁴⁻¹⁴⁻⁹⁴<u>P</u> Section <u>28</u> Township: <u>30</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____</p> <p>Site Visit Date: <u>4-14-94</u> Run: <u>10</u> <u>83</u></p> |
| SITE ASSESSMENT | <p>NMOCD Zone: Inside _____ Land Type: BLM <input checked="" type="checkbox"/></p> <p>(From NMOCD Vulnerable _____ State <input type="checkbox"/></p> <p>Maps) Zone <input checked="" type="checkbox"/> Fee <input type="checkbox"/></p> <p>Outside <input type="checkbox"/> Indian _____</p> <p>Depth to Groundwater</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>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? <input type="checkbox"/> YES (20 points) <input checked="" type="checkbox"/> NO (0 points)</p> <p>Horizontal Distance to Surface Water Body</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>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p> |
| REMARKS | <p>Remarks : <u>THREE PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS D.</u></p> <p><u>DO NOT KNOW WHY THIS LOCATION IS IN THE WATER VULNERABLE ZONE</u></p> |

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 357° Footage to Wellhead 122'
b) Degrees from North _____ Footage to Dogleg _____
Dogleg Name _____
c) Length : 24' Width : 22' Depth : 3'



REMARKS

Remarks :

STARTED TAKING PICTURES AT 1:21 P.M.END DUMP

Completed By:

Paul Thompson
Signature

4-10-14
Date

FIELD PIT REMEDIATION/CLOSURE FORM

| | |
|---------------------------|---|
| GENERAL | <p>Meter: <u>94372</u> Location: <u>Giomi Com A #1R</u></p> <p>Coordinates: Letter: <u>N</u> Section <u>28</u> Township: <u>30</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>6-6-94</u> Area: <u>10</u> Run: <u>83</u></p> |
| FIELD OBSERVATIONS | <p>Sample Number(s): <u>MK01</u> <u>MK02</u> <u>MK03</u></p> <p>Sample Depth: <u>12</u> Feet</p> <p>Final PID Reading <u>207</u> PID Reading Depth <u>12</u> Feet</p> <p style="text-align: center;">Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth _____ Feet</p> |
| CLOSURE | <p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> (1) Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/> (2)</p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/> (3)</p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> (1) <input type="checkbox"/> (3) Tierra</p> <p>Other Facility <input type="checkbox"/> (2) Name: _____</p> <p>Pit Closure Date: <u>6-6-94</u> Pit Closed By: <u>BEI</u></p> |
| REMARKS | <p>Remarks : <u>line markers on location</u></p> <p>_____</p> <p>_____</p> |
| | <p>Signature of Specialist: <u>Morgan Killian</u></p> |



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

| | Field ID | Lab ID |
|----------------------------|----------|-------------------|
| SAMPLE NUMBER: | mk1 | 945361 |
| MTR CODE SITE NAME: | 94372 | N/A |
| SAMPLE DATE TIME (Hrs): | 6-6-94 | 0840 |
| SAMPLED BY: | N/A | |
| DATE OF TPH EXT. ANAL.: | 6-7-94 | 6/7/94 |
| DATE OF BTEX EXT. ANAL.: | N/A | N/A |
| TYPE DESCRIPTION: | VG | Black Course Sand |

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 | | | 2.09 | 28 |
| HEADSPACE PID | 207 | PPM | | | | |
| PERCENT SOLIDS | 93.8 | % | | | | |

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

The Surrogate Recovery was at N/A % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By:

John Larkin

Date:

6/16/94