

Canvon Largo Unit No.79 Meter/Line ID - 74847

SITE DETAILS

Legals - Twn: 25N

Rng: 7W

Sec: 21

Unit: D

NMOCD Hazard Ranking: 10 Operator: Meridian

Land Type: BLM

Pit Closure Date: 09/22/94

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 six 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 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 926 ppm; laboratory analysis indicated a TPH concentration of 374 mg/kg. This site was re-assessed on April 8, 1998, because the initial assessment incorrectly included washes as a surface water body.

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 almost six years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the test excavation.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Based on the Hazard Ranking Score, TPH concentrations were below required remediation levels.

ATTACHMENT

Revised Field Pit Assessment Form Field Pit Remediation/Closure Form

Field Pit Assessment Form Laboratory Analytical Results

REVISEDFIELD PIT SITE ASSESSMENT FORM

| GENERAL | Meter: 74847 Location: Cangon Large Operator #: Operator Name: Coordinates: Letter: Description Section Description Or Latitude Longitude Pit Type: Dehydrator Location Drip: Site Assessment Date: 4/8/98 Are | nship: 25 Range: 7 |
|----------------|---|--|
| | (From NMOCD | nd Type: BLM (1) State (2) (1) Fee (3) |
| | Maps) Inside \square (Outside | |
| | Depth to Groundwater Less Than 50 Feet (20 points) 50 Ft to 99 Ft (10 points) | (1) |
| ı | Wellhead Protection Area | · |
| SITE ASSESSMEN | | |
| ES | | points) (2) NO (0 points) |
| ASS | Horizontal Distance to Surface Water Body | |
| 田田 | Less Than 200 Ft (20 points) | |
| SI | 200 Ft to 1000 Ft (10 points) (2) Greater Than 1000 Ft (0 points) (3) | • |
| | Name of Surface Water Body | , |
| | (Surface Water Body: Perennial Rivers, Streams, C Ditches, Lakes, Ponds) | Creeks, Irrigation Canals, |
| | Distance to Nearest Ephemeral Stream | (1) < 100' (Navajo Pits Only) |
| | | (2) > 100' |
| | TOTAL HAZARD RANKING SCORE: 10 | POINTS |
| KS | Remarks: Site has been re-assessed, due to it | nitial assessment including washes |
| REM. AKS | as a Surface Water Body. Site is $\angle 100$ | Vertical From center of |
| EM | Palluche Canyon | |
| I 24 | | |

(assess) 12/16/97

FIELD PIT SITE ASSESSMENT FORM

| GENERAL | Meter: 14847 Location: CANYON LARCO UNIT #79 Operator #: 1999 Operator Name: MERIDIANP/L District: BALLARO Coordinates: Letter: D Section 21 Township: 25 Range: 7 Or Latitude Longitude Pit Type: Dehydrator Location Drip: X Line Drip: Other: Site Assessment Date: 6.23.94 Area: 07 Run: 41 |
|------------|--|
| | NMOCD Zone: Land Type: BLM □ (1) (From NMOCD State □ (2) Maps) Inside □ (1) Fee □ (3) Outside □ (2) Indian □ Depth to Groundwater □ (1) □ (1) Less Than 50 Feet (20 points) □ (1) 50 Ft to 99 Ft (10 points) □ (2) |
| ASSESSMENT | 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) |
| SITE ASS | 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 |
| | (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: POINTS |
| KS | Remarks : DALY PIT ON LOCATION. PIT IS DRY. LOCATION IS ON A HILL IN |
| REMARKS | PALLUCHE CANYON AT THE BIASE OF SOME CLIFFS. REDLINE SHOWS LOCATION |
| REN | IS INSIDE V.Z. BUT TOPO SHOWS THAT LOCATION IS OUTSIDE V.Z. |
| | Puset IN |

| 7. | ORIGINAL PIT LOCATION Original Pit : a) Degrees from North <u>181°</u> Footage from Wellhead <u>91'</u> b) Length : <u>18'</u> Width : <u>16'</u> Depth : <u>1'</u> |
|-----------------------|--|
| ORIGINAL PIT LOCATION | WEILHEAD 18 |
| REMARKS | Remarks: TOOK PICTURES AT 10:56 A.M. END DUMP |
| | Completed By: 6.23.99 Signature Date |

| Z | ORIGINAL PIT LOCATION Original Pit : a) Degrees from North <u>181°</u> Footage from Wellhead <u>91'</u> b) Length : <u>18'</u> Width : <u>16'</u> Depth : <u>1'</u> |
|-----------------------|--|
| ORIGINAL PIT LOCATION | WELLHEND & |
| | Remarks: Took Pictures at 10.56 A.M. END DUMP |
| REMARKS | |
| | Completed By: 6.23.94 Signature Date |

FIELD PIT REMEDIATION/CLOSURE FORM

| GENERAL | Meter: 74847 Location: Canyon Large Unit # 79 Coordinates: Letter: D Section 21 Township: 25 Range: > Or Latitude Longitude Date Started: 9-22-94 Run: 07 41 |
|--------------------|--|
| FIELD OBSERVATIONS | Sample Number(s): 225 Sample Depth: 6^{\prime} Feet Final PID Reading 926 PID Reading Depth 6^{\prime} Feet Yes No Groundwater Encountered \square Approximate Depth \square Feet |
| CLOSURE | Remediation Method: Excavation |
| REMARKS | Remarks: Signature of Specialist: Walk Wilsey (SP3191) 03/16/94 |



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

| | SAINI LL | IDENTIFICAT | 1011 | <u> </u> | |
|----------------------------|------------|----------------------|----------|-------------------|-------------|
| | Field | I ID | | Lab ID | |
| SAMPLE NUMBER: | vw 3° | 25 | 9 يا روم | 18 | |
| MTR CODE SITE NAME: | 74847 | | | N/A | |
| SAMPLE DATE TIME (Hrs): | 9-22- | , | 1 | 115 | |
| SAMPLED BY: | | N// | <u> </u> | | |
| DATE OF TPH EXT. ANAL.: | 9-2- | 7-94 | | | |
| DATE OF BTEX EXT. ANAL.: | NA | | 1 (4 | | |
| TYPE DESCRIPTION: | V G | | - Neu | clay | |
| | | | 0 (| / | |
| REMARKS: | | | | | |
| | | RESULTS | | | |
| | | TILOUL! C | | | |
| PARAMETER | RESULT | UNITS | DF | QUALIFIERS Q M(g) | V(ml) |
| TPH (418.1) | 374 | MG/KG | | 2.05 | 28 |
| HEADSPACE PID | 926 | PPM | | | |
| PERCENT SOLIDS | 91.1 | % | | | |
| | | TPH is by EPA Method | 418.1 | | |
| arrative: | | | | | |
| = Dilution Factor Used | | | | | - |
| | | | | | |
| | | | | IN/WIGU | |

CHAIN OF CUSTODY RECORD

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| PROJECT NUMBER | | PROJECT NAME | NAME | ACCAC # 40-10-10 | | S | | ; f | REQUESTED ANALYSIS | SIS | CONTRACT LABORATORY P. O. NUMBER |
|----------------|------------------------------|--------------|-----------------------|---------------------------------------|--------------------------|--|------------|---------------|--|------------------------|--|
| | | 2 2 | osnre | Fit Closure Project # 24324 | | 1EB | 3 | - | | | |
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| REQUEST | REQUESTED TURNAROUND TIME | SUND TIME | | SAS | SAMPLE RECEIPT REMARKS | REMARKS | | | | RESULTS & INVOICES TO: | OICES TO: |
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| SAN EN | 3 | | | <u> </u> | Lis tot was | Can de la constante de la cons | \$¢ | 3/8 | 4/2.5/2 | | P. O. BOX 4990 F. O. BOX 4990 FARMINGTON, NEW MEXICO 87499 |
| BILL NO.: | | | | 5 | | | | | | 505-599-2144 | |
| | | | | | | | | | | | |

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

FM-08-0565A (Rev. 03-94)