### **EL PASO FIELD SERVICES** PRODUCTION PIT CLOSURE



#### Florance No. 84 Meter/Line ID - 75782

SITE DETAILS

Legals - Twn: 29N

Rng: 9W

Sec: 21

Unit: I

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Amoco

Pit Closure Date: 07/18/94

#### 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 twelve 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 623 ppm; laboratory analysis indicated a TPH concentration of 450 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

# REVISED

## FIELD PIT SITE ASSESSMENT FORM

| GENERAL        | Meter: 7-5782 Location: Florance #84  Operator #: Operator Name: P/L District:  Coordinates: Letter:  |
|----------------|---|
|                | NMOCD Zone: Land Type: BLM $\boxtimes$ (1)  |
|                | (From NMOCD State (2)   |
|                | Maps) Inside $\Box$ (1) Fee $\Box$ (3)  |
|                | Outside (2) Indian  |
|                | Depth to Groundwater  |
|                | Less Than 50 Feet (20 points)   |
|                | 50 Ft to 99 Ft (10 points) (2)  |
|                | Greater Than 100 Ft (0 points)  |
|                | Wellhead Protection Area  |
| SITE ASSESSME. | 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? |
| ES             | $\square$ (1) YES (20 points) $\boxtimes$ (2) NO (0 points)   |
| SS             | Horizontal Distance to Surface Water Body   |
| E A            | Less Than 200 Ft (20 points) (1)  |
| III            | 200 Ft to 1000 Ft (10 points) (2)   |
| S              | Greater Than 1000 Ft (0 points) $\boxtimes$ (3)   |
|                | Name of Surface Water Body  |
|                | (Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)   |
|                | Distance to Nearest Ephemeral Stream (1) < 100' (Navajo Pits Only)  |
|                | Distance to itea Epitemetal bream $(2) > 100^{\circ}$   |
|                |   |
|                | TOTAL HAZARD RANKING SCORE: 10 POINTS   |
| RKS            | Remarks: Site has been re-assessed, due to initial assessment including washes  |
| R              | as a Surface Water Body. Site is < 100' vertical From Large Canyon  |
| <u> </u>       |   |
| REN            |   |

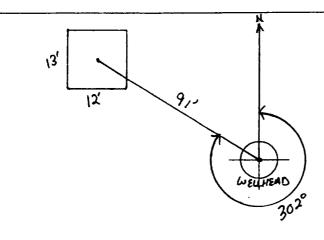
# FIELD PIT SITE ASSESSMENT FORM

| GENERAL    | Meter: 75782 Location: FLORANCE #84  Operator #: 0203 Operator Name: Ameco P/L District: Blanco  Coordinates: Letter: I Section 21 Township: 29 Range: 9  Or Latitude Longitude  Pit Type: Dehydrator Location Drip: X Line Drip: Other:  Site Assessment Date: 5:13:94 Area: 13 Run: 22 |
|------------|--|
|            | NMOCD Zone:       Land Type:       BLM       ∅ (1)         (From NMOCD       State       ∅ (2)         Maps)       Inside       ∅ (1)       Fee       ⋈ (3)         Outside       ⋈ (2)       Indian   |
| 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:OPOINTS   |
| REMARKS    | Remarks: ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS ON A RIDGE ABOVE AND NORTH OF LARGO WASH. REDLINE SHOWS LOCATION IS INSIDE U.Z.   |
| ЕМА        | BUT TOPO SHOWS THAT IT IS OCTSIDE V.Z.   |
| 2          | PUSH INC   |

| REMARKS               | Re |
|-----------------------|----|
| ORIGINAL PIT LOCATION | Or |

# ORIGINAL PIT LOCATION

riginal Pit : a) Degrees from North 302° Footage from Wellhead 91′ b) Length : 13′ Width : 121 12′ Depth : 2′



| Remarks | : |
|---------|---|
|         |   |

OOK PICTURES AT 9:56 A.M. DUMP

Completed By:

Signature

5.13.94

Date

# FIELD PIT REMEDIATION/CLOSURE FORM

| GENERAL            | Meter: 15 782 Location: FloRance #84  Coordinates: Letter: T Section 21 Township: 29 Range: 9  Or Latitude Longitude  Date Started: 7-18-94 Run: 13 22 |
|--------------------|--|
| FIELD OBSERVATIONS | Sample Number(s): 14/6  Sample Depth: 12 Feet  Final PID Reading 623 PID Reading Depth 2 Feet  Yes No  Groundwater Encountered                         |
| CLOSURE            | Remediation Method:  Excavation  |
| REMARKS            | Remarks: EPNG lines Not marked Soil Gray Strong Hipro igrhou ador Hit sand stope 12'   |
|                    | Signature of Specialist: Mogan Xillion (SP3191) 03/16/84   |



# FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Soil

#### SAMPLE IDENTIFICATION

|                            | Field ID | Lab ID           |
|----------------------------|----------|------------------|
| SAMPLE NUMBER:             | mk 146   | 945700           |
| MTR CODE   SITE NAME:      | 75782    | N/A              |
| SAMPLE DATE   TIME (Hrs):  | 7/18/94  | 1038             |
| SAMPLED BY:                |          | N/A              |
| DATE GETPH EXT.   ANAL.:   | 7/19/94  | 7/19/94          |
| DATE OF BTEX EXT.   ANAL.: | 4 4      | NIA              |
| TYPE   DESCRIPTION:        | V 6      | H. Grea Fin Sund |

| REMARKS: | · |
|----------|---|
|----------|---|

#### **RESULTS**

| PARAMETER      | RESULT | UNITS |    | QUALIFI | ers  |       |
|----------------|--------|-------|----|---------|------|-------|
|                |        |       | DF | Q       | M(g) | V(ml) |
| BENZENE        |        | MG/KG |    |         |      |       |
| TOLUENE        |        | MG/KG |    |         |      |       |
| ETHYL BENZENE  |        | MG/KG |    |         |      |       |
| TOTAL XYLENES  |        | MG/KG |    |         |      |       |
| TOTAL BTEX     |        | MG/KG |    |         | ļ .  |       |
| TPH (418.1)    | 450    | MG/KG |    |         | 2.03 | 28    |
| HEADSPACE PID  | ψ23    | PPM   |    |         |      |       |
| PERCENT SOLIDS | 97.77  | %     |    |         |      |       |

- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 % for this sample All QA/QC was acceptable.

Narrative:

he surrogate Recovery was at

# CHAIN OF CUSTODY RECORD

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Page\_\_

| PROJECT NUMBER                                   | 1                            | NAME      | PROJECT NAME Direct A 24324          | 88<br>88                  |                       |            | REQUESTED ANALYSIS           |                        | CONT^ACT LABORATORY P. O. NUMBER               |
|--|------------------------------|-----------|--------------------------------------|---------------------------|-----------------------|------------|------------------------------|------------------------|--|
|  |                              | Dinco     | F10Ject # 24024                      | WBE                       |                       | -          | -                            | 5                      |  |
| SAMPLERS: (Signature)                            |                              |           | 7-18-50                              | NL NUI                    | <b>19MA</b> ;<br>39YT |            | 8020                         | 624 F                  |  |
| LABID DATE                                       |                              | MATRIX    | SAMF                                 | 1707<br>IO <del>1</del> 0 |                       | 443<br>443 | Т8<br>АЧЭ                    | -                      | REMARKS  |
| 17-5 PQ.12                                       | 1.05 44 50 42-5              | 1,05      | MK 145                               | ~)                        | 16                    | ×          |                              | 130                    | For we straing thomacodors ador                |
|  | 7-18-4 10:38                 | ; Sr. /   | AK146                                | ~                         | 00                    | 7          |                              | 17.1                   | Con, y Sen, Thong it Orong day out             |
|  | 51110502                     | 50.1      | NKIUS                                | _                         | V.G.                  | 7          |                              | 132 6                  | 62. U Sc. 1 SI. 54/ 1/4000 1000                |
| ┿  | 7-10-cy 17:02 50.1           | 1 50.1    | 84148                                | 1                         | Ċ.                    | +          |                              | 150 6                  | Ga: Ust. 1 Strong HYOrocectory ado             |
| <b>↓</b> —                                       | 7-18 54 12,28                | 80.7      | 3711111                              | ^                         | 16.                   | 7          |                              | 15.4                   | Brown Swy / Strong Hyprocenter ador            |
| _  | 718-54 13:07                 | 2 Sci1    | MK 150                               | _                         | UE                    | ×          |                              | 135 0                  | BUK GUY Sight H. Discuben Oder                 |
| <del>                                     </del> | 7-184 13:5                   | B:50 50.7 | AK 151                               | _                         | 10                    | 7          |                              | 7 7 67                 | but soil strong HYDIOCKIDON Odar               |
|  | 15.41 14.20                  | 1 50.1    | MKISL                                |                           | 16                    | ×          |                              | 13.7                   | Brek Soil S. Ont APPROCATION adoc              |
| 4-81-5 COC2                                      | 45.84 HS:24                  | 1:35 h    | NK 153                               | _                         | 40                    | ×          |                              | 138                    | Enst soil Sight Hypicithon adar                |
|  |                              |           |                                      |                           |                       |            |                              |                        |  |
|  |                              |           |                                      |                           |                       |            |                              |                        |  |
|  |                              |           |                                      |                           |                       |            |                              |                        |  |
| RELINQUISHED BY: (Signature)                     | BY: (Signature)              |           | DATE/TIME O RECEIVED BY: (Signatura) | ignature)                 | 1                     |            | RELINQUISHED BY: (Signature) | 2                      | DATECTIME (2) RECEIVED BY: (Signature)         |
| Miner  | 7.117                        | . (       | 18:05 Bll 12                         | Max                       | 12                    | 1000       | Mondax                       | weel                   | 11994 1045 BEFEIVED OF LARORATORY BY Signature |
| RELINGUISHED                                     | RELING(ISHED BY: (Signature) |           | DATE/TIME RECEIVED BY: (Signature)   | Signature)                | ,                     |            | RELINQUISHED BY: (Signature) | e l                    | -  |
|  |                              |           |                                      |                           |                       |            |                              |                        | 14.  |
| REQUESTED TO                                     | REQUESTED TURNAROUND TIME:   | VE:       | SAMPLE RECEIPT REMARKS               | T REMARK                  | s,                    |            |                              | RESULTS & INVOICES TO: | FIELD SERVICES LABORATORY                      |
| CARRIER CO.                                      |                              |           | CHARGE CODE                          |                           |                       |            |                              |                        | P.O. BOX 4990<br>FARMINGTON, NEW MEXICO 87499  |
| BILL NO.:  |                              |           | Andreas September 1941 - 1941 - 1941 |                           |                       |            |                              | 505-599-2144           | FAX: 505-599-2261                              |

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

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