

**EL PASO FIELD SERVICES  
PRODUCTION PIT CLOSURE**

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09

**Farming B Well #1  
Meter/Line ID – 74531**

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**SITE DETAILS**

Legals - Twn: 27N	Rng: 9W	Sec: 32	Unit: H
NMOCD Hazard Ranking: 0		Land Type: State	
Operator: Dugan Production Corp.		Pit Closure Date: 09/08/94	

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**RATIONALE FOR RISK-BASED CLOSURE**

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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.

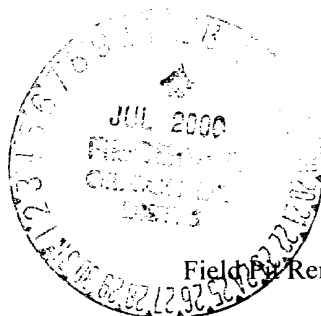
A test pit was excavated to twelve feet and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 4 ppm; laboratory analysis indicated a TPH concentration of 61.4 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 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. In addition, the estimated depth to groundwater is between 50 and 100 feet; therefore, impact to groundwater is unlikely.
- 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**

Field Pit Assessment Form  
Laboratory Analytical Results



Field Pit Remediation/Closure Form

# FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 74531 Location: Farming 'B' Well No 1  
 Operator #: 1862 Operator Name: Dugan P/L District: Ballard  
 Coordinates: Letter: H Section 32 Township: 27 Range: 9  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: ☒ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 6-10-94 Area: 11 Run: 31

NMOCD Zone:

(From NMOCD  
Maps)

Inside

Outside

Land Type:

BLM ☐ (1)

State ☒ (2)

Fee ☐ (3)

Indian \_\_\_\_\_

Depth to Groundwater

Less Than 50 Feet (20 points) ☐ (1)

50 Ft to 99 Ft (10 points) ☒ (2)

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)

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: 0 POINTS

REMARKS

Remarks : one pit. Dry

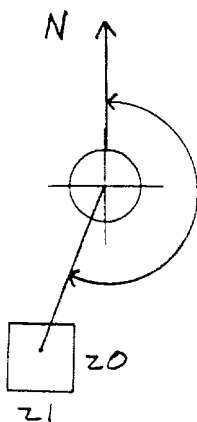
outside U.Z. on Redline & Topo

Pushover

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 202 Footage from Wellhead 91  
b) Length : 21 Width : 20 -Depth : 4

ORIGINAL PIT LOCATION



Remarks : Photos - 1520

Bobtail

REMARKS

Completed By:

[Signature]

Signature

6-10-94

Date

# FIELD PIT REMEDIATION/CLOSURE FORM

<b>GENERAL</b>	<p>Meter: <u>74531</u> Location: <u>Farming B well #1</u></p> <p>Coordinates: Letter: <u>4</u> Section <u>32</u> Township: <u>22</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>9-8-94</u> Run: <u>11</u> <u>31</u></p>
<b>FIELD OBSERVATIONS</b>	<p>Sample Number(s): <u>VW 252</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>4</u> PID Reading Depth <u>12'</u> Feet</p> <p style="text-align: center;">Yes      No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
<b>CLOSURE</b>	<p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/></p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>9-8-94</u> Pit Closed By: <u>EEZ</u></p>
<b>REMARKS</b>	<p>Remarks : <u>Hole cleaned up at 9'</u></p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Val Wilson</u></p>



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 252	946068
MTR CODE   SITE NAME:	74531	N/A
SAMPLE DATE   TIME (Hrs):	9-8-94	1000
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	9/13/94	9/13/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Brown Fine Sand

REMARKS:

**RESULTS**

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	61.4	MG/KG			2.01	28
HEADSPACE PID	✓	PPM				
PERCENT SOLIDS	93.6	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

*J.F.*

Date:

9/30/94