

# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Risk  
BTD

**Maddox Com No. 1**  
**Meter/Line ID – 70747**

---

## SITE DETAILS

Legals - Twn: 30N	Rng: 8W	Sec: 17	Unit: M
NMOCD Hazard Ranking: 10		Land Type: BLM	
Operator: MOI		Pit Closure Date: 02/03/95	

---

---

## **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 210 ppm; laboratory analysis indicated a TPH concentration of 333 mg/kg. This site was re-assessed on December 19, 1997, 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

<b>GENERAL</b>	<p>Meter: <u>70747</u> Location: <u>Maddox Com #1</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>M</u> Section <u>17</u> Township: <u>30</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>12/19/97</u> Area: _____ Run: _____</p>
<b>SITE ASSESSMENT</b>	<p><b>NMOCD Zone:</b> (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><b>Land Type:</b></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><b>Depth to Groundwater</b></p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p>50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p><b>Wellhead Protection Area</b></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><b>Horizontal Distance to Surface Water Body</b></p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p>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) &lt; 100' (Navajo Pits Only)</p> <p style="margin-left: 150px;"><input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>10</u> POINTS</p>
<b>REMARKS</b>	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is ~ 1300' From San Juan R.</u></p>

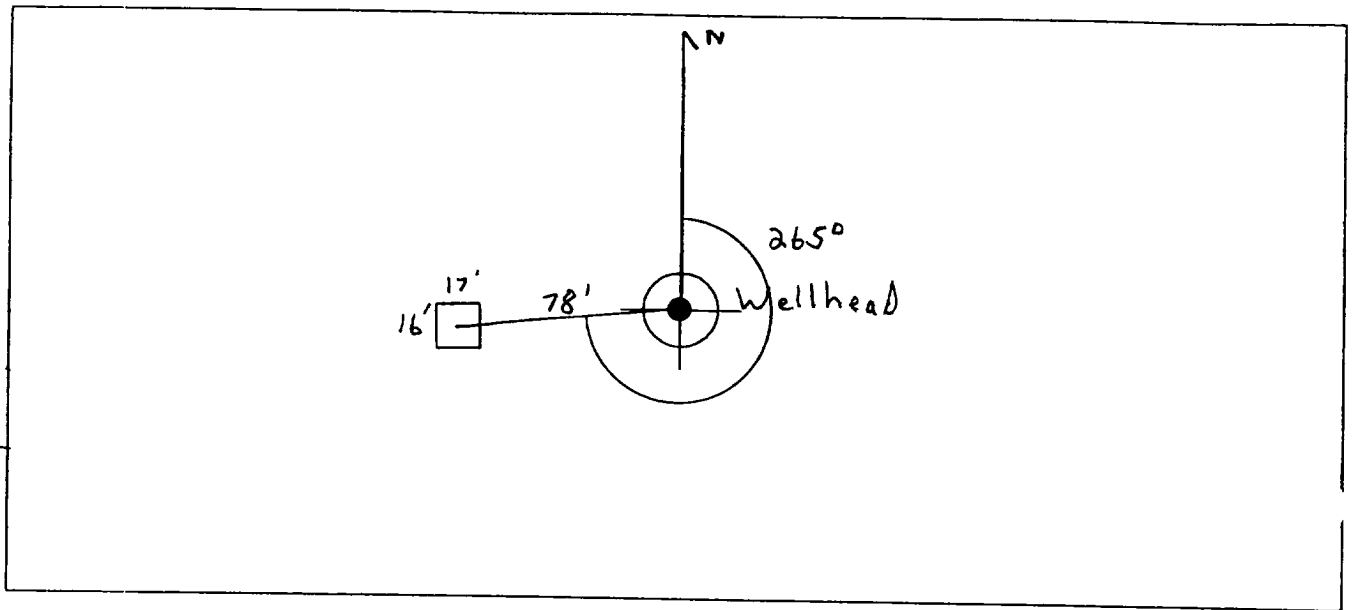
# FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>70747</u> Location: <u>Maddox Com 1</u>          Operator #: <u>D128</u> Operator Name: <u>MOI</u> P/L District: <u>Bloomfield</u>          Coordinates: Letter: <u>M</u> Section <u>17</u> Township: <u>30</u> Range: <u>8</u>          Or Latitude _____ Longitude _____          Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____          Site Assessment Date: <u>1/10/95</u> Area: <u>10</u> Run: <u>22</u></p>
SITE ASSESSMENT	<p><b>NMOCD Zone:</b>          (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1)          Outside <input checked="" type="checkbox"/> (2)</p> <p><b>Land Type:</b> BLM <input type="checkbox"/> (1)          State <input type="checkbox"/> (2)          Fee <input checked="" type="checkbox"/> (3)          Indian _____</p> <p><b>Depth to Groundwater</b>          Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1)          50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)          Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p><b>Wellhead Protection Area :</b>          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><b>Horizontal Distance to Surface Water Body</b>          Less Than 200 Ft (20 points) <input type="checkbox"/> (1)          200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2)          Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>San Juan River</u>          (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)          Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only)  <input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>30</u> POINTS</p>
REMARKS	<p>Remarks : <u>Redline Book - Inside</u> <u>Vulnerable Zone Type - Outside</u>  <u>pits Close Pit dry</u></p>

## ORIGINAL PIT LOCATION

## ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 265° Footage from Wellhead 78'  
b) Length : 17' Width : 16' Depth : 5'



## REMARKS

## Remarks :

Pictures @ 1448 21 - 24 roll 2

Going W on 173, take 1st Right after crossing bridge. Follow main road + take 1st right.

Completed By:

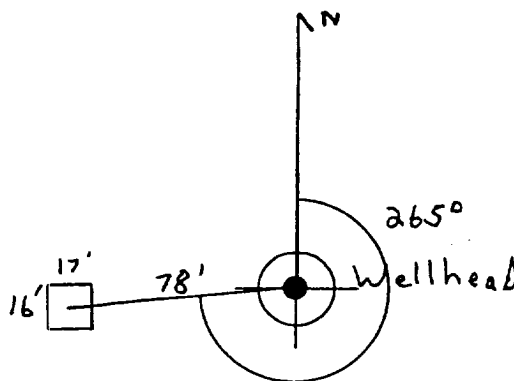
Cory Chase  
Signature

1/10/95  
Date

## ORIGINAL PIT LOCATION

## ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 265° Footage from Wellhead 78'  
b) Length : 17' Width : 16' Depth : 5'



## REMARKS

## Remarks :

Pictures @ 1448 21 - 24 roll 2

Going W on 173, take 1st Right after crossing bridge. Follow main road + take 1st right.

Completed By:

Cory Chase  
Signature

1/10/95  
Date

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>70747</u> Location: <u>Maddox Com</u></p> <p>Coordinates: Letter: <u>M</u> Section <u>17</u> Township: <u>30</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>2-3-95</u> Run: <u>10</u> <u>22</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KP 402</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>210</u> PID Reading Depth <u>12'</u> Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<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>2-3-95</u> Pit Closed By: <u>B.E.I.</u></p>
REMARKS	<p>Remarks : <u>some line markers dug a test hole to 12'</u>  <u>soil gray looking with HC. closed pit</u></p>
	<p>Signature of Specialist: <u>Ruby Padilla</u></p>



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP 402	946624
MTR CODE   SITE NAME:	70747	N/A
SAMPLE DATE   TIME (Hrs):	2-3-95	0830
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	2-8-95	2-8-95
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Brown clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	333	MG/KG			1.916	28
HEADSPACE PID	210	PPM				
PERCENT SOLIDS	83.9	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

*J. J.*

Date:

2-22-95



## CHAIN OF CUSTODY RECORD

Page \_\_\_\_\_ of \_\_\_\_\_

[illegible]