

# EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

OK

A.L. Elliott B#8 (Pit #2)  
Meter/Line ID – 02920

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## SITE DETAILS

Legals - Twn: 29N

Rng: 9W

Sec: 10

Unit: G

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Amoco

Pit Closure Date: 06/07/94

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## 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 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 5 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 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

Field Pit Assessment Form

Field Pit Remediation/Closure Form



Laboratory Analytical Results

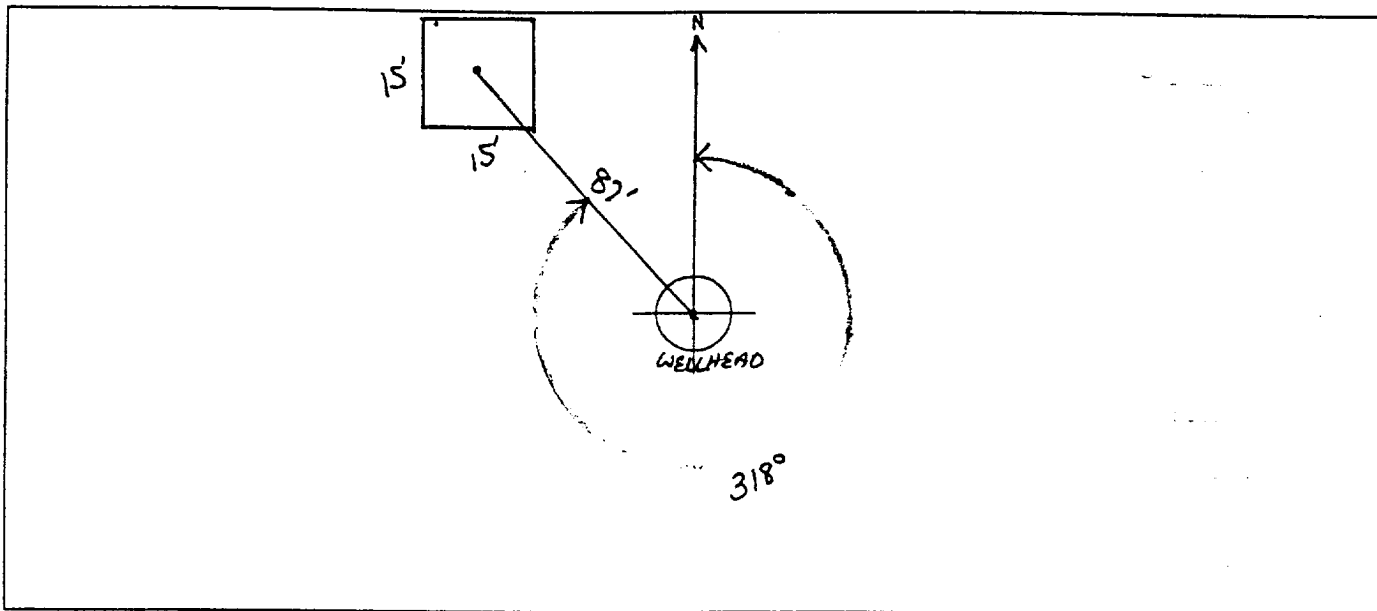
# FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>02920</u> Location: <u>A.L. ELLIOT B #8 RIFT (PIT #2)</u>          Operator #: <u>0203</u> Operator Name: <u>AMOCO</u> P/L District: <u>BLOOMFIELD</u>          Coordinates: Letter: <u>6</u> Section <u>10</u> Township: <u>29</u> Range: <u>9</u>          Or Latitude _____ Longitude _____          Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____          Site Assessment Date: <u>5.7.94</u> Area: <u>10</u> Run: <u>53</u></p>
SITE ASSESSMENT	<p><b>NMOCD Zone:</b>          (From NMOCD Maps)</p> <p><b>Land Type:</b> BLM <input checked="" type="checkbox"/> (1)          State <input type="checkbox"/> (2)          Fee <input type="checkbox"/> (3)          Indian _____</p> <p>Inside <input type="checkbox"/> (1)          Outside <input checked="" type="checkbox"/> (2)</p> <p><b>Depth to Groundwater</b>          Less Than 50 Feet (20 points) <input type="checkbox"/> (1)          50 Ft to 99 Ft (10 points) <input checked="" 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 type="checkbox"/> (2)          Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____          (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>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>10</u> POINTS</p>
REMARKS	<p>Remarks : <u>THREE PITS ON LOCATION. WILL CLOSE TWO OF THEM. PITS ARE DRY.</u>  <u>LOCATION IS ON A HILL AT THE BASE OF SOME CLIFFS. REDLINE SHOWS</u>  <u>LOCATION IS INSIDE THE V.Z. BUT TOPO SHOWS THAT IT IS OUTSIDE</u>  <u>THE V.Z.</u> <span style="float: right;">PUSH IN</span></p>

## ORIGINAL PIT LOCATION

## ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 318° Footage from Wellhead 82'  
b) Length : 15' Width : 15' Depth : 3'



## REMARKS

Remarks :

TOOK PICTURES AT 4:10 A.M.

END DUMP

Completed By:

Robert Thompson

Signature

5.7.94

Date

GENERAL	Meter: <u>02920</u> Location: <u>AL ELLiot B#8 PC 4 FT (Pit 2)</u> Coordinates: Letter: <u>G</u> Section <u>10</u> Township: <u>29</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Date Started : <u>6-7-94</u> Area: <u>10</u> Run: <u>53</u>
FIELD OBSERVATIONS	Sample Number(s): <u>MK 17</u> _____ Sample Depth: <u>12'</u> Feet Final PID Reading <u>5</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation <input type="checkbox"/> (1) Approx. Cubic Yards _____ Onsite Bioremediation <input type="checkbox"/> (2) Backfill Pit Without Excavation <input checked="" type="checkbox"/> (3) Soil Disposition: Envirotech <input type="checkbox"/> (1) <input type="checkbox"/> (3) Tierra Other Facility <input type="checkbox"/> (2) Name: _____ Pit Closure Date: <u>6-7-94</u> Pit Closed By: <u>B.F. I</u>
REMARKS	Remarks : <u>Soil was brown didn't smell any HYDROCARBONS</u> _____ _____
	Signature of Specialist: <u>Morgan Killion</u>





FIELD SERVICES LABORATORY  
ANALYTICAL REPORT  
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mk 17	945391
MTR CODE   SITE NAME:	02920 (Pit 2)	N/A
SAMPLE DATE   TIME (Hrs):	6-7-94	1305
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	6/10/94	6/10/94
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)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	210	MG/KG			2.05	28
HEADSPACE PID	5	PPM				
PERCENT SOLIDS	93.7	%				

— 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 L. Lott*

Date:

6/16/94