

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

outside

Risk
BTEX

**Russell Com 1
Meter/Line ID – 90897**

SITE DETAILS

Legals - Twn: 28N Rng: 8W Sec: 23 Unit: M
NMOCD Hazard Ranking: 20 Land Type: BLM
Operator: Amoco Pit Closure Date: 07/29/94

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 on July 29, 1994, to 12 feet below ground surface 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 202 ppm; laboratory analysis indicated a TPH concentration of 113 mg/kg. The site was re-assessed on February 26, 1998, due to the original assessment that 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 six years.
- The pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the excavation.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.

ATTACHMENT

Field Pit Assessment Form

Field Pit Remediation/Closure Form Phase I

Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 90897 Location: Russell Cam 1
 Operator #: _____ Operator Name: _____ P/L District: _____
 Coordinates: Letter: M Section 23 Township: 28 Range: 8
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 2/26/98 Area: _____ Run: _____

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) **Land Type:**

Inside	<input type="checkbox"/> (1)	BLM	<input checked="" type="checkbox"/> (1)
Outside	<input checked="" type="checkbox"/> (2)	State	<input type="checkbox"/> (2)
		Fee	<input type="checkbox"/> (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, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream (1) < 100' (Navajo Pits Only)
 (2) > 100'

TOTAL HAZARD RANKING SCORE: 20 POINTS

REMARKS

Remarks : Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is < 50 vertical Feet from center of Carrizo Canyon

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 90847 Location: RUSSELL COM 1
 Operator #: 0203 Operator Name: AMDCD P/L District: BLANCO
 Coordinates: Letter: M Section 23 Township: 28 Range: 8
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 5/20/94 Area: 13 Run: 62

SITE ASSESSMENT

NMOCD Zone:
 (From NMOCD Maps) Inside (1) Outside (2)

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 Carrizo Canyon
 (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: 40 POINTS

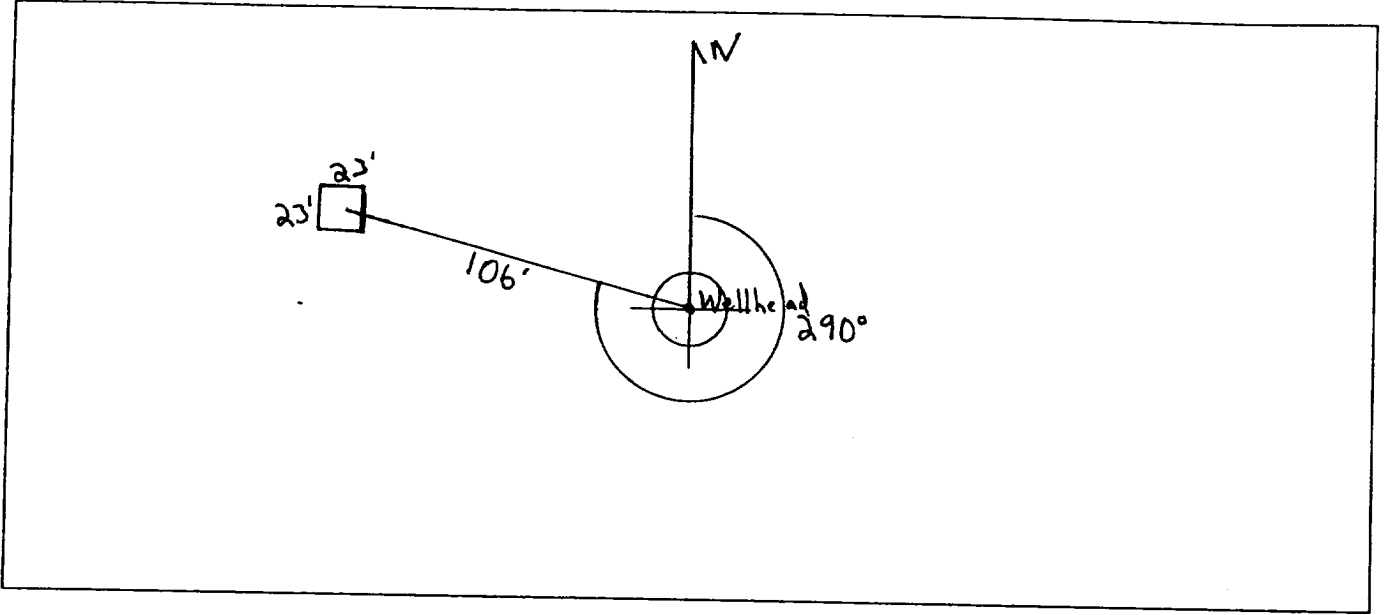
REMARKS

Remarks : Redline - Inside, Vuln - Outside
3 pits. Close. Pit Dry

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 290° Footage from Wellhead 106'
b) Length : 23' Width : 23' Depth : 5'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

Pictures @ 1154 (1-4) roll 4
Dump Truck

Completed By:

Cory Clave
Signature

5/20/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 90897 ^{to 2-94} Location: Russell con #1
Coordinates: Letter: m Section 23 Township: 28 Range: 8
Or Latitude _____ Longitude _____
Date Started : 7-29-94 Run: 13 62

FIELD OBSERVATIONS

Sample Number(s): MK 197
Sample Depth: 12' Feet
Final PID Reading 202 PID Reading Depth 12' Feet
Groundwater Encountered Yes No
Approximate Depth _____ Feet

CLOSURE

Remediation Method :
Excavation Approx. Cubic Yards _____
Onsite Bioremediation
Backfill Pit Without Excavation
Soil Disposition:
Envirotech Tierra
Other Facility Name: _____
Pit Closure Date: 7-29-94 Pit Closed By: BCI

REMARKS

Remarks : EPNG LINES marked soil brown slight
HYDRO carbon odor

Signature of Specialist: Morgan Hillion



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil**

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 197	945795
MTR CODE SITE NAME:	90847 90897	N/A
SAMPLE DATE TIME (Hrs):	7-29-94	1342
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	8/2/94	8/2/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown Sand/Clay

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)	113	MG/KG			2.05	28
HEADSPACE PID	202	PPM				
PERCENT SOLIDS	94.5	%				

- 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.
 Va. ve:

DF = Dilution Factor Used

Approved By: J.P.

Date: 8/2/94

