

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

Risk
BTEX outside

**Atlantic B LS 6A PC, MV
Meter/Line ID – 90649**

SITE DETAILS

Legals - Twn: 31N	Rng: 10W	Sec: 33	Unit: C
NMOCD Hazard Ranking:10		Land Type: BLM	
Operator: Amoco		Pit Closure Date: 09/28/94	

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 12 feet below ground surface and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. 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 215 ppm; laboratory analysis indicated a TPH concentration of 192 mg/kg. The site was re-assessed on April 9, 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 almost six years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Based on the Hazard Ranking Score, TPH was below required remediation levels.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Groundwater was not encountered in the test excavation.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form

Revised Field Pit Assessment Form
Laboratory Analytical Results

GENERAL

SITE ASSESSMENT

REMARKS

(assess) 12/16/97

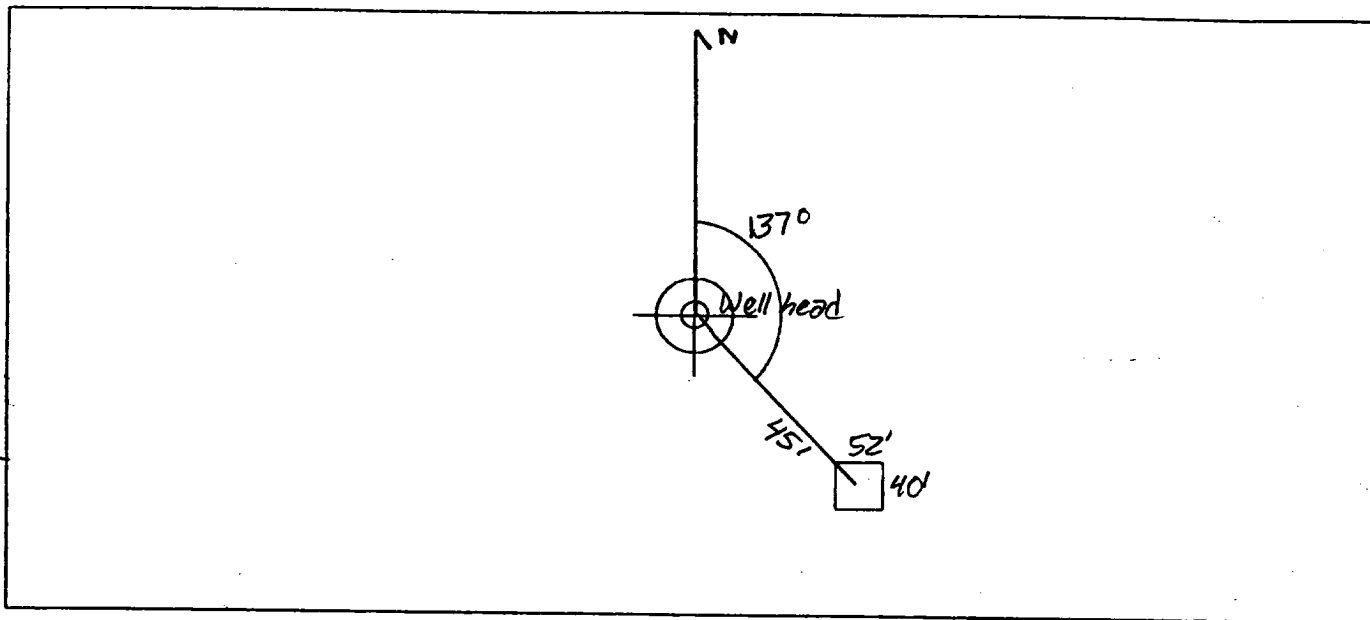
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: ^{90-649-MV}90-650-PC Location: <u>Atlantic BLS GA PC+MV</u> Operator #: <u>0203</u> Operator Name: ^{Amaco}Production P/L District: <u>Aztec</u> Coordinates: Letter: <u>C</u> Section <u>33</u> Township: <u>31</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>8/24/94</u> Area: <u>04</u> Run: <u>63</u></p>
	<p>NMOCD Zone: (From NMOCD Maps) Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2) Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____ Depth to Groundwater 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) 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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points) Horizontal Distance to Surface Water Body 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) Name of Surface Water Body <u>Mud Canyon</u> (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100' TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>
REMARKS	<p>Remarks : <u>Redline Book - Inside</u> <u>Vulnerable Zone Type - Outside</u> <u>Four pits, location drip pit is dry, will close one pit.</u> <u>Push In</u></p>

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 137° Footage from Wellhead 45'
b) Length : 52' Width : 40' Depth : 5'



REMARKS

Remarks :

Pictures @ 1220 (5-8, Roll I)

Dump Truck

Topo map shows location as T31, R10, sec 33, F. Location on the front of this sheet is from the red line book.

Completed By:

Josh Kelly
Signature

8/24/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 90649
90650 Location: ATLANTIC BLS 6A PC & MV
Coordinates: Letter: C Section 33 Township: 31 Range: 10
Or Latitude _____ Longitude _____
Date Started : 9-28-94 Run: 04 63

FIELD OBSERVATIONS

Sample Number(s): KP 269
Sample Depth: 12' Feet
Final PID Reading 215 PID Reading Depth 12' Feet
Yes No
Groundwater Encountered ☐ ☒ 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: 9-28-94 Pit Closed By: B.E.I

REMARKS

Remarks : NO LINE MARKERS. Dual Pit. Soil dark Black
With A Smell.

Signature of Specialist: Kelly Padilla



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP 269	946279
MTR CODE SITE NAME:	90649 / 90650	N/A
SAMPLE DATE TIME (Hrs):	9-29-94	1300
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	10-3-94	
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Light gray coarse sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	192	MG/KG			2.00	28
HEADSPACE PID	215	PPM				
PERCENT SOLIDS	94.1	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10/6/94

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NAME # 24324 Pit Closure Project				DATE: 9-29-94							
SAMPLERS: (Signature) Kelly Padilla				DATE: 9-29-94							
LAB ID	DATE	TIME	MATRIX	FIELD ID	REQUESTED ANALYSIS			REMARKS			
					TPH	BTEX	LAB PID	SEQUENCE #			
946273	9-29-94	0844	Soil	KP 263	X	X		239	Hit sand stone at 6' soil dark gray		
946274	9-29-94	0945	Soil	KP 264	X	X		240			
946275	9-29-94	0945	Soil	KP 265	X	X					
946276	9-29-94	0850	Soil	KP 266	X	X					
946277	9-29-94	1043	Soil	KP 267	X	X		241	Soil Black with a smell.		
946278	9-29-94	1135	Soil	KP 268	X	X		242	Hit sand stone at 6' Soil gray looking		
946279	9-29-94	1300	Soil	KP 269	X	X		243	Soil Dark Black with a smell		
946280	9-29-94	1520	Soil	KP 270	X	X		244	Hit sand stone at 7' soil still dark gray		
946281	9-29-94	1600	Soil	KP 271	X	X		245	Hit sand stone at 8' soil light brown		
946282	9-29-94	1630	Soil	KP 272	X	X		246	Soil Gray looking with a smell		
					5/23/2014						
RELINQUISHED BY: (Signature) Kelly Padilla					DATE/TIME 39		RECEIVED BY: (Signature) Brenda Rios		DATE/TIME 28	RECEIVED BY: (Signature)	
RELINQUISHED BY: (Signature)					DATE/TIME 9-29-94 1800		RECEIVED BY: (Signature)		DATE/TIME 10-20	RECEIVED BY: (Signature) K-J	
REQUESTED TURNAROUND TIME: <input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH					SAMPLE RECEIPT REMARKS Sample KP 271 was not taped (Bik tape) around lid. Sample was individually bagged. Brenda Rios will tape (BET). CHARGE CODE Acceptable Sample.					RESULTS & INVOICES TO: FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P.O. BOX 4990 FARMINGTON, NEW MEXICO 87499 FAX: 505-599-2261	
CARRIER CO.					505-599-2144					505-599-2144	
BILL NO.:					9/30/94					No BTEX needed all of them outside WJ2	