

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

BEK
Bedrock

Florance No. 112 PC
Meter/Line ID – 90741

SITE DETAILS

Legals - Twn: 30N	Rng: 9W	Sec: 24	Unit: B
NMOCD Hazard Ranking: 10		Land Type: BLM	
Operator: Amoco		Pit Closure Date: 05/19/94	

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 nine feet and a soil sample was collected for **field** headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the **test** pit and bedrock was encountered at 6 feet below ground surface. 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 250 ppm; laboratory analysis indicated a TPH concentration of 275 mg/kg. This site was re-assessed on April 24, 1998, 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 over 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

GENERAL	Meter: <u>90741</u> Location: <u>FLORENCE #112 PC</u> Operator #: <u>0203</u> Operator Name: <u>AMOCO PROD.</u> P/L District: _____ Coordinates: Letter: <u>B</u> Section <u>24</u> Township: <u>30</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>4.24.98</u> Area: <u>10</u> Run: <u>22</u>		
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps)	Land Type: Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	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 _____ (Surface Water Body: Perennial Rivers, 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		
REMARKS	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. LOCATION SITS AT THE BASE OF A SANDSTONE LEDGE NORTH OF THE PUMP CANYON WASH.</u>		

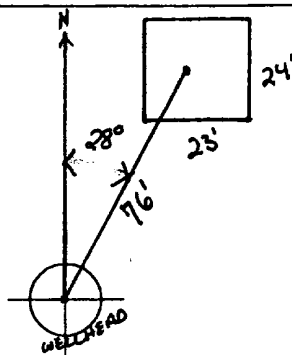
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>90741</u> Location: <u>FLORANCE # 112 PC</u> Operator #: <u>0203</u> Operator Name: <u>AMOCO P/L</u> District: <u>BLOOMFIELD</u> Coordinates: Letter: <u>6</u> Section <u>24</u> Township: <u>30</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>4.26.94</u> Area: <u>10</u> Run: <u>22</u></p>				
	<table border="0"> <tr> <td data-bbox="203 765 560 937">NMOCD Zone: (From NMOCD Maps)</td> <td data-bbox="560 765 868 937"> Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____ </td> </tr> <tr> <td data-bbox="560 851 868 937"> Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2) </td> <td></td> </tr> </table> <p>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)</p> <p>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)</p> <p>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)</p> <p>Name of Surface Water Body _____ (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'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>		NMOCD Zone: (From NMOCD Maps)	Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____	Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)
NMOCD Zone: (From NMOCD Maps)	Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____				
Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)					
REMARKS	<p>Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS ON A HILL. REOLINE SHOWED LOCATION INSIDE ZONE BUT TOPO SHOWED IT OUTSIDE V.Z.</u></p> <p style="text-align: right;"><u>PUSH IN</u></p>				

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 28° Footage from Wellhead 76'
b) Length : 24' Width : 23' Depth : 3'



REMARKS

Remarks :

TOOK PICTURES AT 3:25 P.M.

END OUMP

Completed By:

Robert Thompson

Signature

4.26.94

Date

GE1	Meter: <u>90741</u> Location: <u>Florence #112 PC</u> Coordinates: Letter: <u>6</u> Section <u>24</u> Township: <u>30</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Date Started : <u>5-19-94</u> Area: <u>10</u> Run: <u>22</u>
FIELD OBSERVATIONS	Sample Number(s): <u>VW119</u> Sample Depth: <u>9'</u> Feet Final PID Reading <u>250</u> PID Reading Depth <u>9'</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>5-19-94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>Line markers 9' hit hard layer of Bentonite</u> Signature of Specialist: <u>Vale Wilson</u>



CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER		PROJECT NAME		PROJECT # 24324		DATE		SAMPLE NUMBER		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS		CONTRACT LABORATORY P. O. NUMBER	
LABID		DATE		TIME		MATRIX		SAMPLE NUMBER		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS		CONTRACT LABORATORY P. O. NUMBER	
LABID		DATE		TIME		MATRIX		SAMPLE NUMBER		TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS		CONTRACT LABORATORY P. O. NUMBER	
5237	5-19-94	830	Soil	VW110	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5238	5-19-94	915	Soil	VW111	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5239	5-19-94	945	Soil	VW112	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5240	5-19-94	1035	Soil	VW113	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5241	5-19-94	1110	Soil	VW114	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5242	5-19-94	1215	Soil	VW115	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5243	5-19-94	1215	Soil	VW116	1	D	X	TPH EPA 418.1	BTEX EPA 8020								
5244	5-19-94	1220	Soil	VW117	1	B	X	TPH EPA 418.1	BTEX EPA 8020								
5245	5-19-94	1250	Soil	VW118	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5246	5-19-94	1315	Soil	VW119	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5247	5-19-94	1400	Soil	VW120	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
5248	5-19-94	1505	Soil	VW121	1	VG	X	TPH EPA 418.1	BTEX EPA 8020								
RELINQUISHED BY: (Signature)		DATE/TIME		34		RECEIVED BY: (Signature)		DATE/TIME		RELINQUISHED BY: (Signature)		DATE/TIME		RELINQUISHED BY: (Signature)		DATE/TIME	
Vale Wilson		5-19-94		1730		Brenda Liss		5-19-94		Brenda Liss		5-19-94		Brenda Liss		5-19-94	
RELINQUISHED BY: (Signature)		DATE/TIME		5-19-94		RECEIVED BY: (Signature)		DATE/TIME		RELINQUISHED BY: (Signature)		DATE/TIME		RELINQUISHED BY: (Signature)		DATE/TIME	
Vale Wilson		5-19-94		1730		Brenda Liss		5-19-94		Brenda Liss		5-19-94		Brenda Liss		5-19-94	
REQUESTED TURNAROUND TIME:		ROUTINE		RUSH		SAMPLE RECEIPT REMARKS		CHARGE CODE		RESULTS & INVOICES TO:		FIELD SERVICES LABORATORY		EL PASO NATURAL GAS COMPANY		P.O. BOX 4990	
CARRIER CO.		FARMINGTON, NEW MEXICO 87499		505-599-2144		505-599-2261		505-599-2261		505-599-2261		505-599-2261		505-599-2261		505-599-2261	
BILL NO.:		505-599-2144		505-599-2261		505-599-2261		505-599-2261		505-599-2261		505-599-2261		505-599-2261		505-599-2261	



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW119	945246
MTR CODE SITE NAME:	90741	N/A
SAMPLE DATE TIME (Hrs):	5-19-94	1315
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	5/20/94	5-20-94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	LO	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)	280275	sub. 6/12/94 MG/KG			2.10	28
HEADSPACE PID	250	PPM				
PERCENT SOLIDS	92.6	%				

-- 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.
Na ve:

DF = Dilution Factor Used

Approved By:

John Senter

Date:

6/15/94