

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Outside

RISK - LOW
BTEX - TPH

San Juan 28-7 Unit #131
Meter/Line ID - 87690

RECEIVED
NOV - 2 1999
OIL CON. DIV.
DIST. 3

SITE DETAILS

Legals - Twn: 28N
NMOCD Hazard Ranking: 0
Operator: Amoco

Rng: 7

Sec: 34 Unit: L
Land Type: BLM
Pit Closure Date: 8/9/94

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.

Sandstone was encountered in the test excavation at four feet. The excavation was terminated 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 then backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 1,010 ppm; laboratory analysis indicated a TPH concentration of 5,250 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 over four years.
- Bedrock was encountered in the test excavation at four feet making remediation impractical.
- The test pit was backfilled with clean soil and the former pit area graded to direct surface runoff away from the former pit.
- Source material has been removed from the ground surface, eliminating potential direct contact with livestock and the public.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 100 feet; therefore, impact to groundwater is unlikely.
- There are no water supply wells or potential surface water receptors within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade by natural attenuation with minimal risk to the environment.

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>87690</u> Location: <u>San Juan 28-7 Unit #131</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>L</u> Section <u>34</u> Township: <u>28</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>4/14/98</u> Area: _____ Run: _____	
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 type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input checked="" 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>0</u> POINTS	
REMARKS	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is >100' vertical from center of Carrizo Canyon.</u>

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 87-690 Location: San Juan 28-7 Unit #131
 Operator #: 0203 Operator Name: Amoco Production P/L District: Blanco
 Coordinates: Letter: L Section 34 Township: 28 Range: 7
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 8/9/94 Area: 03 Run: 21

NMOCD Zone:

(From NMOCD
Maps)

Inside

Outside

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 Creek

(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

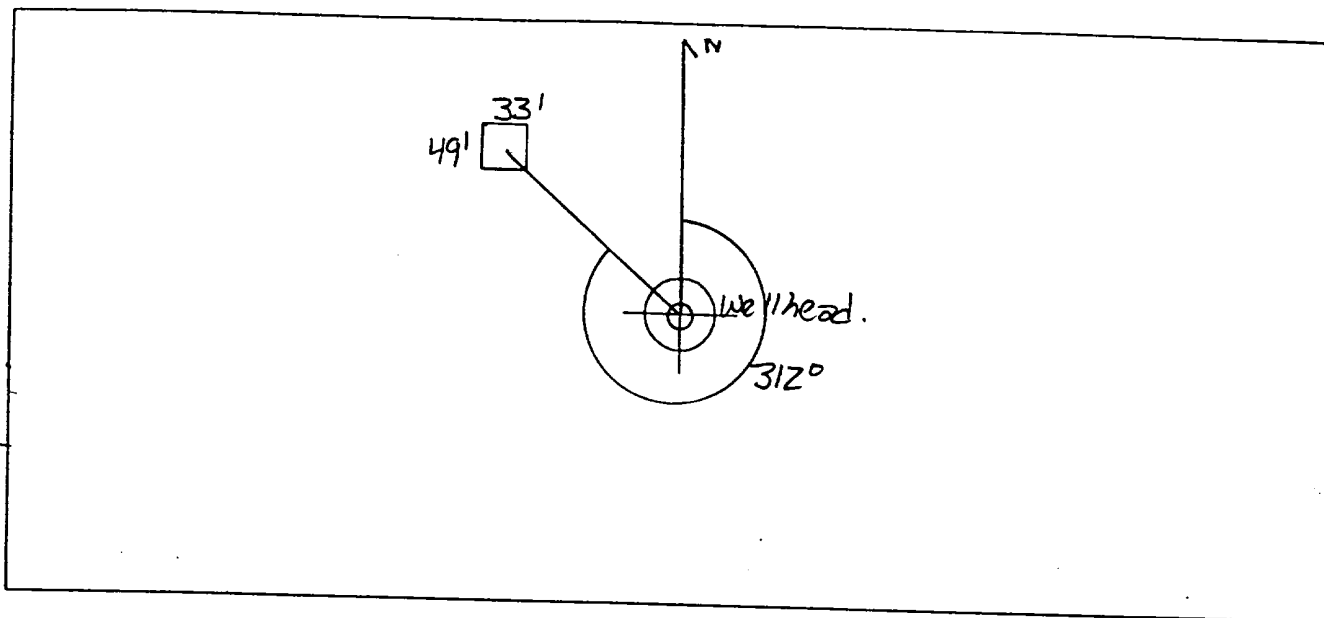
SK 8/9/94
 Remarks: Redline Book - Outside Vulnerable Zone Type - Outside
~~three~~ pits, location drip pit has oil in it, will close one pit.

PUSH TIT

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 312° Footage from Wellhead 24'
b) Length : 49' Width : 33' Depth : 3'



Remarks :

Pictures @ 1043 (1-4, Roll 1)
Dump Truck

REMARKS

Completed By:

Mark Kelly
Signature

8/9/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>87690</u> Location: <u>SAN JUAN 28-7 unit #131</u> Coordinates: Letter: <u>L</u> Section <u>34</u> Township: <u>28</u> Range: <u>7</u> Or Latitude _____ Longitude _____ Date Started : <u>8-9-94</u> Run: <u>03</u> <u>21</u>
FIELD OBSERVATIONS	Sample Number(s): <u>NK242 8/10/94 BIC</u> Sample Depth: <u>4'</u> Feet Final PID Reading <u>1010</u> PID Reading Depth <u>4'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div> Excavation Onsite Bioremediation Backfill Pit Without Excavation </div> <div style="text-align: right;"> <input type="checkbox"/> Approx. Cubic Yards _____ <input type="checkbox"/> <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div> Envirotech <input type="checkbox"/> Other Facility <input type="checkbox"/> </div> <div> <input type="checkbox"/> Tierra Name: _____ </div> </div> Pit Closure Date: <u>8-9-94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>EPNG lines marked soil gray strong Hydrocarbon odor hit sandstone 4'</u>
	Signature of Specialist: <u>Morgan Killion</u>



El Paso
Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER		PROJECT NAME		PROJECT ANALYSIS		REQUESTED ANALYSIS		CONTRACT LABORATORY P. O. NUMBER	
SAMPLERS: (Signature)		DATE		SAMPLE NUMBER		TOTAL NUMBER OF CONTAINERS		SAMPLE TYPE	
LAB ID	DATE	TIME	MATRIX	DATE	TIME	TPH EPA 418.1	BTEX EPA 8020	REMARKS	
5882	8-9-94	11:25	Soil	MK240		X		216 Grey Soil strong Hydrocarbon odor	
5883	8-9-94	11:29	Soil	MK241		X		217 Green Soil Slight Hydrocarbon odor	
5884	8-9-94	13:44	Soil	MK242		X		218 Grey Soil strong Hydrocarbon odor	
5885	8-9-94	15:43	Soil	MK243		X		219 Grey Soil strong Hydrocarbon odor	
[The following rows are crossed out with a large diagonal line]									
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
Morgan Hillier		8-9-94 17:09		Brenda Liss		8/10/94 0945		Brenda Liss	
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
								Brenda Liss	
REQUESTED TURNAROUND TIME:				SAMPLE RECEIPT REMARKS				RESULTS & INVOICES TO:	
<input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH								FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P.O. BOX 4990 FARMINGTON, NEW MEXICO 87499	
CARRIER CO.				CHARGE CODE				505-599-2144	
BILL NO.:								FAX: 505-599-2261	



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mw 242	945884
MTR CODE SITE NAME:	KOK 2/10/94 344 87690	N/A
SAMPLE DATE TIME (Hrs):	8-9-94	1344
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL:	8/11/94	8/11/94
DATE OF BTEX EXT. ANAL:	N/A	N/A
TYPE DESCRIPTION:	VG	gray sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	5250	MG/KG			1.77	28
HEADSPACE PID	1010	PPM				
PERCENT SOLIDS	88.1	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

J. P.

Date:

9/2/94