

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

9

San Juan 32-8 Unit #5 MV
Meter/Line ID - 72380

SITE DETAILS

Legals - Twn: 31N

Rng: 8W

Sec: 10

Unit: N

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Phillips

Pit Closure Date: 07/24/95

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 six 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 0 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 five 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. In addition, the estimated depth to groundwater is greater than 100 feet.
- Bedrock was encountered at 6 feet below ground surface; therefore, impact to groundwater is unlikely.
- 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

Meter: 72380 Location: Sanduan 32-8 unit #5 MV
 Operator #: _____ Operator Name: Phillips P/L District: Bloomfield
 Coordinates: Letter: N Section: 10 Township: 31 Range: 08
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 3/2/95 Area: 10 Run: 63

SITE ASSESSMENT

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 EPHEMERAL DRAINAGE
TO SIMON 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: 10 POINTS

REMARKS

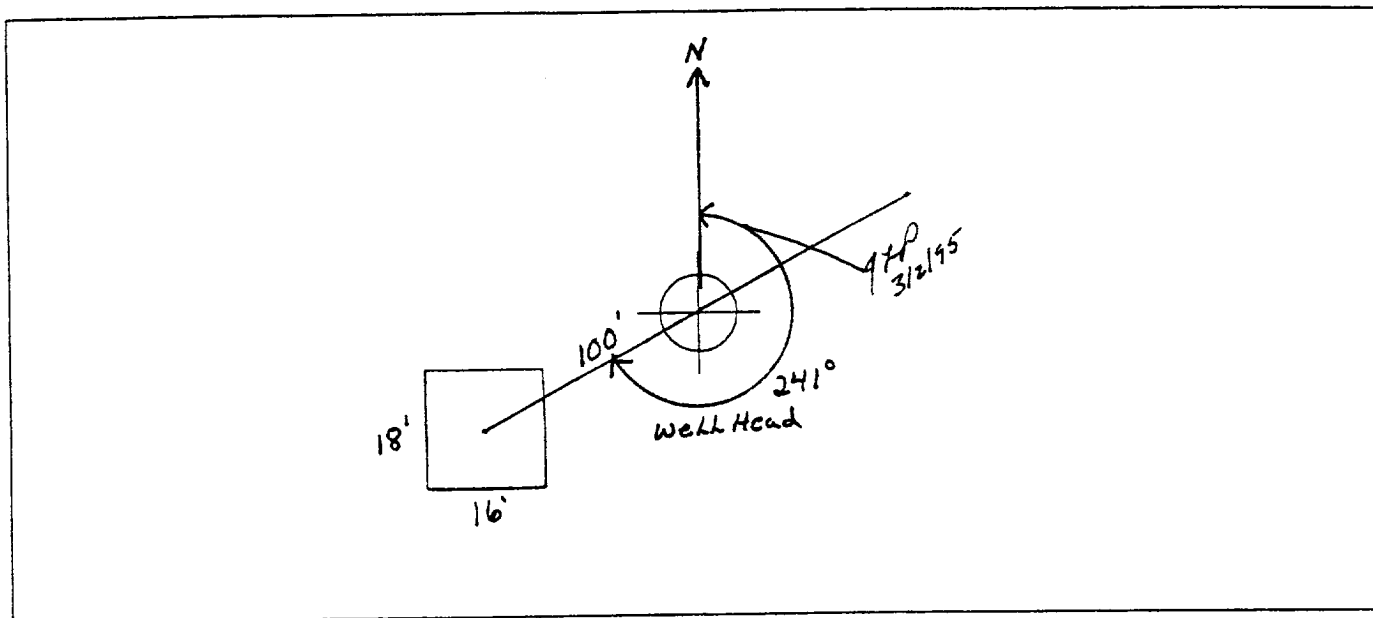
Remarks : Redline shows inside but Topo shows Loc. outside
1/2. Only pit on Loc. Belongs to Epng Will close pit

Push In

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 241° Footage from Wellhead 100'
b) Length : 18' Width : 16' Depth : 3'



REMARKS

Remarks :

Photos: 11:30

Completed By:

James F. Penrose
Signature

3/2/95
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>72380</u> Location: <u>SAN JUAN 32-8 unit #5</u> <u>MU</u> Coordinates: Letter: <u>M</u> Section <u>10</u> Township: <u>31</u> Range: <u>08</u> Or Latitude _____ Longitude _____ Date Started : <u>7-24-95</u> Run: <u>10</u> <u>63</u>
FIELD OBSERVATIONS	Sample Number(s): <u>MK444</u> <u>MK445</u> <u>MK446</u> Sample Depth: <u>6'</u> Feet Final PID Reading <u>0 PPM</u> PID Reading Depth <u>6'</u> 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: <u>7-24-95</u> Pit Closed By: <u>Philip</u>
REMARKS	Remarks : <u>Arrived Took Fence Down Dug Sample Hole</u> <u>Pit appeared Bc clean all the way through Hit Rock</u> <u>at 6'</u>
Signature of Specialist: <u>Morgan Xilicion</u>	



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 444	947059
MTR CODE SITE NAME:	72380	N/A
SAMPLE DATE TIME (Hrs):	07-24-95	12:45
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	7-25-95	
DATE OF BTEX EXT. ANAL.:		
TYPE DESCRIPTION:	VG	Brown sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	DL 10	MG/KG			1.99	28
HEADSPACE PID	0	PPM				
PERCENT SOLIDS	90.7	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:



CHAIN OF CUSTODY RECORD

[illegible]

CHAIN OF CUSTODY RECORD

PROJECT NAME # 24324 Pit Closure Project				DATE: 7-24-95																					
SAMPLERS: (Signature) Morgan Killian																									
LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBERS OF CONTAINERS			REQUESTED ANALYSIS				REMARKS													
					TPH	BTEX	LAB PID	SEQUENCE #																	
947057	7-24-95	10:15	Soil	MK442	1	VG	X	398	72373	Brown soil No Hydrocarbon odor															
947058	7-24-95	11:05	Soil	MK443	1	VG	X	399	72375	Gray soil No Hydrocarbon odor															
947059	7-24-95	12:45	Soil	MK444	1	VG	X	400	72380	Brown soil No Hydrocarbon odor															
947060	7-24-95	12:45	Soil	MK445	1	D	X																		
947061	7-24-95	12:50	Soil	MK446	1	B	X																		
947062	7-24-95	4:40	Soil	MK447	1	VG	X	401	89535	Gray soil strong Hydrocarbon odor															

RELINQUISHED BY: (Signature)					RECEIVED BY: (Signature)					DATE/TIME 7/25/95					RECEIVED BY: (Signature)										
Morgan Killian					Kelly Stwall					7/25/95															
RELINQUISHED BY: (Signature)					RECEIVED BY: (Signature)					DATE/TIME					RECEIVED OF LABORATORY BY: (Signature)										
REQUESTED TURNAROUND TIME: ☐ ROUTINE ☐ RUSH													RESULTS & INVOICES TO:												
CARRIER CO.													FIELD SERVICES LABORATORY												
													EL PASO NATURAL GAS COMPANY												
													P.O. BOX 4990												
													FARMINGTON, NEW MEXICO 87499												
BILL NO.:													505-599-2144												
CHARGE CODE													505-599-2261												

SAMPLE RECEIPT REMARKS
No red integrity seals, jars were taped shut. Seals were put on by lab RUB 7/25/95