Rick-bedrock

EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE Dehy

Gooch #1
Meter/Line ID – 90758

SITE DETAILS

Legals - Twn: 28N **Rng: 8W** **Sec: 20** **Unit: B**
NMOCD Hazard Ranking: 0 **Land Type: BLM**
Operator: Amoco **Pit Closure Date: 7/19/94**

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 5' where sandstone was encountered. The excavation was terminated at 5' 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 249 ppm: laboratory analysis indicated a TPH concentration of 850 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 five years.
- Bedrock was encountered in the test excavation at five feet below ground surface 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: 90758 Location: Gooch #1
Operator #: _____ Operator Name: _____ P/L District: _____
Coordinates: Letter: B Section 20 Township: 28 Range: 8
Or Latitude _____ Longitude _____
Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____
Site Assessment Date: 4/9/98 Area: _____ Run: _____

SITE ASSESSMENT

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

Land Type:
BLM X (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) X (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) X (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) X (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: 0 POINTS

REMARKS

Remarks : Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is >100' vertical to center of nearest wash (Large Carrizo)

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 90758 Location: GOOCH 1
Operator #: 0203 Operator Name: Amoco P/L District: Blanco
Coordinates: Letter: B Section 20 Township: 28 Range: 8
Or Latitude _____ Longitude _____
Pit Type: Dehydrator √ Location Drip: ___ Line Drip: ___ Other: _____
Site Assessment Date: 5/23/94 Area: 13 Run: 21

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: 10 **POINTS**

REMARKS

Remarks : Redline #Vuln. - Outside
2 pits. Will close 1. Pit dry

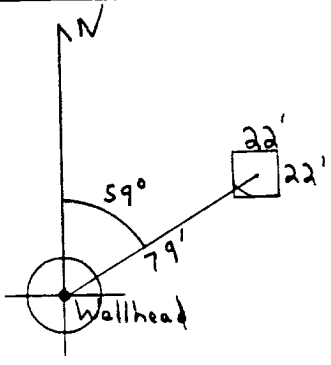
PULLED

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 59° Footage from Wellhead 79'

b) Length : 22' Width : 22' Depth : 5'



REMARKS

Remarks :

Pictures @ 1217 (6-9)

Dump Truck

Completed By:

Cory Chase
Signature

5/23/04
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 90758 Location: Gooch #1

Coordinates: Letter: B Section 20 Township: 28 Range: 8

Or Latitude _____ Longitude _____

Date Started : 7-19-94 Run: 13 31

FIELD OBSERVATIONS

Sample Number(s): MK156 MK157 MK158 _____

Sample Depth: 5 Feet

Final PID Reading 249 PID Reading Depth 5 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: 7-19-94 Pit Closed By: _____

REMARKS

Remarks : EPNG lines not marked Brown soil Strong Hydrocarbon Odor

Signature of Specialist: Morgan Killion

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 156	945713
MTR CODE | SITE NAME:	90758	N/A
SAMPLE DATE | TIME (Hrs):	7-19-94	1210
SAMPLED BY:	N/A	
DATE OF TPH EXT. | ANAL.:	7/21/94	7/21/94
DATE OF BTEX EXT. | ANAL.:	N/A	N/A
TYPE | DESCRIPTION:	VG	Brown Fine Sand

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)	850	MG/KG			2.28	28
HEADSPACE PID	249	PPM				
PERCENT SOLIDS	93.7	%				

– 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.

Narrative:

DF = Dilution Factor Used