Bedrock

EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE Drip

Elliot Gas Com C#1
Meter/Line ID – 70165

SITE DETAILS

Legals - Twn: 30N **Rng: 9W** **Sec: 9** **Unit: G**
NMOCD Hazard Ranking: 0 **Land Type: BLM**
Operator: Amoco Prod **Pit Closure Date: 5/17/94**

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 11' where sandstone was encountered. The excavation was terminated at 11' 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 204 ppm; laboratory analysis indicated a TPH concentration of 3280 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 eleven 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: 70165 Location: ELLIOT GAS COM C #1
Operator #: 0203 Operator Name: Amoco Prod. P/L District: _____
Coordinates: Letter: G Section 9 Township: 30 Range: 9
Or Latitude _____ Longitude _____
Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
Site Assessment Date: 4.23.98 Area: 10 Run: 33

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. LOCATION IS NESTLED AT THE BASE OF A SAND-STONE LEDGE AND IS APPROX. 4700' FEET FROM CABALLO SPRING.

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 70165 Location: ELLIOT GAS COM C #1
Operator #: 0203 Operator Name: AMOCO P/L District: BLOOMFIELD
Coordinates: Letter: G Section 9 Township: 30 Range: 9
Or Latitude _____ Longitude _____
Pit Type: Dehycrator ___ Location Drip: X Line Drip: ___ Other: _____
Site Assessment Date: 4.20.94 Area: 10 Run: 33

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 _____
(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: 0 **POINTS**

REMARKS

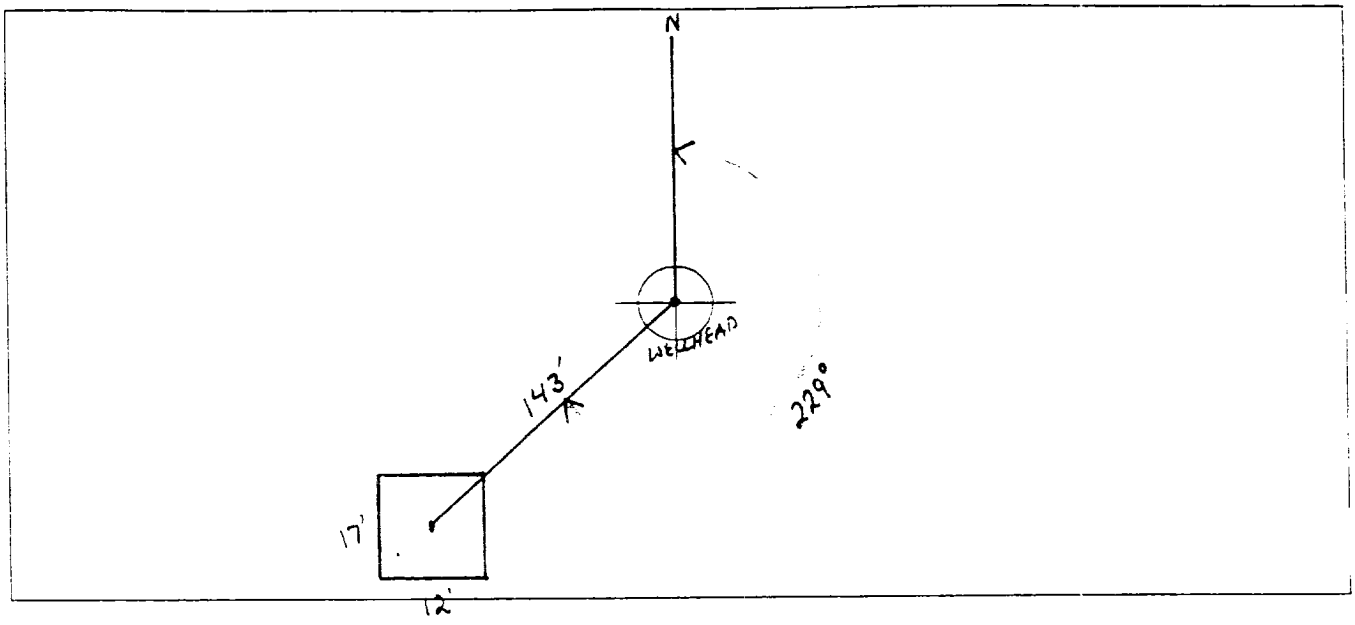
Remarks : THREE PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS DRY. DO NOT KNOW WHY THIS LOCATION IS IN THE WATER VULNERABLE ZONE.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 229° Footage from Wellhead 143'

b) Length : 17' Width : 12' Depth : 2'



REMARKS

Remarks :

STARTED TAKING PICTURES AT 9:25 A.M.

END DUMP

Completed By:

Rick Thompson
Signature

4.20.94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 72165 Location: Elliott Gas Com C #1

Coordinates: Letter: G Section 9 Township: 30 Range: 9

Or Latitude _____ Longitude _____

Date Started : 5-17-94 Area: 10 Run: 33

FIELD OBSERVATIONS

Sample Number(s): VW 95 _____ _____ _____

Sample Depth: 11' Feet

Final PID Reading 204 PID Reading Depth 11' Feet

Groundwater Encountered Yes ☐ (1) No ☒ (2) Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation ☐ (1) Approx. Cubic Yards _____

Onsite Bioremediation ☐ (2)

Backfill Pit Without Excavation ☒ (3)

Soil Disposition:

Envirotech ☐ (1) ☐ (3) Tierra

Other Facility ☐ (2) Name: _____

Pit Closure Date: 5-17-94 Pit Closed By: BLT

REMARKS

Remarks : Line Markers. Sandstone 11'

Signature of Specialist: Vale Wilson

(SP3191) 04/07/94

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW95	94S212
MTR CODE | SITE NAME:	70165	N/A
SAMPLE DATE | TIME (Hrs):	5-17-94	1230
SAMPLED BY:	N/A	
DATE OF TPH EXT. | ANAL.:	5-18-94	5/18/94
DATE OF BTEX EXT. | ANAL.:	N/A ~~5/18/94~~	~~5/18/94~~ N/A 5/19/94
TYPE | DESCRIPTION:	VG	Dark Grey 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)	5280	MG/KG			1.98	28
HEADSPACE PID	204	PPM				
PERCENT SOLIDS	89.1	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at _____% for this sample All QA/QC was acceptable.

Narrative:

DF = Dilution Factor Used

Approved By: _____ Date: 5/21/94