

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Failed
TPH
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Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

30-045-25614

Operator: Amoco (Site Closed by El Paso Field Services) Telephone: _____

Address: _____

Facility Or: Bell Federal Gas Com A#1E, Meter 94740

Well Name _____

Location: Unit or Qtr/Qtr Sec E Sec 12 T 30 R 13 County San Juan

Pit Type: Separator _____ Dehydrator X Other _____

Land Type: BLM X , State _____, Fee _____ Other _____

Pit Location: Pit dimensions: length 17' , width 17' , depth 3'
(Attach diagram)

Reference: wellhead X , other _____

Footage from reference: 118'

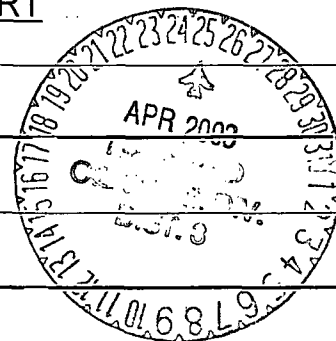
Direction from reference: 335 Degrees X East North _____
of
_____ West South _____

Depth To Ground Water	Less than 50 feet	(20 points)
(Vertical distance from	50 feet to 99 feet	(10 points)
contaminants to seasonal	Greater than 100 feet	(0 points) <u> 20 </u>
high water elevation of		
ground water.)		

Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private	No (0 points) <u> 0 </u>
domestic water source, or; less than	
1000 feet from all other water sources.)	

Distance To Surface Water:	Less than 200 feet	(20 points)
(Horizontal distance to perennial	200 feet to 1000 feet	(10 points)
lakes, ponds, rivers, streams, creeks,	Greater than 1000 feet	(0 points) <u> 10 </u>
irrigation canals and ditches.)		

RANKING SCORE (TOTAL POINTS): 30



Date Remediation Started: 01/16/95 Date completed: 01/16/95

Remediation Method: Excavation X Approx. cubic yards 60
(Check all appropriate sections.) Landfarmed _____ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite Tierra
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Some line markers. Started remediating to 12'. Soil is brown with a hydrocarbon odor. At 12' soil brown looking with hydrocarbon odor.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Four walls and center of pit composite
Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 12'

Sample Date 01/16/95 Sample time 16:00

Sample Results

Benzene(ppm) <1.01

Total BTEX(ppm) <6.05

Field headspace(ppm) 107

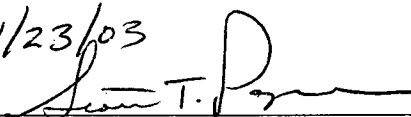
TPH 139

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date 4/23/03

Signature



Printed Name
and Title

Scott Pope, Senior Environmental Scientist



PIT CLOSURE REQUEST

Bell Federal Gas Com A #1E
Meter/Line ID 94740

SITE DETAILS

Legals - Twn: 30N
NMOCD Hazard Ranking: 30
Operator: Crosstimbers

Rng: 13W

Sec: 12
Land Type: BLM
Pit Closure Date: 1/16/95

Unit: E

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 12 feet (ft) below ground surface (bgs) and a soil sample was collected for field headspace and laboratory analysis for TPH and BTEX. Groundwater was not encountered in the test pit. Headspace analysis indicated an organic vapor content of 107 ppm; laboratory analysis indicated a benzene concentration of <1.01 mg/kg, a total BTEX concentration of <6.05 mg/kg, and a TPH concentration of 139 mg/kg. Benzene and total BTEX concentrations were within the recommended remediation level for the Hazard Ranking Score of 30.

Approximately 60 cubic yards of soil were excavated and hauled to Tierra, a commercial landfarm, for treatment and disposal. The pit was backfilled with clean soil and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was terminated at 17 ft bgs. A soil sample was collected at 15-17 ft bgs for field headspace and laboratory analysis for TPH and BTEX. The soil boring was drilled approximately 2 feet from the edge of the pit on the down slope (NE corner). No groundwater was encountered in the soil boring. Headspace analysis indicated an organic vapor content of 0 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, a total BTEX concentration of <3 mg/kg, and a TPH concentration of 342 mg/kg. The benzene, and total BTEX concentrations were below recommended remediation levels for the Hazard Ranking Score of 30.

No Phase III activities were conducted.

El Paso Field Services requests closure of the above-mentioned pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over 8 years.
- The impacted soil was excavated to the practical extent of the equipment and disposed of offsite.
- Backfilling the pit with clean soil eliminated the potential for direct contact with hazardous constituents by livestock or the public; i.e., direct contact exposure pathways are incomplete.
- 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 soil boring to 17 ft bgs.

FIELD PIT SITE ASSESSMENT FORM

94740 ^{CON} 124/95

Meter: ~~73972~~ Location: BELL FEDERAL GAS COM A#1E
 Operator #: _____ Operator Name: AMOCO P/L District: KUTZ
 Coordinates: Letter: E Section 12 Township: 30 Range: 13
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator ☒ Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 1.3.95 Area: 02 Run: 31

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 FARMINGTON GLADE

(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: 30 POINTS

Remarks :

1 po

NC

02 1 4 5 T

GENERAL

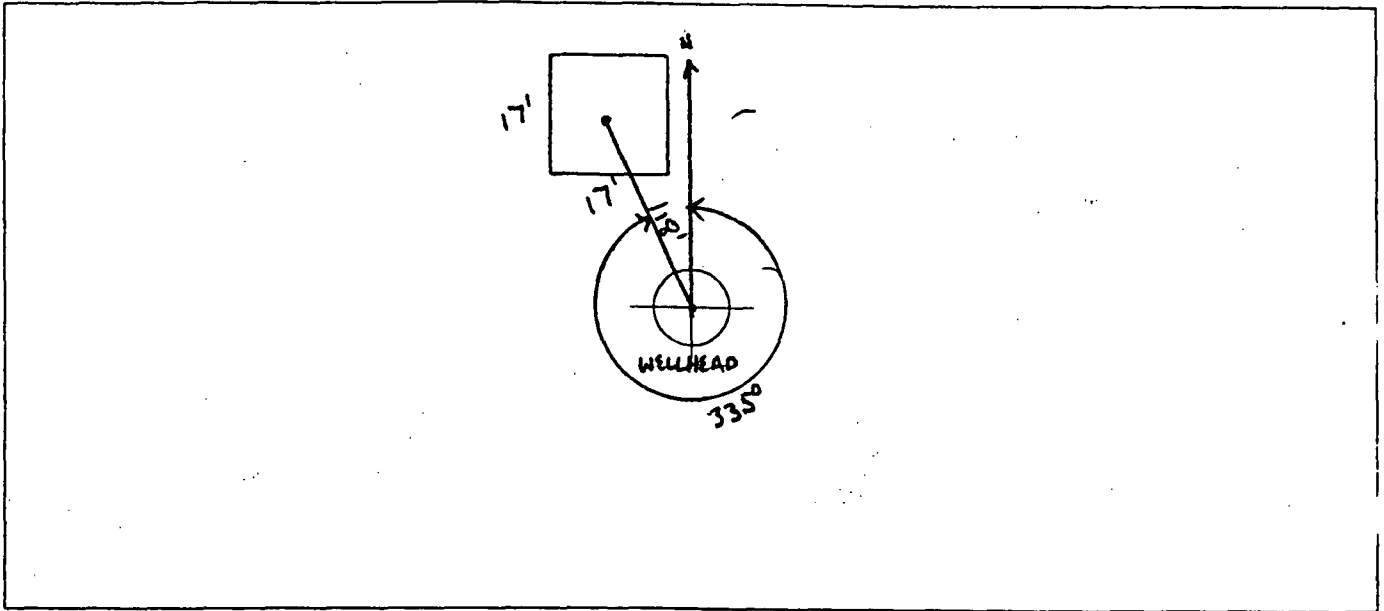
SITE ASSESSMENT

EMARKS

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 335° Footage from Wellhead 118'
b) Length : 17' Width : 17' Depth : 3'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

PHOTOS - 1142

Completed By:

Robert Thompson
Signature

1.3.94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>94740 Meter: <u>73972</u> Location: <u>Bell Federal Gas Com A #15</u></p> <p>Coordinates: Letter: <u>A</u> Section <u>12</u> Township: <u>30</u> Range: <u>13</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>1-16-95</u> Run: <u>02</u> <u>31</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KP 381</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>107</u> PID Reading Depth <u>12'</u> Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input checked="" type="checkbox"/> Approx. Cubic Yards <u>60</u></p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input type="checkbox"/></p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> <input checked="" type="checkbox"/> Tierra</p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>1-16-95</u> Pit Closed By: <u>B.F.I</u></p>
REMARKS	<p>Remarks : <u>Some Line markers. started Remediating to 12'. soil is Brown with A Hydrocarbon odor. AT 12' Soil Brown looking with Hydrocarbon odor.</u></p> <p>Signature of Specialist: <u>Kelly Padilla</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	1/10/95 KR 381	946576
MTR CODE SITE NAME:	1/10/95 73977 94740	N/A
SAMPLE DATE TIME (Hrs):	1-16-95	1600
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	1-17-95	1-17-95
DATE OF BTEX EXT. ANAL.:	1/18/95	1/24/95
TYPE DESCRIPTION:	VL	light brown sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<1.01	MG/KG	0.20161		4.96	20
TOLUENE	<1.01	MG/KG	I		I	I
ETHYL BENZENE	<1.01	MG/KG	I		I	I
TOTAL XYLENES	<3.02	MG/KG	I		I	I
TOTAL BTEX	<26.05 3.02 1/11/95	MG/KG				
TPH (418.1)	139	MG/KG			1.97	28
HEADSPACE PID	107	PPM				
PERCENT SOLIDS	95.5	%				

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

The Surrogate Recovery was at 82.5 % for this sample All QA/QC was acceptable.
arrative:

DF = Dilution Factor Used

Approved By: AS

Date: 2-22-95

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1

Well #

Page 1 of 1

Project Name

EPNG PITS

Project Number

14509

Phase

6000 77

Project Location

Bell Federal Gas Com A#1E 94740

Elevation

Borehole Location QE-S12-TJD-R13

GWL Depth

Logged By CM CHANCE

Drilled By K Padilla

Date/Time Started 10/6/95 - 0805

Date/Time Completed 10/6/95 - 0845

Well Logged By

CM Chance

Personnel On-Site

K Padilla, F. Rivera,

Contractors On-Site

Client Personnel On-Site

Drilling Method

4 1/4" ID HSA

Air Monitoring Method

PID, CGI

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM			Drilling Conditions & Blow Counts
							BZ	BH	HS	
0				Backfill to 12'						
5										
10										
15	1	15-17	12	Br SILT, tr f sand, v. loose, dry			0	0	0	0816
20				TDB17'						
25										
30										
35										
40										

Comments:

Tank inside former pit area. Drilled ~2' from edge of pit, down slope. (NE corner)
CM133 (15-17) sent to lab (BTEX, TPH). BH grouted to surface

Geologist Signature

CM Chance



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	Q-PLSMK5 CMC133	947603
MTR CODE SITE NAME:	94740	Bell Federal Gas Com. A#1E
SAMPLE DATE TIME (Hrs):	10-06-95	0816
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. ANAL.:	10/9/95	
DATE OF BTEX EXT. ANAL.:	10/9/95	10/9/95
TYPE DESCRIPTION:	V6	Light brown sand

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	< 0.5	MG/KG				
TOLUENE	< 0.5	MG/KG				
ETHYL BENZENE	< 0.5	MG/KG				
TOTAL XYLENES	< 1.5	MG/KG				
TOTAL BTEX	< 3	MG/KG				
TPH (418.1)	342	MG/KG			2.02	28
HEADSPACE PID	0	PPM				
PERCENT SOLIDS	96.8	%				

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

The Surrogate Recovery was at 96% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: JJ-

Date: 10-11-95