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

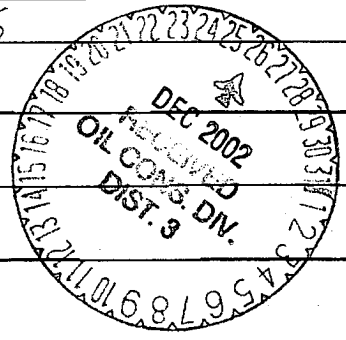
Rick Bedrock

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

30-045-24956



Operator: Amoco by EPFS Telephone

Address:

Facility Or Well Name: Jones Gas Com C#1E, Meter 94184

Location: Unit or Qtr/Qtr Sec E Sec 8 T 29 R 11 County San Juan

Pit Type: Separator ____ Dehydrator X Other

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

Pit Location: Pit dimensions: length 20', width 20', depth 3'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 137'

Direction from reference: 250 Degrees X East North ____ of ____ West South ____

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) 10
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) 0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) 0

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 05/16/94 Date completed: 05/16/94

Remediation Method: (Check all appropriate sections.) Excavation _____ Approx. cubic yards _____

Landfarmed _____ Insitu Bioremediation _____

Other Backfill pit without excavation

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite N/A Offsite N/A

General Description of Remedial Action: Line markers. Hit sandstone 4'.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Four walls and center of pit composite

Sample depth 4'

Sample Date 0/16/94 Sample time 13:15

Sample Results

Benzene(ppm) Not reported.

Total BTEX(ppm) Not reported.

Field headspace(ppm) 181

TPH 3740

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 1/8/93

Signature Scott T. Pope

Printed Name Scott T. Pope and Title Senior Env. Scientist

elpaso

PIT CLOSURE REQUEST

Jones Gas Com C #1E
Meter/Line ID 94184

SITE DETAILS

Legals - Twn: 29N	**Rng: 11W**	**Sec: 8**	**Unit: E**
NMOCD Hazard Ranking: 10		**Land Type: BLM**	
Operator: AMOCO		**Pit Closure Date: 5/16/94**	

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 4 feet (ft) below ground surface (bgs) where sandstone was encountered and a soil sample was collected for field headspace and laboratory analysis for TPH. Groundwater was not encountered in the test pit. Headspace analysis indicated an organic vapor content of 181 ppm; laboratory analysis showed a TPH concentration of 3,740 mg/kg. The TPH measurement exceeded recommended remediation levels for the Hazard Ranking Score of 10.

No soil was excavated and removed off-site. The pit was pushed back in and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was completed to 16 ft bgs. No groundwater was encountered in the soil boring. One laboratory sample was collected at 15-16 ft bgs. 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 <20 mg/kg. The benzene, total BTEX, and TPH concentrations were below recommended remediation levels for the Hazard Ranking Score.

No Phase III excavation was done.

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 eight years.
- Bedrock was encountered at 4 feet bgs making further vertical migration unlikely and further excavation impractical.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- The clean soil from the berms placed on top of the excavation would limit the potential for direct contact with hazardous constituents by livestock or the public; i.e., current direct contact exposure pathways are unlikely to be completed.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Groundwater was not encountered in the soil boring at 16 ft bgs; local geologic features indicate the depth to groundwater is greater than 50 ft bgs.

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 94184 Location: Jones Gas Com C#1E

Operator #: _____ Operator Name: _____ P/L District: _____

Coordinates: Letter: E Section 8 Township: 29 Range: 11

Or Latitude _____ Longitude _____

Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____

Site Assessment Date: 2/26/98 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) X (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) 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: 10 POINTS

REMARKS

Remarks : Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. No site is marked on map in Ltr E. Used most conservative location.

ORIGINAL PIT LOCATION

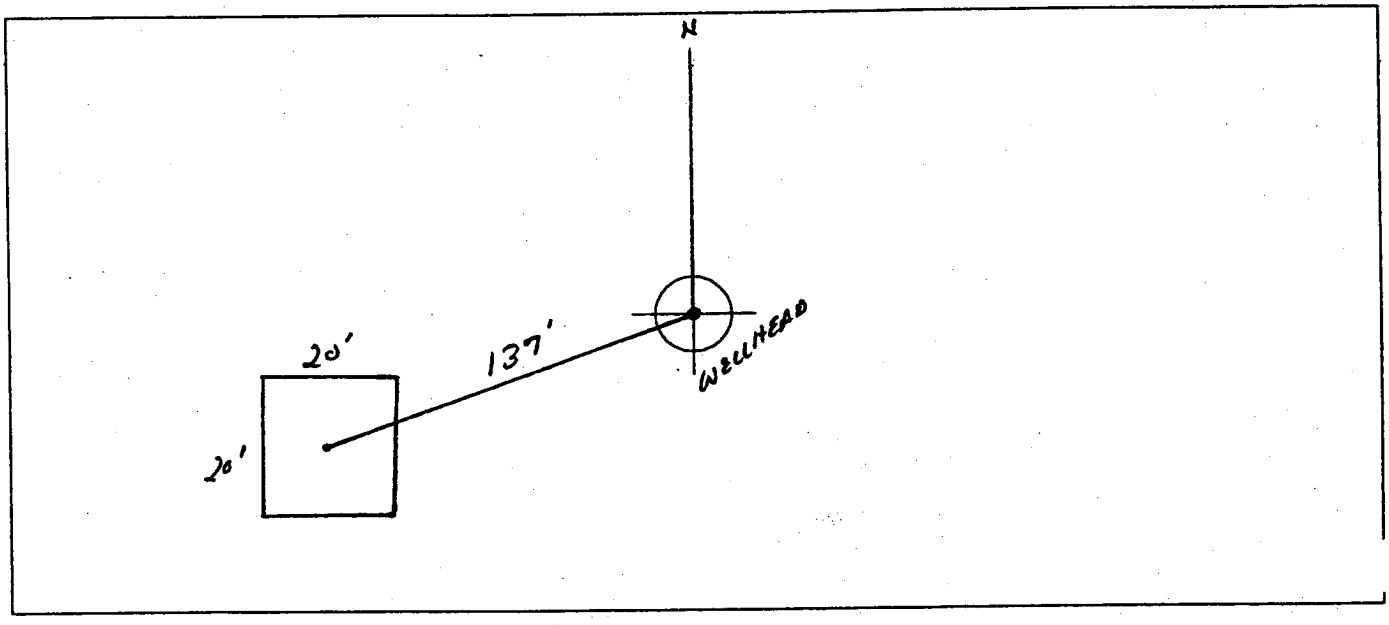
ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 250° Footage to Wellhead 137'

b) Degrees from North _____ Footage to Dogleg _____

Dogleg Name _____

c) Length : 20' Width : 20' Depth : 3'



REMARKS

Remarks :

STARTED TAKING PICTURES AT 9:39 A.M.

ENODUMP

Completed By:

Robert Thompson
Signature

3.18.94
Date

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW84	945183
MTR CODE | SITE NAME:	94184	N/A
SAMPLE DATE | TIME (Hrs):	5-16-94	1315
SAMPLED BY:	N/A	
DATE OF TPH EXT. | ANAL.:	5/17/94	5/17/94
DATE OF BTEX EXT. | ANAL.:	N/A	N/A
TYPE | DESCRIPTION:	VG	Grey Course 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)	3740	MG/KG			1.14	28
HEADSPACE PID	181	PPM				
PERCENT SOLIDS	84.7	%				

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

Surrogate Recovery was at N/A % for this sample All QA/QC was acceptable.

ative:

DF = Dilution Factor Used

Approved By: _____ Date: 6/15/94

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 94184 Location: Jones Gas Com C #1E

Coordinates: Letter: E Section 8 Township: 29 Range: 11

Or Latitude _____ Longitude _____

Date Started : 5-16-94 Area: 02 Run: 02

FIELD OBSERVATIONS

Sample Number(s): VW84 _____ _____ _____

Sample Depth: 4' Feet

Final PID Reading 181 PID Reading Depth 4' Fe

Yes No

Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ F

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: 5-16-94 Pit Closed By: BEZ

REMARKS

Remarks : Line markers. 4' h.f sandstone

Signature of Specialist: _____

(SP3191)

RECORD OF SUBSURFACE EXPLORATION

Borehole # BH- 1
Well # NA
Page 1 of

PHILIP SERVICES CORP.

4000 Monroe Road
[redacted]on, New Mexico 87401
(5[redacted]26-2262 FAX (505) 326-2388

Project Number 19643 Phase 1001.77
Project Name EPFS PITS >10
Project Location JONES GAS COM C #1E 9418

Elevation
Borehole Location LTR: E S: 8 T: 29 R: 11
GWL Depth NA
Drilled By K. PADILLA
Well Logged By H. BRADBURY
Date Started 9/10/98
Date Completed 9/10/98

Drilling Method 4 1/4 ID HSA
Air Monitoring Method PID

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 BZ	BH	S/HS	Drilling Conditions & Blow Counts
0				EXCAVATION SAMPLE COLLECTED AT 4'						BZ=Breathing Zone BH=Borehole S/HS=Sample/Headspace
10	1	10-11	12	LT BR SAND, FINE SAND DENSE, DRY			1	21	1/3	1113 hrs
15	2	15-16	12	LT BR SANDSTONE, FIND SAND, TR. MED, MOD CEMENT. DRY			0	16	0/0	1131 hrs
				TOB 16'						
20										
25										
30										
35										
40										

Comments: HAB30 15-16 SENT TO lab FOR TPH, BTEX GW NOT ENCOUNTERED. BH GROUTED TO SURFACE

Geologist Signature Holly Bradbury

8/18/98\Drillog

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	HAB30	980639
MTR CODE | SITE NAME:	94184	Jones Gas Com C #1E
SAMPLE DATE | TIME (Hrs):	9/10/98	1131
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. | ANAL.:	9/15/98	9/17/98
DATE OF BTEX EXT. | ANAL.:	9/14/98	9/14/98
TYPE | DESCRIPTION:	VG	SOIL

Field Remarks: 15-16'

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 (MOD.8015)	<20	MG/KG				
HEADSPACE PID	0	PPM				
PERCENT SOLIDS	91.6	%				

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

The Surrogate Recovery was at 97.4 % for this sample All QA/QC was acceptable.

Narrative:

DF = Dilution Factor Used

Approved By: John Gardner Date: 10/1/98

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMOTOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : EL PASO FIELD SERVICES
PROJECT # : (none)
PROJECT NAME : PHASE II DRILLING

PINNACLE I.D.: 809038

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
16	980639	NON-AQ	9/10/98	9/15/98	9/17/98	1
17	980640	NON-AQ	9/10/98	9/15/98	9/17/98	1

PARAMETER	DET. LIMIT	UNITS	16	17
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10
FUEL HYDROCARBONS, C10-C22	5.0	MG/KG	< 5.0	< 5.0
FUEL HYDROCARBONS, C22-C36	5.0	MG/KG	< 5.0	< 5.0
CALCULATED SUM:				
SURROGATE:				
O-TERPHENYL (%)			88	87
SURROGATE LIMITS	(66 - 151)			

CHEMIST NOTES:
N/A