

3R - 145

**GENERAL
CORRESPONDENCE**

YEAR(S):

2002-1994



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

January 4, 2002

CERTIFIED MAIL

RETURN RECEIPT NO. 7000-1670-0012-5357-8178

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: CASE #3R0228 - OHIO "C" GOVERNMENT #3 SITE
CASE #3R0145 - ANDERSON GC A#1 SITE
SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Services' (EPFS) August 1, 2001 "MISSING INFORMATION FOR THE OHIO C GOVERNMENT #3 (DEHY PIT) AND ANDERSON GC A#1 (CH) (DEHY PIT) SITES REQUESTED FOR CLOSURE IN THE 2000 PIT CLOSURE ANNUAL GROUNDWATER REPORT". This document contains additional information related to the remediation and monitoring of ground water contamination at 2 unlined pit sites in the San Juan Basin. The document also requests closure of the remediation and monitoring actions at the sites.

The OCD's review of the above referenced document is addressed below:

- A. The soil and ground water remediation activities conducted at the site listed below are satisfactory and the OCD approves of the final closure of this site on the condition that EPFS plug and abandon all monitor wells by cutting the casing below the ground surface and filling the hole or casing annulus with a cement grout containing 3-5% bentonite. Please be advised that OCD approval does not relieve EPFS of responsibility if remaining contaminants are found to pose a future threat to surface water, ground water, human health or the environment. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and regulations.

1. Anderson GC A#1 (CH) (Dehy pit) Unit C, Sec. 28, T29N, R10W.

B. Contaminated ground water at the site listed below is a result of commingled plumes of enzene, toluene, ethylbenzene and xylene (BTEX) from both EPFS's dehy pit and MOC's production pit. A review of the prior documents related to this site and documents submitted by Marathon Oil Company (MOC) shows that ground water in monitor well MW-5, which is downgradient of both EPFS's and MOC's pits, is still contaminated with BTEX in excess of the New Mexico Water Quality Control Commission (WQCC) standards. Therefore, at this time, the OCD cannot issue final closure approval for this site. The OCD requires that EPFS continue to remediate and monitor the site according to their previously approved work plans. The OCD requests that EPFS coordinate their activities with the ground water remedial actions being taken by MOC at the adjacent production pit, since MOC's contaminant plume is commingled with that of EPFS. The OCD will consider issuing final closure approval once ground water from all site monitoring wells is below WQCC standards for a minimum of 4 consecutive quarters

1. Ohio C Government #3 (Dehy pit)

Unit P, Sec. 26, T28N, R11W

If you have any questions, please call me at (505) 476-3491.

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Bill Liess, BLM Farmington District Office
Paul Peacock, Marathon Oil Company

RECEIVED

AUG 03 2001

el paso Field
Services

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Certified Mail # 7000 1670 0012 7260 9211

August 1, 2001

Mr. William C. Olson
New Mexico Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87504

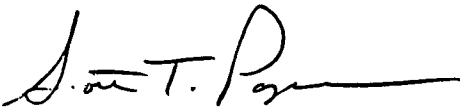
**RE: Missing Information for the Ohio C Government #3 (Dehy Pit) and Anderson
GC A #1 (CH) (Dehy pit) Sites Requested for Closure in the 2000 Pit Project
Annual Groundwater Report**

Dear Mr. Olson:

El Paso Field Services Company (EPFS) in response to the request for "completed pit remediation and closure form which contains the results of all soil remediation actions" as stated in the July 18, 2001 "2000 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT" letter from the New Mexico Oil Conservation Division (NMOCD), would like to note that these forms were supplied in the initial closure request titled "EL Paso Field Services Final Report for Groundwater Sites With Four Consecutive Quarters Below Standards" dated December 1998 and sent under cover dated March 31, 1999. EPFS hereby resubmits the requested information for your convenience. Enclosed please find the "Field Pit Assessment Form", "Field Pit Remediation / Closure Form" and supporting documentation for the Ohio C Government #3 (Dehy pit) and the Anderson GC A#1 (CH) (Dehy pit). Upon review of the requested information, EPFS requests written final closure for the above mentioned sites.

If you have any questions or require any additional information, please contact me at (505) 599-2124.

Sincerely,



Scott T. Pope P.G.
Senior Environmental Scientist

Enclosures: as stated

xc: Mr. Denny Foust, NMOCD - Aztec - Certified Mail # 7000 1670 0012 7260 9228
Mr. Bill Liess, BLM - Farmington District Office - Certified Mail # 7000 1670 0012 7260 9235

Ohio C Government #3 (Dehy pit)

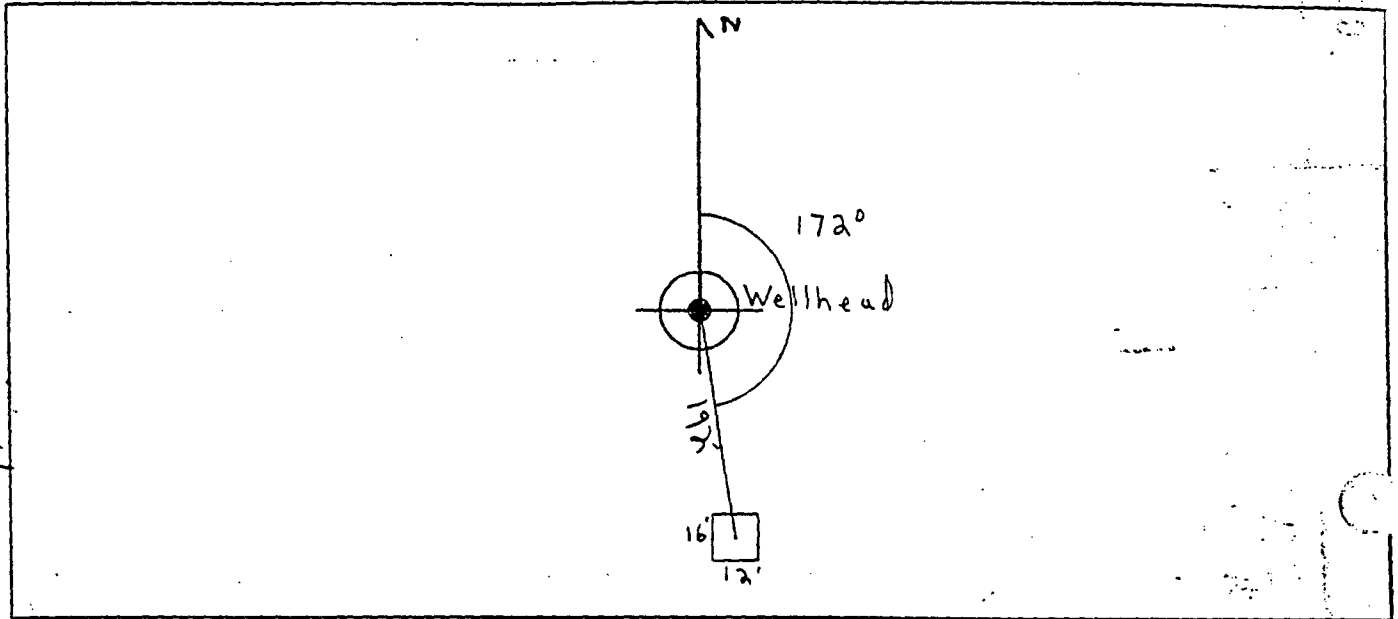
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>72890</u> Location: <u>Ohio "C" Government #3 (T.D.)</u> Operator #: <u>5860</u> Operator Name: <u>Marathon</u> P/L District: <u>Angel Peak</u> Coordinates: Letter: <u>P</u> Section <u>26</u> Township: <u>28</u> Range: <u>11</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: ☒ Line Drip: _____ Other: _____ Site Assessment Date: <u>9/14/94</u> Area: <u>01</u> Run: <u>63</u>
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 <u>Kurtz Canyon</u> (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: <u>40</u> POINTS
REMARKS	Remarks : <u>Redline Book - Inside</u> <u>Vulnerable Zone Type - Inside</u> <u>4 pits. Will close. Pit dry. Meter # was obtained by using Coordinates in Redline book. Angel Peak Office did not have meter # because well is T.D.</u>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 172° Footage from Wellhead 192'
 b) Length : 16' Width : 12' Depth : 4'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

Pictures @ 1241

Completed By:

Cory Chan
 Signature

9/14/94
 Date

FIELD PIT SITE ASSESSMENT FORM

South Pit

Meter: 72-890 Location: MA OHIO C GOV'T #3 (2nd Pit)
 Operator #: 5860 Operator Name: MARATHON OIL COMPANY P/L District: ANGEL PEAK
 Coordinates: Letter: P Section 26 Township: 28 Range: 11
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator X Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 8-31-95 Area: 01 Run: 63

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 KUTZ 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)

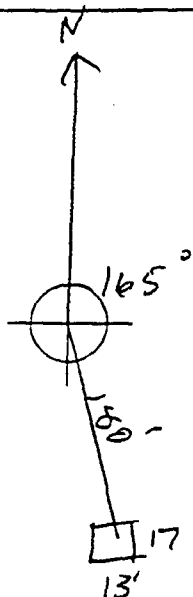
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 40 POINTS

Remarks : P&A, NORTH PIT, MARATHON PRODUCTION PIT DOWN-

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 165° Footage from Wellhead 180'
b) Length : 17 Width : 13 Depth : 4"



Remarks :

Completed By:

Randy Conley
Signature

8-31-95

Date

**PHASE I EXCAVATION
PIT 1**

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>72890</u> Location: <u>Ohio "C" Government #3 TD</u> Coordinates: Letter: <u>P</u> Section <u>26</u> Township: <u>28</u> Range: <u>11</u> Or Latitude _____ Longitude _____ Date Started : <u>9-23-94</u> Run: <u>01</u> <u>63</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KP 249</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>328</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered ☐ ☒ Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation ☒ Approx. Cubic Yards <u>50</u> Onsite Bioremediation ☐ Backfill Pit Without Excavation ☐ Soil Disposition: Envirotech ☒ Tierra ☐ Other Facility ☐ Name: _____ Pit Closure Date: <u>9-23-94</u> Pit Closed By: <u>B.E.I</u>
REMARKS	Remarks : <u>Some Line markers started Remediating to 12'</u> <u>Soil Turned Light gray with a small. At 12' Soil still</u> <u>The Same.</u>
	Signature of Specialist: <u>Kelly Padella</u>



Page _____ of _____

White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP249	946206
MTR CODE SITE NAME:	72890	Ohio C Government #3
SAMPLE DATE TIME (Hrs):	09/23/94	1000
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	09/27/94	09/27/94
DATE OF BTEX EXT. ANAL.:	09/29/94	10/02/94
TYPE DESCRIPTION:	VC	Black/gray coarse sand

Field Remarks: Pit #1

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	150	MG/KG	50			
TOLUENE	930	MG/KG	50			
ETHYL BENZENE	61	MG/KG	50			
TOTAL XYLENES	700	MG/KG	50			
TOTAL BTEX	1840	MG/KG				
TPH (418.1)	11800	MG/KG			0.86	28
HEADSPACE PID	328	PPM				
PERCENT SOLIDS	87.9	%				

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

The Surrogate Recovery was at 180 % for this sample All QA/QC was acceptable.

relative:

I performed analyses. Surrogate recovery was outside ATI QC limits due to matrix interference.

DF = Dilution Factor Used

Approved By:

Date:

7/18/96

**PHASE II EXCAVATION
PIT 1**

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

North Pit

Meter: 72890 Location: Ohio C Government #3 (1st Pit)

Coordinates: Letter: P Section 26 Township: 28 Range: 11

Or Latitude _____ Longitude _____

Date Started : 8-31-95 Run: 01 63

FIELD OBSERVATIONS

Sample Number(s): AP56 AP57

Sample Depth: 17' Feet

Final PID Reading 197 PID Reading Depth 17' Feet

Yes No

Groundwater Encountered ☒ ☐ Approximate Depth 17' Feet

CLOSURE

Remediation Method :

Excavation ☒ Approx. Cubic Yards _____

Onsite Bioremediation ☐

Backfill Pit Without Excavation ☐

Soil Disposition:

Envirotech ☒ ☐ Tierra

Other Facility ☐ Name: _____

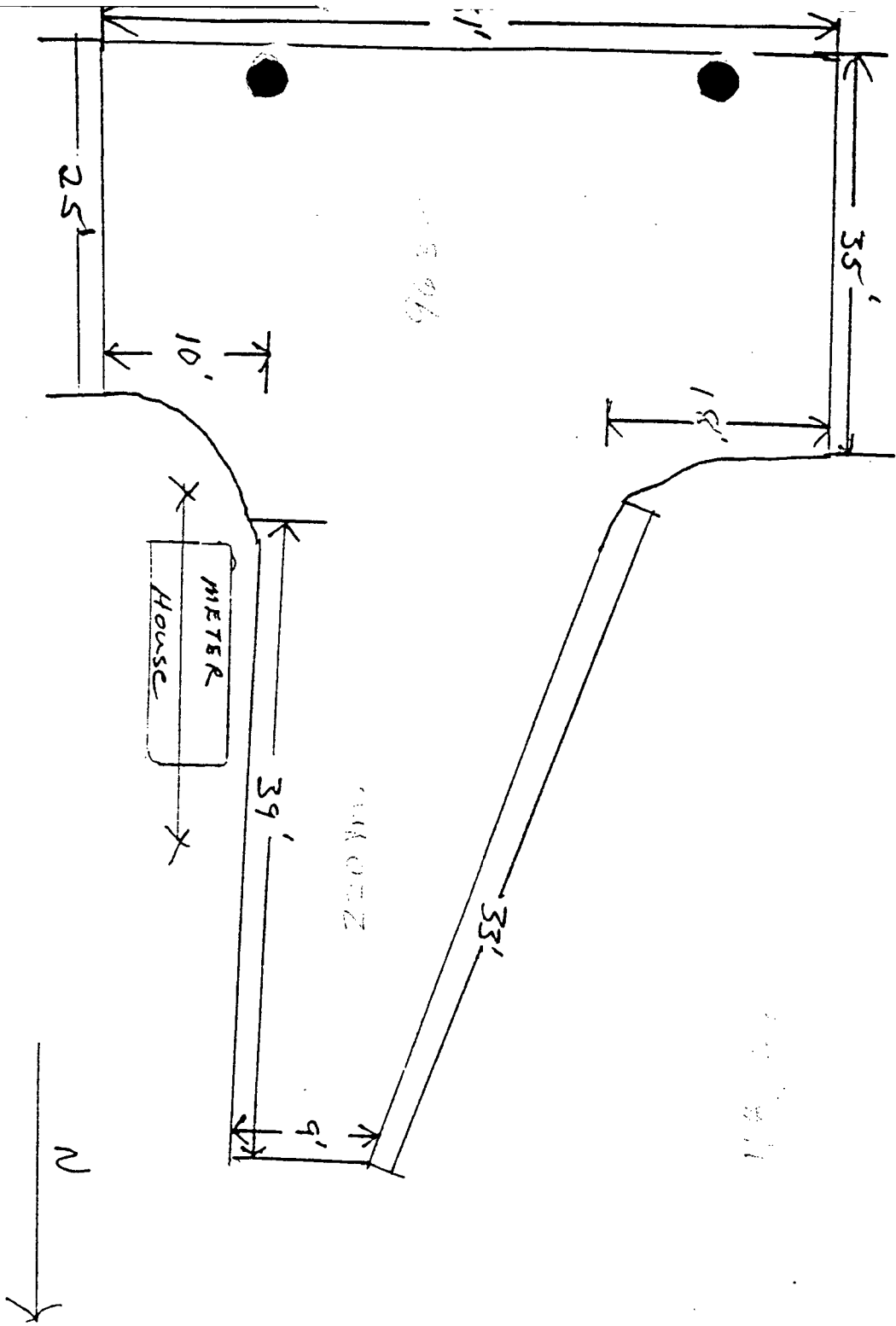
PLEASE
CORRECT.

Pit Closure Date: 9-5-95 Pit Closed By: Philip Env

REMARKS

Remarks : Place T Ring to 17' took PID it was 53 ppm, also
lit sandy gravel. Contamination starts at approx 8' to Bottom
Took North wall PID it was 268 ppm South wall was 177.5 ppm East wall 125 ppm
West wall was 156 ppm Used 7.5 LBS Fertilizer See Back

Signature of Specialist: James Z. [Signature]



For our house plan
Date



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	P57	947390
MTR CODE SITE NAME:	72890	Ohio C Govt #3 (north pit)
SAMPLE DATE TIME (Hrs):	09-01-95	1500
PROJECT:	Phase III Excavation	
DATE OF TPH EXT. ANAL.:	9-5-95	
DATE OF BTEX EXT. ANAL.:	9/6/95	9/10/95
TYPE DESCRIPTION:	VC	LIGHT GRAY SAND & CLAY

Field Remarks: (N-268)(S-175)(E-125)(W-156)

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	< .5	MG/KG				
TOLUENE	.5	MG/KG				
ETHYL BENZENE	< .5	MG/KG				
TOTAL XYLENES	3.7	MG/KG				
TOTAL BTEX	4.2	MG/KG				
TPH (418.1)	637	MG/KG			219	28
HEADSPACE PID	197	PPM				
PERCENT SOLIDS	91.7	%				

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

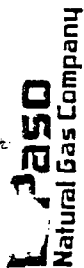
The Surrogate Recovery was at 88% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By:

Date:

9-11-95



CHAIN OF CUSTODY RECORD

[illegible]

White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler

**PHASE III EXCAVATION
PIT 2**

FIELD PIT REMEDIATION/CLOSURE FORM/PHASE II

Meter: 72890 Location: Ohio C Govt #3 South Pit (2nd Pit)

Coordinates: Letter: P Section 26 Township: 28 Range: 11

Or Latitude _____ Longitude _____

Date Started : 9-6-95 Area: 01 Run: 63

Sample Number(s): JP58 JP59

Sample Depth: 13'-17' Feet

Final PID Reading 72 ppm PID Reading Depth 13'-17' Feet
Yes No

Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 13' East side
17' West side Feet

Final Dimensions: Length 76' Width 56' Depth 13' East side
17' West side

Remediation Method :

Excavation ☒ (1) Approx. Cubic Yards 1,098 8/19

Onsite Bioremediation ☐ (2)

Backfill Pit Without Excavation ☐ (3)

Soil Disposition:

Overburden Cubic Yards 33 8/19

Envirotech ☒ (1) ☐ (3) Tierra

Other Facility ☐ (2): Name: _____

Pit Closure Date: _____

Pit Closed By: Philip Fav

Used 100 Lbs of Fertilizer.

Remarks : Phase II Dug to 17' hit ground water on west side

hit water at 13 ft on east side. Took Water sample, took PID

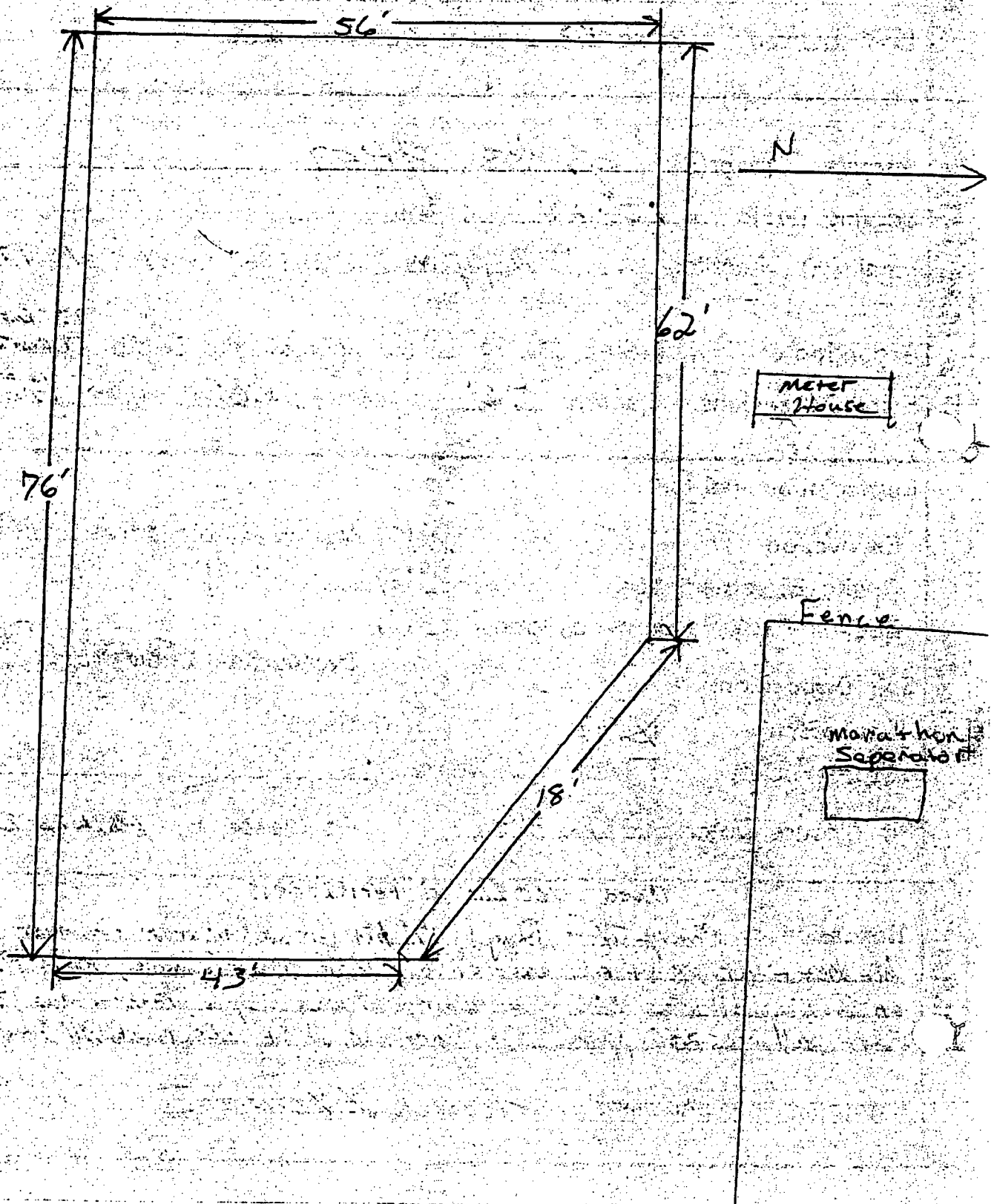
South wall was 005 ppm, West wall was 5 ppm, Bottom was 3 ppm
East wall was 236 ppm. No North wall it was Backfill from previous
Pit.

Signature of Specialist: James J. Lewis

over

Antw
Lab
9/19

Test wall contaminated starts at approx 7 ft
and is approx 3 ft thick. Bottom sample are 13'-17'
Due to surface ground slope





FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JP59	947427
MTR CODE SITE NAME:	72890	Ohio C Government #3
SAMPLE DATE TIME (Hrs):	09/07/95	1510
PROJECT:	Phase II Excavation	
DATE OF TPH EXT. ANAL.:	09/08/95	09/12/95
DATE OF BTEX EXT. ANAL.:	09/08/95	09/12/95
TYPE DESCRIPTION:	VC	Light brown sand & clay

Field Remarks: Pit #1

RESULTS

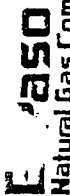
PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	66.0	MG/KG			2.02	28
HEADSPACE PID	76	PPM				
PERCENT SOLIDS	90.3	%				

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

The Surrogate Recovery was at 94 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: *John Ladd*Date: 7/18/96



Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

Phase III $\text{L-XC}_{100}\text{C}_{100}$

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE: 9-7-95		FIELD ID		TOTAL NUMBER OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS				CONTRACT LABORATORY P. O. NUMBER					
LAB ID		DATE		TIME		MATRIX						TPH EPA 418.1		BTX EPA 8020		LAB PID		SEQUENCE #		REMARKS	
2775		1510		5:10		Silt		1		VC		X		X				33		Ohio C Co. H # 3 72890 South P. O. Box 4990 Farmington, NM 87499	
								</													

White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler

Anderson GC A #1 (CH) (Dehy pit)

FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>95210</u> Location: <u>ANDERSON GAS COM A #1 CH</u> Operator #: <u>0203</u> Operator Name: <u>AMOCO</u> P/L District: <u>BLOOMFIELD</u> Coordinates: Letter: <u>C</u> Section <u>28</u> Township: <u>29</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Visit Date: <u>4.12.94</u> Run: <u>10</u> <u>42</u>
SITE ASSESSMENT	NMOCD Zone: Inside Land Type: BLM ☐ (From NMOCD Vulnerable State ☐ Maps) Zone ☒ Fee ☒ Outside ☐ Indian _____ Depth to Groundwater Less Than 50 Feet (20 points) ☒ 50 Ft to 99 Ft (10 points) ☐ Greater Than 100 Ft (0 points) ☐ 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? ☐ YES (20 points) ☒ NO (0 points) Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) ☒ 200 Ft to 1000 Ft (10 points) ☐ Greater Than 1000 Ft (0 points) ☐ Name of Surface Water Body <u>SAN JUAN RIVER</u> (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) TOTAL HAZARD RANKING SCORE: <u>40</u> POINTS
REMARKS	Remarks : <u>THREE PITS ON LOCATION. WILL CLOSE TWO OF THEM</u> <u>PITS ARE DRY. LOCATION HAS A CH AND PC SIDE. IT IS LOCATED</u> <u>NEXT TO THE SAN JUAN RIVER.</u>

PHASE I EXCAVATION

FIELD SITE REMEDIATION/CLOSURE FORM

GENERAL

Meter: 95210 Location: ANDERSON GAS COM A #1 CH
 Coordinates: Letter: C Section 28 Township: 29 Range: 10
 Or Latitude _____ Longitude _____
 Date Started : 4-29-94 Area: 10 Run: 42

FIELD OBSERVATIONS

Sample Number(s): 940549
KP*9
 Sample Depth: 6' Feet
 Final PID Reading 428 PID Reading Depth 6' Feet
 Yes No
 Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 6' Feet

CLOSURE

Remediation Method :
 Excavation ☒ (1) Approx. Cubic Yards 25
 Onsite Bioremediation ☐ (2)
 Backfill Pit Without Excavation ☐ (3)
 Soil Disposition:
 Envirotech ☐ (1) ☒ (3) Tierra
 Other Facility ☐ (2) Name: _____
 Pit Closure Date: 4/29/94 Pit Closed By: B.E.I

REMARKS

Remarks : Some line markers dug down 6' Hit ground water
Wait for ALTON JAMES TO call OGD For we could close Pit.
OGD Bill Olson OKayed TO close up Pit.

Signature of Specialist: Kelly Padilla

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP9	945049
MTR CODE SITE NAME:	95210	N/A
SAMPLE DATE TIME (Hrs):	4/29/94	1320
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	5-2-94	5-2-94
DATE OF BTEX EXT. ANAL.:	5/5/94	5/9/94
TYPE DESCRIPTION:	VC	Brown Sand/clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	20.50	MG/KG				
TOLUENE	20.50	MG/KG				
ETHYL BENZENE 2.9	20.50	MG/KG				
TOTAL XYLENES 23	2.9	MG/KG				
TOTAL BTEX	26.9	MG/KG				
TPH (418.1) 2220	2215	MG/KG			2.27	28
HEADSPACE PID	428	PPM				
PERCENT SOLIDS	83.9	%				

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

The Surrogate Recovery was at 42 % for this sample All QA/QC was acceptable.

Narrative:

II Results attached. Surrogate recovery was outside AT I QC limit. due to matrix interference.

DF = Dilution Factor Used

Approved By:

John Sardi

Date:

5/21/94



CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NUMBER		PROJECT NAME		PROJECT LABORATORY P. O. NUMBER	
SAMPLES: (Signature)		DATE		DATE	
LABID		DATE	MATRIX	SAMPLE NUMBER	REMARKS
	4/29/94	1015	Soil	KP #7	5 GW at 8'
	4/29/94	1300	Soil	KP #8	6 GW at 8'
	4/29/94	1326	Soil	KP #9	7 GW at 6'
	4/29/94	1445	Soil	KP #10	8
RELINQUISHED BY: (Signature) Kelly Padilla DATE/TIME 3:30 PM 4/29/94 RECEIVED BY: (Signature) Janet P. Payne DATE/TIME 5/7/94 1005 RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)					
REQUESTED TURNAROUND TIME: ☐ ROUTINE ☐ RUSH CARRIER CO. BILL NO.:					
RESULTS & INVOICES TO: FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P.O. BOX 4990 FARMINGTON, NEW MEXICO 87499 505-599-2144 FAX: 505-599-2261					

PHASE III RE-EXCAVATION

FIELD PIT REMEDIATION/CLOSURE FORM/PHASE II

GENERAL

Meter: 95210 Location: Anderson Gas Com A #1 CH
 Coordinates: Letter: C Section 28 Township: 29 Range: 10
 Or Latitude _____ Longitude _____
 Date Started : 10-23-96 Area: 10 Run: 42

FIELD OBSERVATIONS

Sample Number(s): MK 543
 Sample Depth: 11' Feet
 Final PID Reading 126 PPM PID Reading Depth 11' Feet
 Yes No
 Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 6' Feet
 Final Dimensions: Length 22 Width 27 Depth 11

CLOSURE

Remediation Method :
 Excavation ☒ (1) Approx. Cubic Yards 192
 Onsite Bioremediation ☐ (2)
 Backfill Pit Without Excavation ☐ (3)
 Soil Disposition: Overburden Cubic Yards 40
 Envirotech ☒ (1) ☐ (3) Tierra
 Other Facility ☐ (2) Name: _____
 Pit Closure Date: 10-24-96 Pit Closed By: Philip

REMARKS

Phase III
 Remarks : Excavated 1st 3' was over burden soil turned
Black hit water at 6' N-wall 45 PPM soil gray clay
East-wall gray clay W-wall Black sand 12 PPM S-wall 162 PPM Black
Sand Sout wall where most of water flowing from used 1/2 gallon of Hydrogen

Signature of Specialist: Morgan Lillian

Hydrogen Peroxide
30%



CHAIN OF C

White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler



2-5-97

EL PASO FIELD SERVICES
FIELD SERVICES LABORATORY

ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:

Field ID

MK543

Lab ID

947949

MTR CODE | SITE NAME:

95210

Anderson Gas Com A #1 CH

SAMPLE DATE | TIME (Hrs):

10/23/96

940

PROJECT:

~~PHASE III~~ Excavation ~~PHASE IV~~ Excavation

SL 10/20/96

DATE OF TPH EXT. | ANAL.:

10/28/96

10/28/96

DATE OF BTEX EXT. | ANAL.:

10/28/96

10/28/96

TYPE | DESCRIPTION:

VC

Dark gray sand & clay

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	3.0 1.04 10/20/96	MG/KG				
TPH (418.1)	25	MG/KG				
HEADSPACE PID	126	PPM				
PERCENT SOLIDS	82.8	%				

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

Surrogate Recovery was at
rative:

113

% for this sample All QA/QC was acceptable.

= Dilution Factor Used

Approved By:

INGVZPIT.XLS

Date:

10/30/96

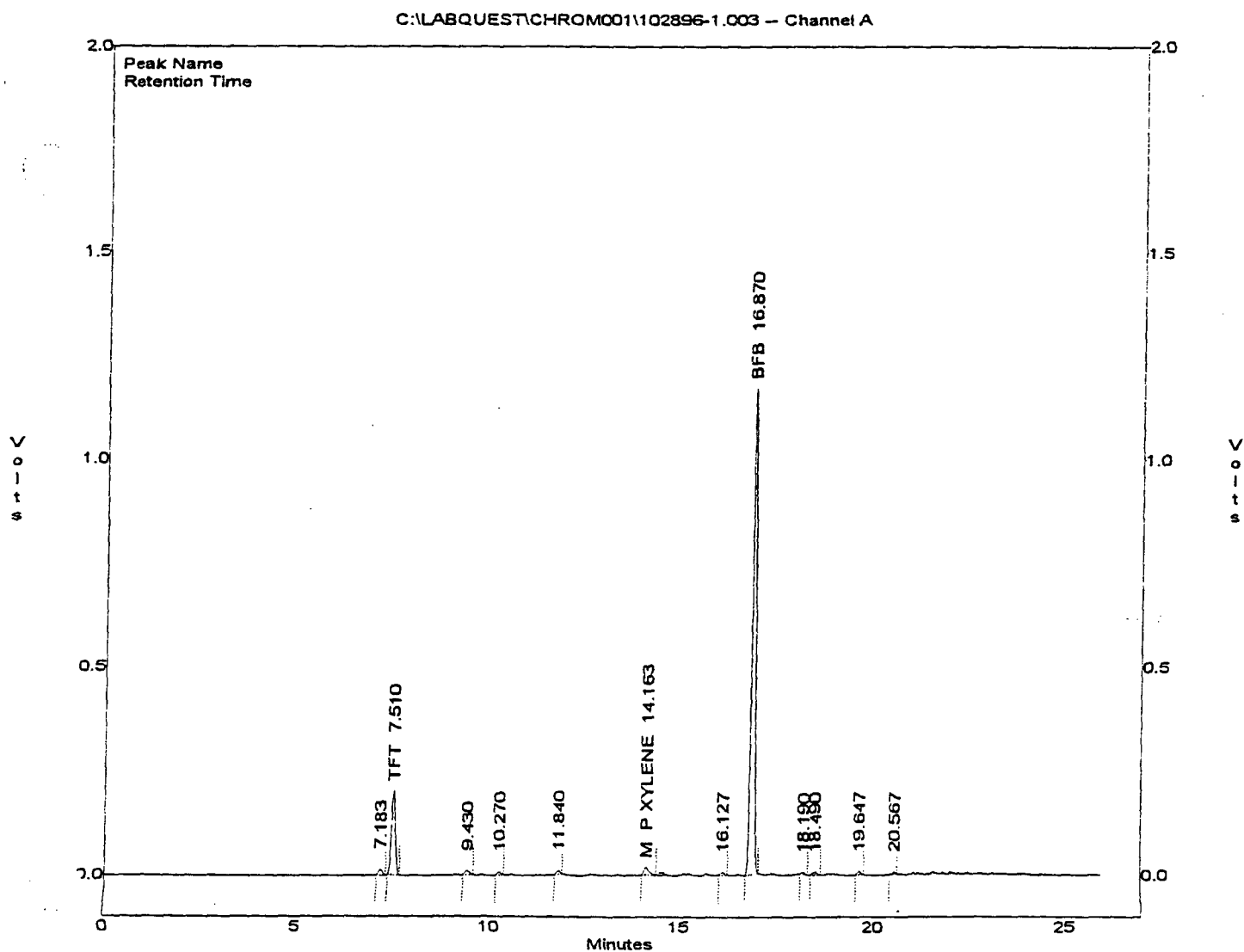
EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOLS

File : C:\LABQUEST\CHROM001\102896-1.003
 Method : C:\LABQUEST\METHODS\1-100896.MET
 Sample ID : 947949,4.96G,50U
 Acquired : Oct 28, 1996 16:34:07
 Printed : Oct 28, 1996 17:00:32
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	5.567	0	0.0000
TFT	7.510	1390547	114.4427
TOLUENE	9.677	0	0.0000
ETHYLBENZENE	13.740	0	0.0000
M & P XYLENE	14.163	181787	5.1750
O XYLENE	15.250	0	0.0000
BFB	16.870	7765927	113.0305



BTEX SOIL SAMPLE WORKSHEET

File	:	947949	Date Printed	:	10/29/96
Soil Mass (g)	:	4.96	Multiplier (L/g)	:	0.00101
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):	:	200
Shot Volume (uL)	:	50	CAL FACTOR (Report):	:	0.20161

		DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	:	0.00	Benzene (mg/Kg):	0.000 0.504
Toluene (ug/L)	:	0.00	Toluene (mg/Kg):	0.000 0.504
Ethylbenzene (ug/L)	:	0.00	Ethylbenzene (mg/Kg):	0.000 0.504
p & m-xylene (ug/L)	:	5.18	p & m-xylene (mg/Kg):	1.044 1.008
o-xylene (ug/L)	:	0.00	o-xylene (mg/Kg):	0.000 0.504
			Total xylenes (mg/Kg):	1.044 1.512
			Total BTEX (mg/Kg):	1.044

Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil

Perkin-Elmer Model 1600 FT-IR
Analysis Report

96/10/28 11:33

Sample identification
947949

Initial mass of sample, g
2.710

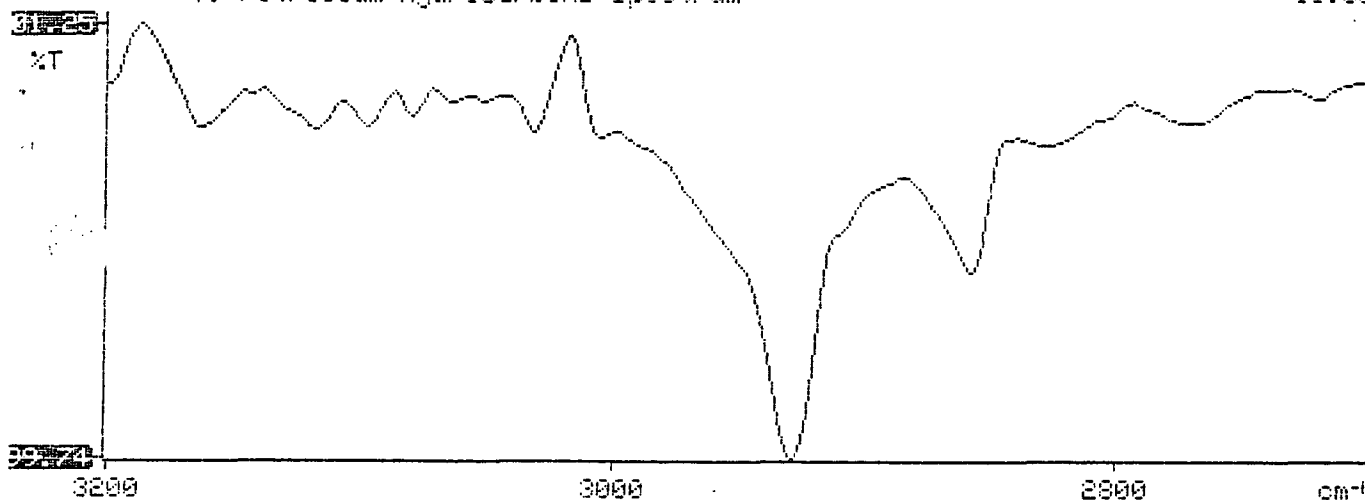
Volume of sample after extraction, ml
28.000

Petroleum hydrocarbons, ppm
25.454

Net absorbance of hydrocarbons (2930 cm⁻¹)
0.006

Y: Petroleum hydrocarbons spectrum

11:33





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

July 18, 2001

CERTIFIED MAIL

RETURN RECEIPT NO. 3771-7460

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

RE: 2000 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Services (EPFS) February 26, 2001 "2000 PIT PROJECT ANNUAL GROUNDWATER REPORT". This document contains the results of EPFS's 2000 monitoring and remediation of contaminated ground water related to the closure of unlined oil and gas production pits at 36 sites in the San Juan Basin. The documents also requests closure for 6 of the sites based on the remediation and monitoring actions taken to date.

The OCD's review of the above referenced document is addressed below:

A. Final pit closure approvals for the sites listed below were previously issued by the OCD on April 3, 2001.

- | | | |
|----|------------------------------|-----------------------------|
| 1. | Charlie Pah #2 (Drip pit) | Unit B, Sec. 12, T27N, R09W |
| 2. | K-51 Line Drip (Drip pit) | Unit A, Sec. 34, T26N, R06W |
| 3. | Mesa CPD (Drip pit) | Unit E, Sec. 04, T29N, R14W |
| 4. | Sheets Well #2 (Drip pit) | Unit H, Sec. 28, T31N, R09W |
| 5. | Turner A#1 Pit #1 (Dehy pit) | Unit K, Sec. 34, T31N, R11W |
| 6. | Turner A#1 Pit #2 (Drip pit) | Unit K, Sec. 34, T31N, R11W |

Mr. Scott T. Pope

July 18, 2001

Page 2

- B. The final pit closure and ground water activities at the sites listed below appear satisfactory. However, the reports do not include a completed pit remediation and closure form which contains the results of all soil remediation actions. The OCD cannot issue final closure approval until EPFS submits this information.

- | | | |
|----|---------------------------------|------------------------------|
| 1. | Ohio C Government #3 (Dehy pit) | Unit P, Sec. 26, T28N, R11W |
| 2. | Anderson GC A#1 (CH) (Dehy pit) | Unit C, Sec. 28, T29N, R10W. |

- C. A review of the annual ground water reports for the sites listed below shows that the extent of ground water contamination in excess of WQCC standards at these sites has not been defined or the sites do not contain permanent downgradient ground water monitoring points. The OCD requires that EPFS install additional ground water monitoring wells at these sites to monitor and determine the extent of ground water contamination pursuant to their previously approved ground water investigation plan.

- | | | |
|----|------------------------|-----------------------------|
| 1. | Hammond #41A | Unit O, Sec. 25, T27N, R08W |
| 2. | James F Bell #1E | Unit P, Sec. 10, T30N, R13W |
| 3. | K-27 Line Drip | Unit E, Sec. 04, T25N, R06W |
| 4. | K-31 Line Drip | Unit N, Sec. 16, T25N, R06W |
| 5. | Lateral 0-21 Line Drip | Unit O, Sec. 12, T30N, R09W |
| 6. | Lindrith B#24 | Unit N, Sec. 09, T24N, R03W |
| 7. | Miles Federal #1A (CH) | Unit F, Sec. 05, T26N, R07W |
| 8. | State Gas Com N#1 | Unit H, Sec. 16, T31N, R12W |

- D. At the sites listed below where EPFS states that there is possible ground water contamination related to the operators activities, the OCD requests that EPFS work cooperatively with the operator to investigate and remediate contaminated ground water.

- | | | |
|----|----------------------------------|-----------------------------|
| 1. | Canada Mesa #2 | Unit I, Sec. 24, T24N, R06W |
| 2. | Fields A #7A | Unit E, Sec. 34, T32N, R11W |
| 3. | Fogelson 4-1 Com #14 | Unit P, Sec. 04, T29N, R11W |
| 4. | Gallegos Canyon Unit Com A #142E | Unit G, Sec. 25, T29N, R12W |
| 5. | Johnston Federal #4 | Unit H, Sec. 33, T31N, R09W |
| 6. | Johnston Federal #6A | Unit F, Sec. 35, T31N, R09W |
| 7. | Knight #1 | Unit A, Sec. 05, T30N, R13W |
| 8. | Sandoval Gas Com A #1A | Unit C, Sec. 35, T30N, R09W |
| 9. | Standard Oil Com #1 | Unit N, Sec. 36, T29N, R09W |

Mr. Scott T. Pope
July 18, 2001
Page 3

If you have any questions, please call me at (505) 476-3491.

Sincerely,

A handwritten signature in cursive script, appearing to read "Will Olson".

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Bill Liess, BLM Farmington District Office
Mike Matush, NM State Land Office
Bill Freeman, Navajo Nation EPA



Certified Mail: #7000 1670 0012 7260 6739

February 26, 2001

Mr. William C. Olson
New Mexico Oil Conservation Division
1220 St. Francis Dr.
Santa Fe, NM 87504

RECEIVED

FEB 28 2001

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

RE: 2000 Pit Project Annual Groundwater Report

Dear Mr. Olson:

In accordance with reporting requirements, El Paso Field Services (EPFS) has enclosed annual updates for the 32 remaining groundwater impacted sites that were identified during our pit closure project of 1994 / 1995.

Of the 32 reports (Volumes 1-4), EPFS hereby requests closure of six sites. The six sites EPFS is requesting closure on are presented in one separate binder entitled "San Juan Basin Pit Closures, El Paso Field Services, Pit Closure Reports". Four of the six sites were submitted in last years report and a decision has not been made on closure. The remaining two sites have been submitted in previous years and denied closure.

The Jaquez Com. C #1 and Jaquez Com. E #1 site is not included in with this years report and will be submitted by the required deadline of April 1, 2001

EPFS has also included for your information six Navajo sites in a separate binder.

If you have any questions concerning the enclosed reports or closure requests, please call me at (505) 599-2124.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Scott T. Pope', with a long horizontal flourish extending to the right.

Scott T. Pope P.G.
Senior Environmental Scientist

xc: Mr. Denny Foust, NMOCD, Aztec - w / enclosures; **Certified Mail # 7000 1670 0012 7260 6722**
Mr. Bill Liesse, BLM - w / enclosures (federal sites only), **Certified Mail # 7000 1670 0012 7260 6715**



FEB 22 2000

NEW MEXICO OIL CONSERVATION DIVISION

Certified Mail: #Z 213 707 662

February 17, 2000

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87504

RE: Corrected Request for Extension for 2000 Pit Project Annual Groundwater Report

Dear Mr. Olson:

Please except this request for extension with the dates corrected to reflect the current year.

The pit project annual groundwater report is due to you on March 1, 2000. Pursuant to our February 8, 2000 telephone conversation, El Paso Field Services (EPFS) hereby requests a one-month extension to the submittal date. EPFS will submit the pit project annual report to your office by April 3, 2000.

If you have any questions or require any additional information, please contact me at (505) 599-2124.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Scott T. Pope'.

Scott T. Pope P.G.
Environmental Scientist

xc: Mr. Denny Foust, NMOCD - Aztec



FEB 10 2000

Certified Mail: #Z 387 666 326

February 8, 1999

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87504

RE: 2000 Pit Project Annual Groundwater Report

Dear Mr. Olson:

The pit project annual groundwater report is due to you on March 1, 1999. Pursuant to our February 8, 1999 telephone conversation, El Paso Field Services (EPFS) hereby requests a one-month extension to the submittal date. EPFS will submit the pit project annual report to your office by April 3, 1999.

If you have any questions or require any additional information, please contact me at (505) 599-2124.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Scott T. Pope'.

Scott T. Pope P.G.
Environmental Scientist

xc: Mr. Denny Foust, NMOCD - Aztec



Certified Mail: #Z 211 324 121

March 31, 1999

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87504

RECEIVED

APR 05 1999

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

RE: 1998 Pit Project Annual Groundwater Report

Dear Mr. Olson:

In accordance with reporting requirements, El Paso Field Services (EPFS) has enclosed annual updates for the 49 remaining groundwater impacted locations that were identified during our pit closure project of 1994 / 1995.

Of the 49 reports, EPFS hereby requests closure of 18 of these locations. The 18 sites EPFS is requesting closure on are presented in 4 separate binders entitled "Final Closure Report for Groundwater Sites with Four Consecutive Quarters Below Standards".

The Jaquez Com. C #1 and Jaquez Com. E #1 site is included in a separate report which is entitled "Jaquez Com. C #1 and Jaquez Com. E #1 Annual Report for Soil and Groundwater Remediation".

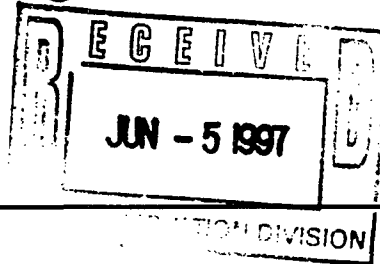
If you have any questions concerning the enclosed reports or closure requests, please call me at (505) 599-2124.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scott T. Pope'.

Scott T. Pope P.G.
Senior Environmental Scientist

xc: Mr. Denny Foust, NMOCD, Aztec - w/ enclosures; **Certified Mail # Z 211 324 122**
Mr. Bill Liesse, BLM - w/ enclosures; **Certified Mail # Z 211 324 123**
Ms. Charmaine Tso, Navajo EPA - w/ enclosures; **Certified Mail # Z 211 324 120**



Bill Olson
New Mexico Oil Conservation Commission
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Date: June 2, 1997

Subject: Semi-Annual El Paso Field Services Pit Project Groundwater Report

Mr. Olson,

El Paso Field Services (EPFS) has encountered groundwater at various locations while investigating and or remediating exempt hydrocarbon unlined pits. The enclosed list includes all locations which are in this category. Please find enclosed, the locations and status of each individual pit.

These pits are being remediated according to the "EPFS Remediation Plan for Groundwater Encountered During Pit Closure Activities" dated November 29, 1995.

EPFS requests that future reports for this project be submitted on a yearly basis to begin December 1, 1997 which will include soil boring logs, monitoring well completion diagrams, analytical data, groundwater elevation data, any risk analysis and type of remediation method.

For questions regarding this report please contact Ricky Cosby at (505)599-2158.

A handwritten signature in cursive script that reads 'Ricky D. Cosby'.

Ricky D. Cosby
Compliance Specialist

cc: Denny Foust - Aztec District

El Paso Field Services
Pit Project Ground Water Report

Location/Line Name	ITB	ISc	TH	RG	Marker	Well Status	Depth to GW	Product Level
MCGRATH #1	F	07	30	11	+1	GW encountered during drilling activities, MW results below standards, Develop Closure Plan	17'	No
Mae Gail Com #1	E	24	29	11		PZ1 in center of pit below standards. All other samples below standards. Develop Closure Plan	0.5'-8'	No
NM COM G1	P	36	30	10		MW1 was removed during site re-excavation, PZ1 installed with samples below standards. Develop Closure Plan.	17'-18'	No
MARY ACKROYD #1	J	18	30	11		Geoprobe samples all below standards. Develop Closure Plan.	3'-8'	No
JACQUEZ #3	E	25	30	09	-1	MW1 removed during re-excavation. 3 piezos and 1 probehole around pit all below standards. Operator has placed a production tank over the pit location. Develop Closure Plan.	13'-15'	No
SALAZAR G 34-1	K	34	25	06	+1	MW1 results all below standards. Develop Closure Plan.	35'	No
ANDERSON GAS COM A #1 PC	C	28	29	10		PH4 in center of pit is below standards. All of PH's around pit below standards. Develop Closure Plan.	5'-9'	No
GALLEGOS CANYON UT 145 E	D	28	29	12		PZ1 in center of pit below standards.	8'-9'	No
JOHNSTON FEDERAL #3A	I	12	30	09	+1	Develop Closure Plan. 4 clean quarters.	67.5'	No
FLORANCE #1	J	08	30	11	+1	MW1 installed 05/07/97. Develop and sample MW1.	14'	No
DE-NA-HAZ-ZA #1	D	18	28	08	+1	MW1 installed 05/08/97. Develop and sample MW1.	14'	No
Ramanta Et Al #1	J	13	27	09	+1	MW1 installed 05/06/97. Develop and sample MW1.	5'-9'	No
HAMMOND 41 A	O	25	27	08	+1	MW1 installed 05/05/97. Develop and sample MW1.	15'-24'	No
VALDEZ GAS UNIT A #1E CH	G	24	29	11	-1, +1	MW1 installed 05/07/97. Develop and sample MW1.	11'-12'	No

El Paso Field Services
Pit Project Ground Water Report

Location/Line Name	LTB	Sec	TN	RG	Monitor Status	Well Status	Depth to GW	Product Level
GALLEGOS CANYON COM A142E	G	25	29	12	+1	MW1 Developed and sampled 03/10/97. Evaluate Data.	13'	No
GALLEGOS CANYON UT D#160	I	27	29	12	+1	MW1 Developed and sampled 03/10/97. Evaluate Data.	19.1'	No
HARRINGTON #1	M	31	27	07	+1	MW1 Developed and sampled 04/02/97. Evaluate Data.	13'	No
Turner A1 "PM" (Pit #2)	G	34	31	11	+1	MW1 Developed and sampled 03/12/97. Evaluate Data.	2.3' - 2.5'	No
TURNER #1A (Pit #1)	K	34	31	11	+1	Same as Above	5'	No
SAN JUAN 28-6 UNIT #79 MV	M	11	27	08	+1	MW1 Developed and sampled 04/14/97. Evaluate Data.	30'	No
KNIGHT #1	A	05	30	13	+4	Installed Oxegenate Socks 11/25/96. Geoprobe 02/25/97. Evaluate Data. Install MW1 and sample quarterly.	22'-25'	No
Ohio C. Govt. #3	P	26	28	11		MW1 Developed and sampled 03/28/97. Evaluate Data.	8'-16'	No
NICKLES #1	K	11	31	13	+1		12'-15'	No
BUD-DOS-PAH #1	M	19	26	08		Soil Boring 02/19/97. Operator has placed a compressor over excavated pit area. Evaluate Data.	13'	No
SANCHEZ GAS COM B#1	G	28	29	10	+1	MW1 Developed and sampled 03/11/97. Evaluate Data.	8'-9'	No
GE-ELE-GU-LITH-E #2	L	07	26	08		Soil Boring 02/20/97. Operator has placed a compressor over excavated pit area. Evaluate Data.	13'	No
JOHN CHARLES #8	B	13	27	09	+1	MW1 Developed and sampled 03/13/97. Evaluate Data.	19'	No
CANDADO 23 MV	B	09	28	07	+1	MW1 Developed and sampled 04/16/97. Evaluate Data.	8'-9'	No

El Paso Field Services
Pit Project Ground Water Report

Location/Line Name	LTR	Sec	TN	RG	Monitor Status	Well Status	Depth to GW	Product Level
GALLEGOS CANYON UNIT 188E	B	30	29	12	+1	MW1 Developed and sampled 04/03/97. Evaluate Data.	3'-5'	No
JOHNSON #1E	P	21	31	13	+1	MW1 Developed and sampled 03/28/97. Evaluate Data.	3'-9'	No
MILES FEDERAL #1E	N	05	28	07	+1	MW1 Developed and sampled 04/02/97. Evaluate Data.	13.5'-30'	No
TRUJILLO GAS COM A#1	C	28	29	10	+1	MW1 Developed and sampled 04/03/97. Evaluate Data.	3'-9'	No
ANDERSON GAS COM A#1 CH	C	28	29	10	+1	MW1 Developed and sampled 03/11/97. Evaluate Data.	5'-9'	No
TRUNK D LINE DRIP (LOOPD8)	F	20	28	08	+1	MW1 Developed and sampled 03/31/97. Evaluate Data.	10.8'-24'	No
K-31 LINE DRIP	N	16	25	06	+1	MW1 Developed and sampled 04/16/97. Evaluate Data.	18'-24'	No
K-17 LINE DRIP	C	26	27	08	+1	MW1 Developed and sampled 03/31/97. Evaluate Data.	17.8'-27'	No
TRUNK 2B DRIP X-1	J	01	27	11	+1	MW1 Developed and sampled 03/11/97. Evaluate Data.	8'-10'	No
Trujillo Gas Com #1 PC	M	21	29	10		Install MW1	4'	No
OHIO C GOVERNMENT #3 TD	P	26	28	11		Install MW1	8'-16'	No
LINDRITH B #24	N	09	24	03		Install MW1	21'-27'	No
K - 51 Line Drip	A	34	26	06		Install MW1	10'	No
Mesa CPD	C	04	29	14	+1	Install well points around pit and sample. MW1 needs 3 more clean quarters.	3'-6.5'	No
STANDARD OIL COM #1	N	36	29	09	+1	Install well points on four sides of pit to establish gradient.	20.89'	No
W.D. HEATH B#5	M	31	30	09	+1	Install well points on four sides of pit to establish gradient.	30'-36'	No
CANYON LARGO UNIT 304	C	11	24	06	+1	Install downgradient well points and sample.	17.5'-18'	No

El Paso Field Services
Pit Project Ground Water Report

Location/Line Name	LTR	Sec	TN	RG	Monitor Status	Well Status	Depth to GW	Product Level
K-27 LINE DRIP	E	04	25	08	+1	Establish gradient with well points.	40'	No
LAT O-21 LINE DRIP	O	12	30	09	+1	Establish gradient with well points.	33'-36'	No
Trunk D loop Line Drip	I	33	28	08	+1	Establish gradient with well points.	33'-36'	No
Bisti Flare Pit	C	21	12	26		Establish GW gradient	15'	No
LAT L-40 LINE DRIP	H	13	28	04	+1	Install downgradient well points and sample	40'	No
HAMNER #9	A	20	29	09	+1	Establish gradient with well points.	29'-31'	No
GARTNER LS #7	K	26	30	08		NMOCD Closure Approved	NA	No
HAMMOND FED #1	L	25	27	08	+1	NMOCD Closure Approved	NA	No
BURROUGHS COM #1	H	36	27	08		NMOCD Closure Approved	NA	No
CLEVELAND #6	B	21	27	09	+1	NMOCD Closure Approved	NA	No
CHARLEY PAH 4	K	12	27	09		NMOCD Closure Approved	NA	No
GRACE PEARCE #1	O	22	29	11		NMOCD Closure Approved	NA	No
HAMMOND #7	G	26	27	08		NMOCD Closure Approved	NA	No
ONA MCGEE #1	P	04	30	11		NMOCD Closure Approved	NA	No
CUTLER #2	A	14	24	06		NMOCD Closure Approved	NA	No
LINDRITH UNIT #23	D	09	24	03		NMOCD Closure Approved	NA	No
GREEN COM #1	E	36	29	09		NMOCD Closure Approved	NA	No
HAMMOND FED #5	D	25	27	08	+1	NMOCD Closure Approved	NA	No
FLORA VISTA #1	F	22	30	12		NMOCD Closure Approved	NA	No
MARSHALL B #1J	O	14	27	09		NMOCD Closure Approved	NA	No
HAMMOND #92	O	25	27	08		NMOCD Closure Approved	NA	No
PRICE #3	A	15	28	08		NMOCD Closure Approved	NA	No

El Paso Field Services
Pit Project Ground Water Report

Location/Line Name	LTR	Geo	TN	RQ	Monitor	Well Status	Depth to GW	Product Level
KRAUSE WN FEDERAL #1E	C	32	28	11		NMOCD Closure Approved	NA	No
CANYON LARGO UNIT #298	A	03	24	06		NMOCD Closure Approved	NA	No
ARGO #1E	N	18	27	10		NMOCD Closure Approved	NA	No
CANYON LARGO UNIT #302	J	03	24	06		NMOCD Closure Approved	NA	No
FEDERAL 6 #32 CH	G	06	26	07		NMOCD Closure Approved	NA	No
SANCHEZ GAS COM C#1	A	28	29	10		NMOCD Closure Approved	NA	No
VALDEZ #2	G	24	29	11	-1	NMOCD Closure Approved	NA	No
FEDERAL R #2	P	15	27	08	+1	NMOCD Closure Approved	NA	No
CANYON LARGO UNIT #336	C	24	25	06		NMOCD Closure Approved	NA	No
CANDELARIA GAS COM C #1	C	27	29	10		NMOCD Closure Approved	NA	No
HOWELL #3	C	03	27	08		NMOCD Closure Approved	NA	No
LAT 2C-55 LINE DRIP	F	17	25	07	+1	NMOCD Closure Approved	NA	No
HORTON 1-E	H	28	31	09	+1	MW1 above B standards. Inject nutrient slurry in corners of pit.	5.3'	No
LAT 3B-39	M	10	29	09	+1	MW1 above B standards. Inject nutrient slurry in corners of pit.	31'-36'	No
JOHNSTON FEDERAL #4	H	33	31	09	+3	Determine Remedial Design Options.	48.94'--50.38'	Yes
STATE GAS COM N #1	H	16	31	12	+4	Determine Remedial Design Options.	75.66'--76.90'	Yes
COLDIRON COM A#1	K	02	30	11	+1	Determine Remedial Design Options.	35.4'	Yes
JOHNSTON FEDERAL #6A	F	35	31	09	+4	Determine Remedial Design Options.	40'-44.6'	Yes
JAMES F. BELL #1E	P	10	30	13	+4	Determine Remedial Design Options.	23.5'-24.5'	Yes
CANADA MESA #2	I	24	24	06	+1	Determine Remedial Design Options.	30'	Yes

El Paso Field Services
Pit Project Ground Water Report

Location/Line Name	LT	Geo	ITN	RG	Monitor Status	Well Status	Depth to GW	Product Level
FIELDS A #7A	E	34	32	11	+4	Confirm groundwater gradient. Initiate product removal from MW4.	21.8'-28.8'	Yes
FOGELSON 4-1 COM #14	P	04	29	11	+1	Re-excavate site. Evaluate operators open pits as sources of contamination.	31'-36'	No
SANDOVAL GAS COM A 1A	C	35	30	09	+1	Refusal with Geoprobe. Re-excavate pit and re-install MW1.	35'	No
MILES FEDERAL 1A (CH)	F	05	26	07	+1	Evaluate Data. Sandstone refusal at 25'.	29'	Yes
SHEETS #2	H	28	31	09	+4	Sample Quarterly. Steady drop in B analysis through 4 quarters.	48.3'-50.31'	No
JENNAPAH #1	H	36	28	09	+1	Sample Quarterly. Develop and Sample MW1 03/13/97.	20'	No
FLORANCE C LS 7	F	30	28	08	+1	Sample Quarterly. Need 2 more clean quarters.	40'	No
GRAHAM #53	L	10	27	08	+1	Sample Quarterly. Need 3 more clean quarters.	28.33'	No
MILES FEDERAL 1 A MV	F	05	26	07	+1	Sample Quarterly. Need 2 more clean quarters.	27.8'	No
LAT. H-37 DRIP Y-3	F	01	31	13	+4	Sample Quarterly. Remove socks. 4 clean quarters with ORB socks.	24.6'-25'	No
2C-22 #1 LINE DRIP	N	35	24	06	+1	Develop Closure Plan. 4 clean quarters.	28.8'	No
2C-22 #3 LINE DRIP	G	13	24	06	+1	Sample Quarterly. Need 3 more clean quarters.	14'-24'	No
2C - 45 Line Drip	P	13	25	06	+1	Sample Quarterly. Need 3 more clean quarters.	42.2'	No
USSELMAN GAS COM #1	B	04	31	10	+1	Sample Quarterly. Need 2 more clean quarters	10'	No
Note:								
MW = Monitor Well								
PZ = Piezometer								
BH = Bore Hole								

Bill Olson

OIL CONSERVATION DIVISION

RECEIVED

El Paso

Natural Gas Company

'94 JU

5

JUN 8 1994

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

June 10, 1994

Mr. Denny Foust
NM Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Dear Mr. Foust,

Enclosed is an update on those locations where EPNG has encountered groundwater during our pit remediation and closure project. The list represents the time period of 4/14/94 (project start) through 6/7/94. The twelve locations on the list is 3% of the total number of pits that have been closed through the above dates.

As we have discussed, EPNG will be informing you of what approach we will be taking regarding further action at these locations. If you have any questions regarding this information you may reach me at 599-2141.

Sincerely,


Sandra D. Miller
Sr. Environmental Scientist

RECEIVED
JUN 13 1994

OIL CON. DIV.
DIST. 3

SF 6/29/94

DATE CLOSED	METER CODE	LOCATION NAME	SEC. T. R.
4/26/94	71676	TURNER #1A	K34-31N-11W
4/27/94	93296	GALLEGOS CANYON UNIT #188E	B30-29N-12W
4/29/94	75220	SANCHEZ GAS COM B1	G28-29N-10W
4/30/94	94984	ANDERSON GAS COM A #1 PC	C28-29N-10W
5/1/94	94879	SANCHEZ GAS COM C1	A28-29N-10W
5/2/94	95136	TRUJILLO GAS COM A1	C28-29N-10W
5/3/94	93357	JOHNSON #1E	P21-31N-13W
5/3/94	95210	ANDERSON GAS COM A1 CH	C28-29N-11W
5/4/94	72387	GRACE PEARCE #1	O22-29N-11W
5/5/94	95726	CANDELARIA GAS COM C #1	C27-29N-10W
5/23/94	75323	GREEN COM #1	E36-29N-9W
6/2/94	93196	CANADO 23 CH	B9-29N-7W

RECEIVED
JUN 13 1994

OIL COM. DIV.
DET. 3