3R - 228

GENERAL CORRESPONDENCE

YEAR(S):
2004 - 1997

3R228

elpaso Field Services

Certified Mail: #7002 0510 0000 0307 2393

RECEIVED

JAN 20 2004

Oil Conservation Division
Environmental Bureau

January 14, 2004

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

RE: Well Abandonment at Closed Sites

Dear Mr. Olson:

El Paso Field Services (EPFS) hereby submits for your records abandonment forms for sites that have been approved for closure. As stipulated as a condition of final closure the monitoring wells at the sites listed below have been plugged and abandoned in accordance with EPFS' approved monitoring well abandonment plan. The forms documenting the plugging and abandoning of monitoring wells listed below are attached to this letter. In addition three monitoring wells were abandoned as approved at the Blanco Plant.

Charley Pah #4	TMW-1	Navajo
Rementa et al #1	MW-1, 2 and 3	Navajo
D-Loop Line Drip	MW-1, 2 and 3	Federal
Ohio C Government #3	MW-1	Federal
WD Heath B #5	MW-1	Federal
Lat 3B-39 Line Drip	MW-1, 2 and 3	Non-Federal
Blanco Plant	MW-10, 17 and 18	Non-Federal

If you have any questions concerning the attached well abandonment forms or require additional information please call me at (505) 599-2124.

Sincerely,

Scott T. Pope P.G.
Senior Environmental Scientist

Attachments: as stated

xc: Mr. Denny Foust, NMOCD, Aztec - w / enclosures; **1st Class Mail**
Mr. Bill Liesse, BLM – w / enclosures (federal sites only), **1st Class Mail**
Mr. Bill Freeman, Navajo EPA – w/ enclosures (Navajo Sites Only), **1st Class Mail**
Mr. James Walker, USEPA – w / enclosures (Navajo Sites Only), **1st Class Mail**

Terracon 12-2-03

Monitor Well Abandonment Record

1. Owner:

Name: EPFS City: Farmington State: NM

Address: 614 Reilly Ave Zip: 87401 Phone: (505) 599-2124

2. Monitor Well Location:

Location Name: EL PASO OHIO C Monitor Well I.D.: MW-1

____ 1/4 of, P 1/4 of, Section 26 Township 28N Range 11W

County: Meter # 72890

3. Description:

Well depth: 20.80 ft. Casing material (circle one): Steel (Plastic) Concrete

Depth to water: 13.44 ft. Installation type (circle one): (Drilled) Driven Augered

Casing diameter: 4 in.

Depth of casing: 18 ft. GROUND LEVEL

4. Abandonment Method:

Well Casing: ____ (Removed) ____ Abandoned in place (Cut 3' below surface)

Plugging Method: ____ Pressure grouting ____ Bentonite pellets

No. of Bags of Cement: DN-3 DW-2

No. of Bags of Bentonite Powder: 1/8

No. of Bags of Bentonite Pellets: ____

Signature: Leonardo Tena Date Plugged: 12-2-03

Printed Name: Leonardo Tena Title: Driller

elpaso Field Services

September 24, 2001

Mr. M. Paul Peacock
Marathon Oil Company
P.O. Box 552
Midland, Texas 79702

RE: 3rd Quarter Analytical Results from the Ohio C Government #3

Dear Mr. Peacock:

Please find the enclosed laboratory analytical results for the September 9, 2001 sampling of monitoring wells MW-01 – MW-05. This represents the 3rd quarter sampling event for the year 2001. This will be the last sampling event performed by El Paso Field Services (EPFS). EPFS have been given preliminary closure on our portion of the site. If our situation should change we will notify you. Marathon may continue to monitor MW-1 if necessary. Please notify EPFS when it is appropriate to plug and abandon MW-1.

If you have any questions concerning the enclosed laboratory report or other issues, please call me at (505) 599-2124.

Sincerely,

Scott T. Pope P.G.
Senior Environmental Scientist
Environmental Remediation Department

Enclosure: as stated

Cc: Ohio C Government #3 file

El Paso Field Services
614 Reilly Avenue Farmington, New Mexico 87401
tel 505.599.2147

PINNACLE LABORATORIES

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

Pinnacle Lab ID number **106127**
July 03, 2001

GOLDEN ENVIRONMENTAL MNGT.
906 SAN JUAN BLVD.
FARMINGTON, NM 87401

EL PASO FIELD SERVICES
614 RIELLY AVENUE
FARMINGTON, NM 87401

Project Name EPFS REMEDIATION PROJ.
Project Number 6169

Attention: LISA WINN/SCOTT POPE 0H10 C GoJ 72890

On 06/27/01 Pinnacle Laboratories, Inc., (ADHS License No. AZ0592 pending), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: ft

Enclosure

PINNACLE LABORATORIES

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

CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	PINNACLE ID	: 106127
PROJECT #	: 6169	DATE RECEIVED	: 06/27/01
PROJECT NAME	: EPFS REMEDIATION PROJ.	REPORT DATE	: 07/03/01

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
106127 - 01	OHI-0106-MW1	AQUEOUS	06/25/01
106127 - 02	OHI-0106-MW2	AQUEOUS	06/25/01
106127 - 03	OHI-0106-MW3	AQUEOUS	06/25/01
106127 - 04	OHI-0106-MW4	AQUEOUS	06/25/01
106127 - 05	OHI-0106-MW5	AQUEOUS	06/25/01
106127 - 06	OHI-0106-MW53	AQUEOUS	06/25/01

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : GOLDEN ENVIRONMENTAL MNGT. PINNACLE I.D.: 106127
PROJECT # : 6169
PROJECT NAME : EPFS REMEDIATION PROJ.

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	OHI-0106-MW1	AQUEOUS	06/25/01	NA	06/27/01	1
02	OHI-0106-MW2	AQUEOUS	06/25/01	NA	07/02/01	1
03	OHI-0106-MW3	AQUEOUS	06/25/01	NA	06/27/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0106-MW1	OHI-0106-MW2	OHI-0106-MW3
BENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOTAL XYLENES	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			93	96	90
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : GOLDEN ENVIRONMENTAL MNGT. PINNACLE I.D.: 106127
PROJECT # : 6169
PROJECT NAME : EPFS REMEDIATION PROJ.

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	OHI-0106-MW4	AQUEOUS	06/25/01	NA	06/27/01	1
05	OHI-0106-MW5	AQUEOUS	06/25/01	NA	06/27/01	1
06	OHI-0106-MW53	AQUEOUS	06/25/01	NA	06/27/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0106-MW4	OHI-0106-MW5	OHI-0106-MW53
BENZENE	0.5	**UG/L**	**1.8**	**19**	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	**UG/L**	**6.8**	**41**	< 0.5
TOTAL XYLENES	0.5	**UG/L**	**8.0**	**77**	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			96	109	89
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 106127
BLANK I. D.	: 062701	DATE EXTRACTED	: NA
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE ANALYZED	: 06/27/01
PROJECT #	: 6169	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS REMEDIATION PROJ.		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		92
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 106127
BLANK I. D.	: 070201	DATE EXTRACTED	: NA
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE ANALYZED	: 07/02/01
PROJECT #	: 6169	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS REMEDIATION PROJ.		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		96
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8021 MODIFIED		
BSBSD	: 062701	PINNACLE I.D.	: 106127
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE EXTRACTED	: NA
PROJECT #	: 6169	DATE ANALYZED	: 06/27/01
PROJECT NAME	: EPFS REMEDIATION PROJ.	SAMPLE MATRIX	: AQUEOUS
		UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	21.4	107	21.9	110	2	(80 - 120)	20
TOLUENE	<0.5	20.0	20.3	102	21.0	105	3	(80 - 120)	20
ETHYLBENZENE	<0.5	20.0	20.5	103	21.3	107	4	(80 - 120)	20
TOTAL XYLENES	<0.5	60.0	61.1	102	63.6	106	4	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 6-25-01 PAGE: 1 OF 1

PLI Accession #: 106127

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: LISA Winn

COMPANY: GEM

ADDRESS: 906 San Juan BLVD
Farmington N.M. 87401

PHONE: (505) 566-9116

FAX: (505) 566-9120

BILL TO: SCOTT pope

COMPANY: El paso Field Services

ADDRESS: 614 Reilly AVE
Farmington N.M.

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	NUMBER OF CONTAINERS
OHI-0106-MW1	6-25-01	1015	H2O	01	2
OHI-0106-MW2	6-25-01	1140	H2O	02	2
OHI-0106-MW3	6-25-01	1230	H2O	03	2
OHI-0106-MW4	6-25-01	1100	H2O	04	2
OHI-0106-MW5	6-25-01	1300	H2O	05	2
OHI-0106-MW53	6-25-01	1230	H2O	06	2

Petroleum Hydrocarbons (418.1) TRPH
(MOD.8015) Diesel/Direct Inject
(M8015) Gas/Purge & Trap
8021 (BTEX)/8015 (Gasoline) MTBE
8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE: X X X X X X
8021 (TCL)
8021 (EDX)
8021 (HALO)
8021 (CUST)
504.1 EDB ☐ / DBCP ☐
8260 (TCL) Volatile Organics
8260 (Full) Volatile Organics
8260 (CUST) Volatile Organics
8260 (Landfill) Volatile Organics
Pesticides /PCB (608/8081/8082)
Herbicides (615/8151)
Base/Neutral/Acid Compounds GC/MS (625/8270)
Polynuclear Aromatics (610/8310/8270-SIMS)
General Chemistry:
Priority Pollutant Metals (13)
Target Analyte List Metals (23)
RCRA Metals (8)
RCRA Metals by TCLP (Method 1311)
Metals:

PROJECT INFORMATION

PROJ. NO.: 6169

PROJ. NAME: EPFS Bonded Tank pit

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	12
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Y
BLUE ICE / ICE	

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☑

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

OHIO C GOVT.
meter # 72890

RELINQUISHED BY: 1.

Signature: Chris A. Mace Time: 0800

Printed Name: Chris A. Mace Date: 6-26-01

Company:

See reverse side (Force Majeure)

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Francine Tarvin Time: 1000

Printed Name: Francine Tarvin Date: 6/27/01

Pinnacle Laboratories Inc.

elpaso Field Services

July 11, 2001

Mr. L. Peter Galusky, Jr., Ph. D.
Marathon Oil Company
125 W. Missouri
Midland, Texas 79702-0552

RE: 2nd Quarter 2001 Analytical Results from the Ohio C Government #3

Dear Mr. Galusky:

Please find the enclosed laboratory analytical results for the June 25, 2001 sampling of monitoring wells MW-01 – MW-05 at the Ohio C Government #3 site. This represents the second quarter sampling event for the year 2001.

If you have any questions concerning the enclosed laboratory report, please call me at (505) 599-2124.

Sincerely,

Scott T. Pope P.G.
Senior Environmental Scientist
Environmental Remediation Department

Enclosure: as stated

Cc: Ohio C Government #3 file

El Paso Field Services
614 Reilly Avenue Farmington, New Mexico 87401
tel 505.599.2147

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

PINNACLE LABORATORIES

Pinnacle Lab ID number **106127**
July 03, 2001

GOLDEN ENVIRONMENTAL MNGT.
906 SAN JUAN BLVD.
FARMINGTON, NM 87401

EL PASO FIELD SERVICES
614 RIELLY AVENUE
FARMINGTON, NM 87401

Project Name EPFS REMEDIATION PROJ.
Project Number 6169

Attention: LISA WINN/SCOTT POPE 8H10 C GOJ 72890

On 06/27/01 Pinnacle Laboratories, Inc., (ADHS License No. AZ0592 pending), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: ft

Enclosure

PINNACLE LABORATORIES

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

CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	PINNACLE ID	: 106127
PROJECT #	: 6169	DATE RECEIVED	: 06/27/01
PROJECT NAME	: EPFS REMEDIATION PROJ.	REPORT DATE	: 07/03/01

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
106127 - 01	OHI-0106-MW1	AQUEOUS	06/25/01
106127 - 02	OHI-0106-MW2	AQUEOUS	06/25/01
106127 - 03	OHI-0106-MW3	AQUEOUS	06/25/01
106127 - 04	OHI-0106-MW4	AQUEOUS	06/25/01
106127 - 05	OHI-0106-MW5	AQUEOUS	06/25/01
106127 - 06	OHI-0106-MW53	AQUEOUS	06/25/01

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

PINNACLE LABORATORIES

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : GOLDEN ENVIRONMENTAL MNGT. PINNACLE I.D.: 106127
PROJECT # : 6169
PROJECT NAME : *EPFS REMEDIATION PROJ.*

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	OHI-0106-MW1	AQUEOUS	06/25/01	NA	06/27/01	1
02	OHI-0106-MW2	AQUEOUS	06/25/01	NA	07/02/01	1
03	OHI-0106-MW3	AQUEOUS	06/25/01	NA	06/27/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0106-MW1	OHI-0106-MW2	OHI-0106-MW3
BENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOTAL XYLENES	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			93	96	90
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : GOLDEN ENVIRONMENTAL MNGT. PINNACLE I.D.: 106127
PROJECT # : 6169
PROJECT NAME : EPFS REMEDIATION PROJ.

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	OHI-0106-MW4	AQUEOUS	06/25/01	NA	06/27/01	1
05	OHI-0106-MW5	AQUEOUS	06/25/01	NA	06/27/01	1
06	OHI-0106-MW53	AQUEOUS	06/25/01	NA	06/27/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0106-MW4	OHI-0106-MW5	OHI-0106-MW53
BENZENE	0.5	**UG/L**	**1.8**	**19**	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
[illegible]HYLBENZENE	0.5	**UG/L**	**6.8**	**41**	< 0.5
[illegible]TAL XYLENES	0.5	**UG/L**	**8.0**	**77**	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			96	109	89
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 106127
BLANK I. D.	: 062701	DATE EXTRACTED	: NA
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE ANALYZED	: 06/27/01
PROJECT #	: 6169	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS REMEDIATION PROJ.		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5

SURROGATE:
BROMOFLUOROBENZENE (%) 92
SURROGATE LIMITS: (80 - 120)
CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 106127
BLANK I. D.	: 070201	DATE EXTRACTED	: NA
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE ANALYZED	: 07/02/01
PROJECT #	: 6169	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS REMEDIATION PROJ.		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		96
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8021 MODIFIED		
BSBSD	: 062701	PINNACLE I.D.	: 106127
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE EXTRACTED	: NA
PROJECT #	: 6169	DATE ANALYZED	: 06/27/01
PROJECT NAME	: EPFS REMEDIATION PROJ.	SAMPLE MATRIX	: AQUEOUS
		UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	21.4	107	21.9	110	2	(80 - 120)	20
TOLUENE	<0.5	20.0	20.3	102	21.0	105	3	(80 - 120)	20
ETHYLBENZENE	<0.5	20.0	20.5	103	21.3	107	4	(80 - 120)	20
TOTAL XYLENES	<0.5	60.0	61.1	102	63.6	106	4	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 6-25-01 PAGE: 1 OF 1

PLI Accession #: 106129

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: LISA Winn

COMPANY: GEM

ADDRESS: 906 San Juan BLVD
Farmington N.M. 87401

PHONE: (505) 566-9116

FAX: (505) 566-9120

BILL TO: SCOTT Pope

COMPANY: El Paso Field Services

ADDRESS: 614 Reilly AVE
Farmington N.M.

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	NUMBER OF CONTAINERS
OHI-0106-MW1	6-25-01	1015	H2O	01	X	2
OHI-0106-MW2	6-25-01	1140	H2O	02	X	2
OHI-0106-MW3	6-25-01	1230	H2O	03	X	2
OHI-0106-MW4	6-25-01	1100	H2O	04	X	2
OHI-0106-MW5	6-25-01	1300	H2O	05	X	2
OHI-0106-MW53	6-25-01	1230	H2O	06	X	2

Petroleum Hydrocarbons (418.1) TRPH
(MOD.8015) Diesel/Direct Inject
(M8015) Gas/Purge & Trap
8021 (BTEX)/8015 (Gasoline) MTBE
8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE
8021 (TCL)
8021 (EDX)
8021 (HALO)
8021 (CUST)
504.1 EDB ☐ / DBCP ☐
8260 (TCL) Volatile Organics
8260 (Full) Volatile Organics
8260 (CUST) Volatile Organics
8260 (Landfill) Volatile Organics
Pesticides /PCB (608/8081/8082)
Herbicides (615/8151)
Base/Neutral/Acid Compounds GC/MS (625/8270)
Polynuclear Aromatics (610/8310/8270-SIMS)
General Chemistry:
Priority Pollutant Metals (13)
Target Analyte List Metals (23)
RCRA Metals (8)
RCRA Metals by TCLP (Method 1311)
Metals:

PROJECT INFORMATION

PROJ. NO. 6169

PROJ. NAME Eps Blanco Tie prj

P.O. NO.:

SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	12	
CUSTODY SEALS	Y / N	(NA)
RECEIVED INTACT	Y	
BLUE ICE/ICE		

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ✓

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

OHIO C GOVT.
meter # 72990

RELINQUISHED BY: 1.

Signature: Time: 0800

Printed Name: Chris A. Macie Date: 6-26-01

Company

See reverse side (Force Majeure)

RECEIVED BY: 1.

Signature: Time:

Printed Name: Date:

Company:

RELINQUISHED BY: 2.

Signature: Time:

Printed Name: Date:

Company:

RECEIVED BY: (LAB) 2.

Signature: Time: 1000

Printed Name: Francine Tarvin Date: 6/27/01

Pinnacle Laboratories Inc.

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

PINNACLE LABORATORIES

Pinnacle Lab ID number **106127**
July 03, 2001

GOLDEN ENVIRONMENTAL MNGT.
906 SAN JUAN BLVD.
FARMINGTON, NM 87401

EL PASO FIELD SERVICES
614 RIELLY AVENUE
FARMINGTON, NM 87401

Project Name EPFS REMEDIATION PROJ.
Project Number 6169

Attention: LISA WINN/SCOTT POPE OHIO C GOJ 72890

On 06/27/01 Pinnacle Laboratories, Inc., (ADHS License No. AZ0592 pending), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: ft

Enclosure

PINNACLE LABORATORIES

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

CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	PINNACLE ID	: 106127
PROJECT #	: 6169	DATE RECEIVED	: 06/27/01
PROJECT NAME	: EPFS REMEDIATION PROJ.	REPORT DATE	: 07/03/01

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
106127 - 01	OHI-0106-MW1	AQUEOUS	06/25/01
106127 - 02	OHI-0106-MW2	AQUEOUS	06/25/01
106127 - 03	OHI-0106-MW3	AQUEOUS	06/25/01
106127 - 04	OHI-0106-MW4	AQUEOUS	06/25/01
106127 - 05	OHI-0106-MW5	AQUEOUS	06/25/01
106127 - 06	OHI-0106-MW53	AQUEOUS	06/25/01

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : GOLDEN ENVIRONMENTAL MNGT. PINNACLE I.D.: 106127
PROJECT # : 6169
PROJECT NAME : EPFS REMEDIATION PROJ.

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	OHI-0106-MW1	AQUEOUS	06/25/01	NA	06/27/01	1
02	OHI-0106-MW2	AQUEOUS	06/25/01	NA	07/02/01	1
03	OHI-0106-MW3	AQUEOUS	06/25/01	NA	06/27/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0106-MW1	OHI-0106-MW2	OHI-0106-MW3
BENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOTAL XYLENES	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			93	96	90
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : GOLDEN ENVIRONMENTAL MNGT. PINNACLE I.D.: 106127
PROJECT # : 6169
PROJECT NAME : EPFS REMEDIATION PROJ.

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	OHI-0106-MW4	AQUEOUS	06/25/01	NA	06/27/01	1
05	OHI-0106-MW5	AQUEOUS	06/25/01	NA	06/27/01	1
06	OHI-0106-MW53	AQUEOUS	06/25/01	NA	06/27/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0106-MW4	OHI-0106-MW5	OHI-0106-MW53
BENZENE	0.5	**UG/L**	**1.8**	**19**	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	**UG/L**	**6.8**	**41**	< 0.5
TOTAL XYLENES	0.5	**UG/L**	**8.0**	**77**	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			96	109	89
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 106127
BLANK I. D.	: 062701	DATE EXTRACTED	: NA
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE ANALYZED	: 06/27/01
PROJECT #	: 6169	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS REMEDIATION PROJ.		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		92
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 106127
BLANK I. D.	: 070201	DATE EXTRACTED	: NA
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE ANALYZED	: 07/02/01
PROJECT #	: 6169	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS REMEDIATION PROJ.		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		96
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8021 MODIFIED		
BSBSD	: 062701	PINNACLE I.D.	: 106127
CLIENT	: GOLDEN ENVIRONMENTAL MNGT.	DATE EXTRACTED	: NA
PROJECT #	: 6169	DATE ANALYZED	: 06/27/01
PROJECT NAME	: EPFS REMEDIATION PROJ.	SAMPLE MATRIX	: AQUEOUS
		UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	21.4	107	21.9	110	2	(80 - 120)	20
TOLUENE	<0.5	20.0	20.3	102	21.0	105	3	(80 - 120)	20
ETHYLBENZENE	<0.5	20.0	20.5	103	21.3	107	4	(80 - 120)	20
TOTAL XYLENES	<0.5	60.0	61.1	102	63.6	106	4	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\%\ \text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 6-25-01 PAGE: 1 OF 1

PLI Accession #: 106127

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: LISA WINN

COMPANY: GEM

ADDRESS: 906 San Juan BLVD
Farmington N.M. 87401

PHONE: (505) 566-9116

FAX: (505) 566-9120

BILL TO: SCOTT POPE

COMPANY: El Paso Field Services

ADDRESS: 614 Reilly AVE
Farmington N.M.

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject		(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐ MTBE ☐ TMB ☐ PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐ / DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides /PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals:		NUMBER OF CONTAINERS
OHI-0106-MW1	6-25-01	1015	H2O	01						X																						2
OHI-0106-MW2	6-25-01	1140	H2O	02						X																						2
OHI-0106-MW3	6-25-01	1230	H2O	03						X																						2
OHI-0106-MW4	6-25-01	1100	H2O	04						X																						2
OHI-0106-MW5	6-25-01	1300	H2O	05						X																						2
OHI-0106-MW53	6-25-01	1230	H2O	06						X																						2

PROJECT INFORMATION	
PROJ. NO.	6169
PROJ. NAME	EPFS Remediation proj.
P.O. NO.:	
SHIPPED VIA:	

SAMPLE RECEIPT	
NO. CONTAINERS	12
CUSTODY SEALS	Y / N (NA)
RECEIVED INTACT	Y/N
BLUE ICE/ICE	(ICE)

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☑

CERTIFICATION REQUIRED: ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

OHIO C GOVT.
meter # 72890

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: Chris A. Mace	Signature:
Time: 0800	Time:
Printed Name: Chris A. Mace	Printed Name:
Date: 6-26-01	Date:
Company:	Company:
See reverse side (Force Majeure)	
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature:	Signature: Francine Tarwin
Time:	Time: 1000
Printed Name:	Printed Name: Francine Tarwin
Date:	Date: 6/27/01
Company:	Pinnacle Laboratories Inc.

EL PASO
FIELD SERVICES

April 3, 2001

Mr. L. Peter Galusky, Jr., Ph. D.
Marathon Oil Company
125 W. Missouri
Midland, Texas 79702-0552

RE: 1st Quarter 2001 Analytical Results from the Ohio C Government #3

Dear Mr. Galusky:

Please find the enclosed laboratory analytical results for the March 20, 2001 sampling of monitoring wells MW-01 – MW-05. This represents the 1st quarter sampling event for the year 2001.

If you have any questions concerning the enclosed laboratory report, please call me at (505) 599-2124.

Sincerely,

Scott T. Pope P.G.
Senior Environmental Scientist
Environmental Remediation Department

Enclosure: as stated

Cc: Ohio C Government #3 file

El Paso Field Services Company 614 Reilly Avenue Farmington, New Mexico 87401 Phone (505) 325-2841 Fax (505) 599-2235

PINNACLE LABORATORIES

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

Pinnacle Lab ID number **103060**
March 27, 2001

PHILIP ENVIRONMENTAL
4000 MONROE ROAD
FARMINGTON, NM 87401

EL PASO FIELD SERVICE
614 RIELLY STREET
FARMINGTON, NM 87401

Project Name EPFS QUARTERLY SAMPLING
Project Number 62800107

Attention: ROBERT THOMPSON/SCOTT POPE

On 03/22/01 Pinnacle Laboratories, Inc., (ADHS License No. AZ0592 pending), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: jt

Enclosure

PINNACLE LABORATORIES

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

CLIENT	: PHILIP ENVIRONMENTAL	PINNACLE ID	: 103060
PROJECT #	: 62800107	DATE RECEIVED	: 03/22/01
PROJECT NAME	: EPFS QUARTERLY SAMPLING	REPORT DATE	: 03/27/01

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
103060 - 01	OHI-0301-MW1	AQUEOUS	03/20/01
103060 - 02	OHI-0301-MW2	AQUEOUS	03/20/01
103060 - 03	OHI-0301-MW3	AQUEOUS	03/20/01
103060 - 04	OHI-0301-MW4	AQUEOUS	03/20/01
103060 - 05	OHI-0301-MW5	AQUEOUS	03/20/01
103060 - 06	TRIP BLANK	AQUEOUS	03/12/01

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : PHILIP ENVIRONMENTAL PINNACLE I.D.: 103060
PROJECT # : 62800107
PROJECT NAME : EPFS QUARTERLY SAMPLING

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	OHI-0301-MW1	AQUEOUS	03/20/01	NA	03/23/01	1
02	OHI-0301-MW2	AQUEOUS	03/20/01	NA	03/23/01	1
03	OHI-0301-MW3	AQUEOUS	03/20/01	NA	03/23/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0301-MW1	OHI-0301-MW2	OHI-0301-MW3
BENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
TOTAL XYLENES	0.5	UG/L	< 0.5	< 0.5	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			97	95	94
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : PHILIP ENVIRONMENTAL
PINNACLE I.D.: 103060
PROJECT # : 62800107
PROJECT NAME : EPFS QUARTERLY SAMPLING

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	OHI-0301-MW4	AQUEOUS	03/20/01	NA	03/23/01	1
05	OHI-0301-MW5	AQUEOUS	03/20/01	NA	03/23/01	1
06	TRIP BLANK	AQUEOUS	03/20/01	NA	03/23/01	1

PARAMETER	DET. LIMIT	UNITS	OHI-0301-MW4	OHI-0301-MW5	TRIP BLANK
BENZENE	0.5	**UG/L**	**1.5**	**16**	< 0.5
TOLUENE	0.5	UG/L	< 0.5	< 0.5	< 0.5
ETHYLBENZENE	0.5	**UG/L**	**4.9**	**37**	< 0.5
[redacted]AL XYLENES	0.5	**UG/L**	**8.0**	**31**	< 0.5
SURROGATE:					
BROMOFLUOROBENZENE (%)			98	111	97
SURROGATE LIMITS	(80 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 103060
BLANK I. D.	: 032301	DATE EXTRACTED	: NA
CLIENT	: PHILIP ENVIRONMENTAL	DATE ANALYZED	: 03/23/01
PROJECT #	: 62800107	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: EPFS QUARTERLY SAMPLING		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		97
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8021 MODIFIED		
MSMSD #	: 032301	PINNACLE I.D.	: 103060
CLIENT	: PHILIP ENVIRONMENTAL	DATE EXTRACTED	: NA
PROJECT #	: 62800107	DATE ANALYZED	: 03/23/01
PROJECT NAME	: EPFS QUARTERLY SAMPLING	SAMPLE MATRIX	: AQUEOUS
		UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	18.1	91	18.4	92	2	(80 - 120)	20
TOLUENE	<0.5	20.0	20.1	101	19.9	100	1	(80 - 120)	20
ETHYLBENZENE	<0.5	20.0	19.8	99	20.9	105	5	(80 - 120)	20
TOTAL XYLENES	<0.5	60.0	54.1	90	56.6	94	5	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PHILIP ENVIRONMENTAL

Chain of Custody Record

103060

4000 Monroe Road
Farmington, NM 87401
(505) 326-2262 Phone
(505) 326-2388 FAX

COC Serial No. C 2861

Project Name EPFS Quarterly Sampling
Project Number 62800107 Phase . Task 0301 . 5
Samplers C. Maez
Laboratory Name PINNACLE
Location ALBQ N.M.

Sample Number (and depth)	Date	Time	Matrix	Total Number of Bottles	Type of Analysis and Bottle: BTEX 8021	Lab ID #	Comments
OHI-0301-MW 1	3-20-01	1045	H_2O	2	X	01	OHIO C. GOUT #3 (72890)
OHI-0301-MW 2	3-20-01	1220	H_2O	2	X	02	OHIO C. GOUT #3 (72890)
OHI-0301-MW 3	3-20-01	1310	H_2O	2	X	03	OHIO C. GOUT #3 (72890)
OHI-0301-MW 4	3-20-01	1131	H_2O	2	X	04	OHIO C. GOUT #3 (72890)
OHI-0301-MW 5	3-20-01	1400	H_2O	2	X	05	OHIO C GOUT #3 (72890)
TRIP BLANK	3-12-01	1510	H_2O	1	X	06	

Relinquished by:

Signature	Date	Time
Chris Maez	3-21-01	1430

Received By:

Signature	Date	Time
Duncan Innis	3/22/01	1000

Samples Iced: ☑ Yes ☐ No

Carrier: Grey Hound Airbill No. GLI 160 665 087 0

Preservatives (ONLY for Water Samples)

- ☐ Cyanide ..... Sodium hyroxide (NaOH)
- ☐ Volatile Organic Analysis ..... Hydrochloric acid (HCl)
- ☐ Metals ..... Nitric acid (HNO_3)
- ☐ TPH (418.1) ..... Sulfuric acid (H_2SO_4)
- ☑ Other (Specify) H_2SO_4
- ☐ Other (Specify) _____

Shipping and Lab Notes:

Recd @ 4°c Ice Present

PE-176 4/95

RECEIVED

AUG 0 3 2001

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

elpaso Field Services

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

El Paso Field Services
614 Reilly Avenue Farmington, New Mexico 87401
tel 505.599.2147

Ohio C Government #3 (Dehy pit)

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 72890 Location: Ohio "C" Government #3 (TD)
Operator #: 5860 Operator Name: Marathon Oil Co P/L District: Angel Peak
Coordinates: Letter: P Section 26 Township: 28 Range: 11
Or Latitude _____ Longitude _____
Pit Type: Dehydrator ___ Location Drip: ✓ Line Drip: ___ Other: _____
Site Assessment Date: 9/14/94 Area: 01 Run: 63

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 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

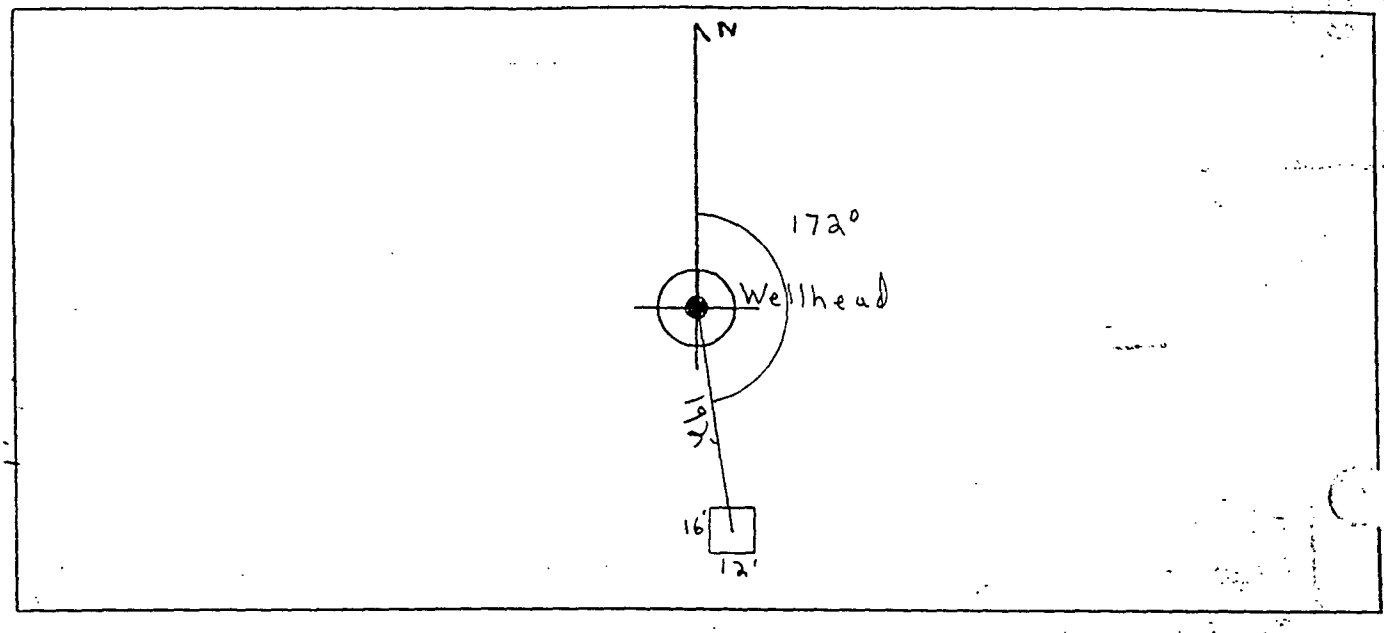
Remarks : Redline Book - Inside Vulnerable Zone Topo - Inside
4 pits. Will close 1. Pit dry. Meter # was obtained by using Coordinates in Redline book. Angel Peak office did not have meter # because well is T.D.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 172° Footage from Wellhead 192'

b) Length : 16' Width : 12' Depth : 4'



REMARKS

Remarks :

Pictures @ 1241

Completed By:

Corey Chase
Signature

9/14/94
Date

FIELD PIT SITE ASSESSMENT FORM

South Pit

Meter: 72-890 Location: MARATHON 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 ☒ (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 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'

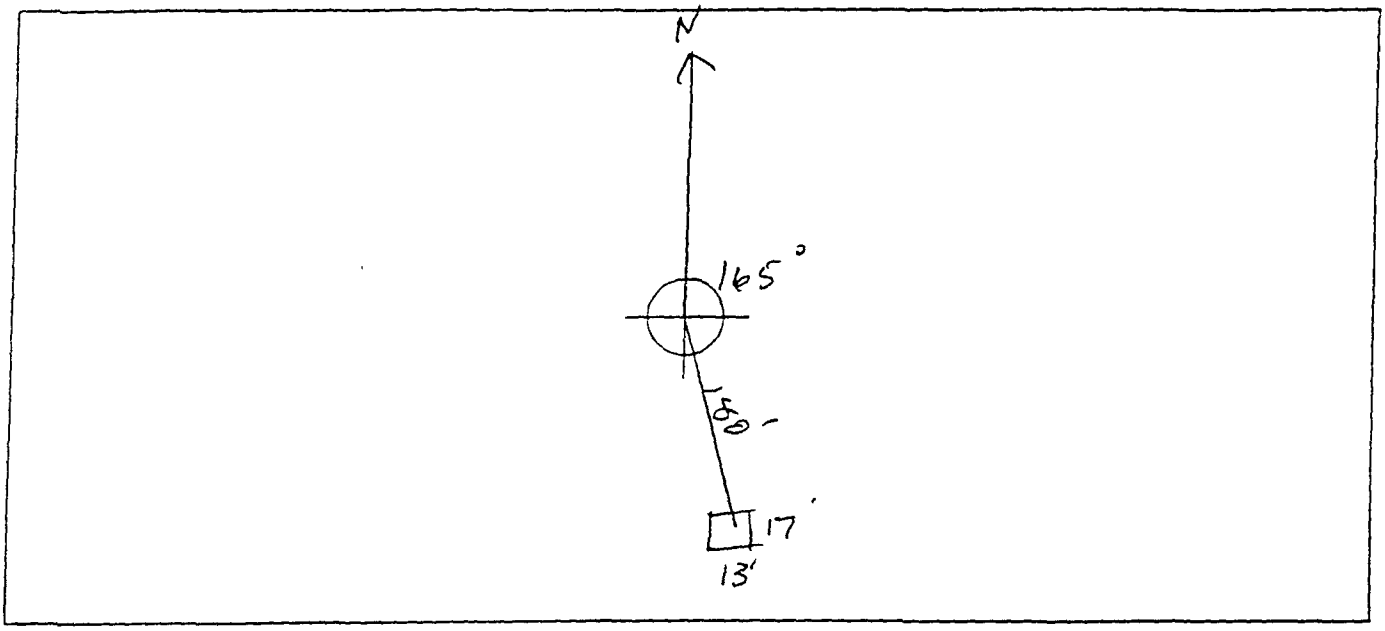
TOTAL HAZARD RANKING SCORE: 40 POINTS

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:

Signature

6-31-95

Date

PHASE I EXCAVATION
PIT 1

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 72890 Location: Ohio "C" Goverment #3 TD

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

Or Latitude _____ Longitude _____

Date Started : 9-23-94 Run: 01 63

FIELD OBSERVATIONS

Sample Number(s): KP 249 _____ _____ _____

Sample Depth: 12' Feet

Final PID Reading 328 PID Reading Depth 12' Feet

	Yes	No
Groundwater Encountered	☐	☒

Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation ☒ Approx. Cubic Yards 50

Onsite Bioremediation ☐

Backfill Pit Without Excavation ☐

Soil Disposition:

Envirotech ☒ Tierra ☐

Other Facility ☐ Name: _____

Pit Closure Date: 9-23-94 Pit Closed By: B.E.I

REMARKS

Remarks : Some Line markers started Remediating to 12' Soil Turned Light gray with a small. At 12' soil still The Same.

Signature of Specialist: Kelly Padilla

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME
# 24324	Pit Closure Project

SAMPLERS: (Signature) Kelly Padilla DATE: 9-23-94

LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS: TPH EPA 418.1	BTEX EPA 8020	LAB PID			SEQUENCE #	REMARKS
	9-23-94	1000	Soil	KP 249	1	VC	X	Y				225	
	9-23-94	1150	Soil	KP 250	1	VC	X	X				226	

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Kelly Padilla	9-23-94 1530	Rhonda Kiess	Rhonda Kiess	9/26/94 1515	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH _____

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

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

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

FM-08-0565 A (Rev. 05

El Paso Natural Gas Company

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 course 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.

rative:

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

DF = Dilution Factor Used

Approved By: John Hadden 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

SOIL OBSERVATIONS

Sample Number(s): 4P56 4P57 _____

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: _____	

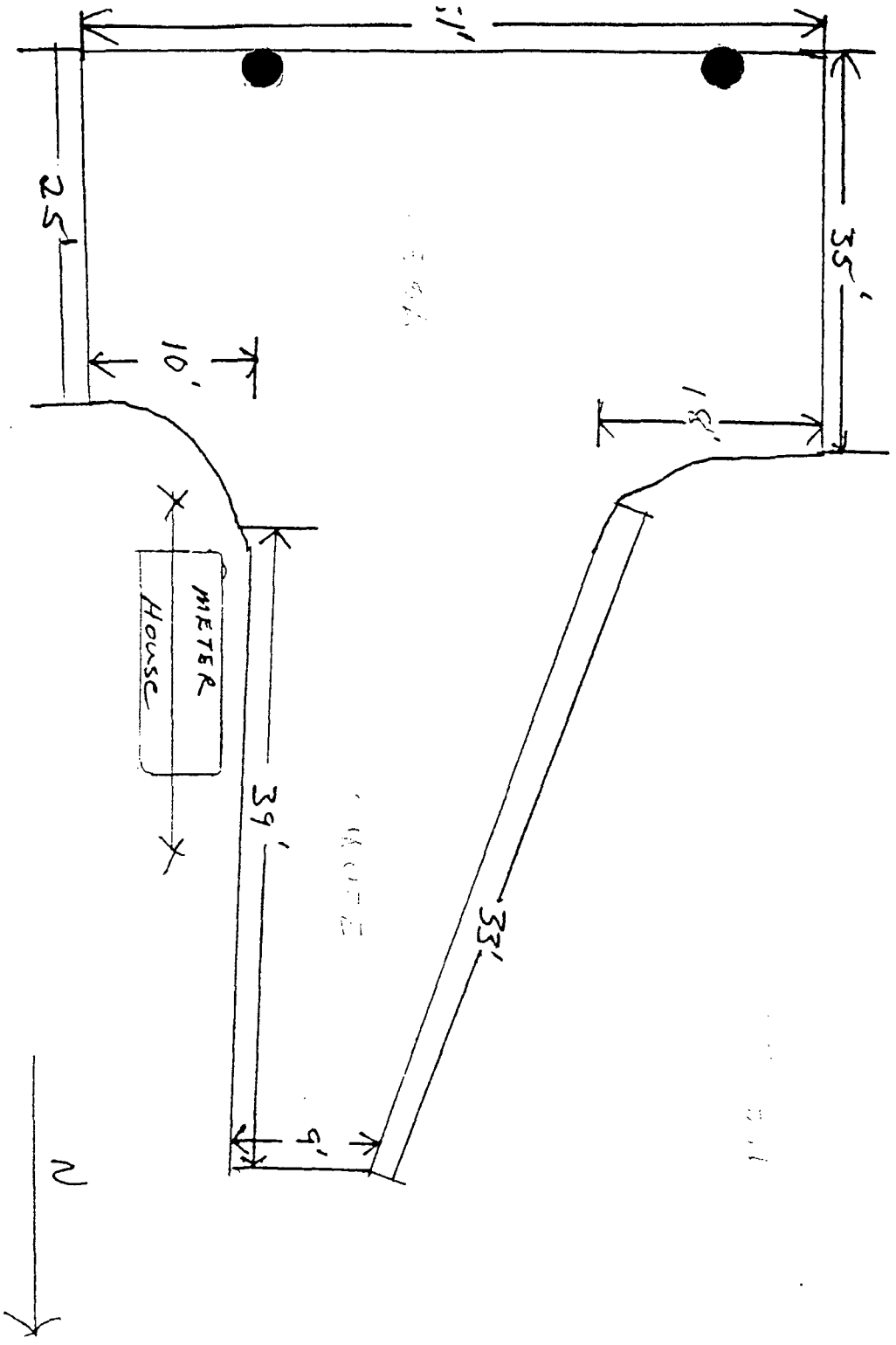
PLEASE CORRECT.

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

REMARKS

Remarks : Phase I Rig 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 ppm East Wall 125 ppm West wall was 156 ppm Used 75 LBS Fertilizer See Back →

Signature of Specialist: James L Lewis


25'
10'
35'
METER
House
39'
33'
9'
N

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	~~BP57~~	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~~ 9/6/95	9/10/95
TYPE | DESCRIPTION:	~~VG~~ 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			2.19	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: JP Date: 9-11-95

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME
# 24324	Pit Closure Project

SAMPLERS: (Signature) James L Powers DATE: 9-1-95

LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS: TPH EPA 418.1	BTEX EPA 8020	LAB PID			SEQUENCE #	REMARKS
	9-1-95	1500	Soil	4P57	1	VC	X	X				51	Ohio C Govt #3 72890 North Pit

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
James L Powers	9-1-95 1400			9/5/95 10:20	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH _____

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

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

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

FM-08-0565 A (Rev. (

PHASE III EXCAVATION
PIT 2

FIELD PIT REMEDIATION/CLOSURE FORM/PHASE II

(2nd Pit)

Meter: 72890 Location: Ohio C Gas Com #3 South 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): 4P58 4P59 _____ _____

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 @ 9/19

Onsite Bioremediation ☐(2)

Backfill Pit Without Excavation ☐(3)

Overburden Cubic Yards 33 @ 9/19

Soil Disposition:

Envirotech ☒(1) ☐(3) Tierra

Other Facility ☐(2) Name: _____

Pit Closure Date: _____ Pit Closed By: Philip Env

Used 100 Lbs of Fertilizer.

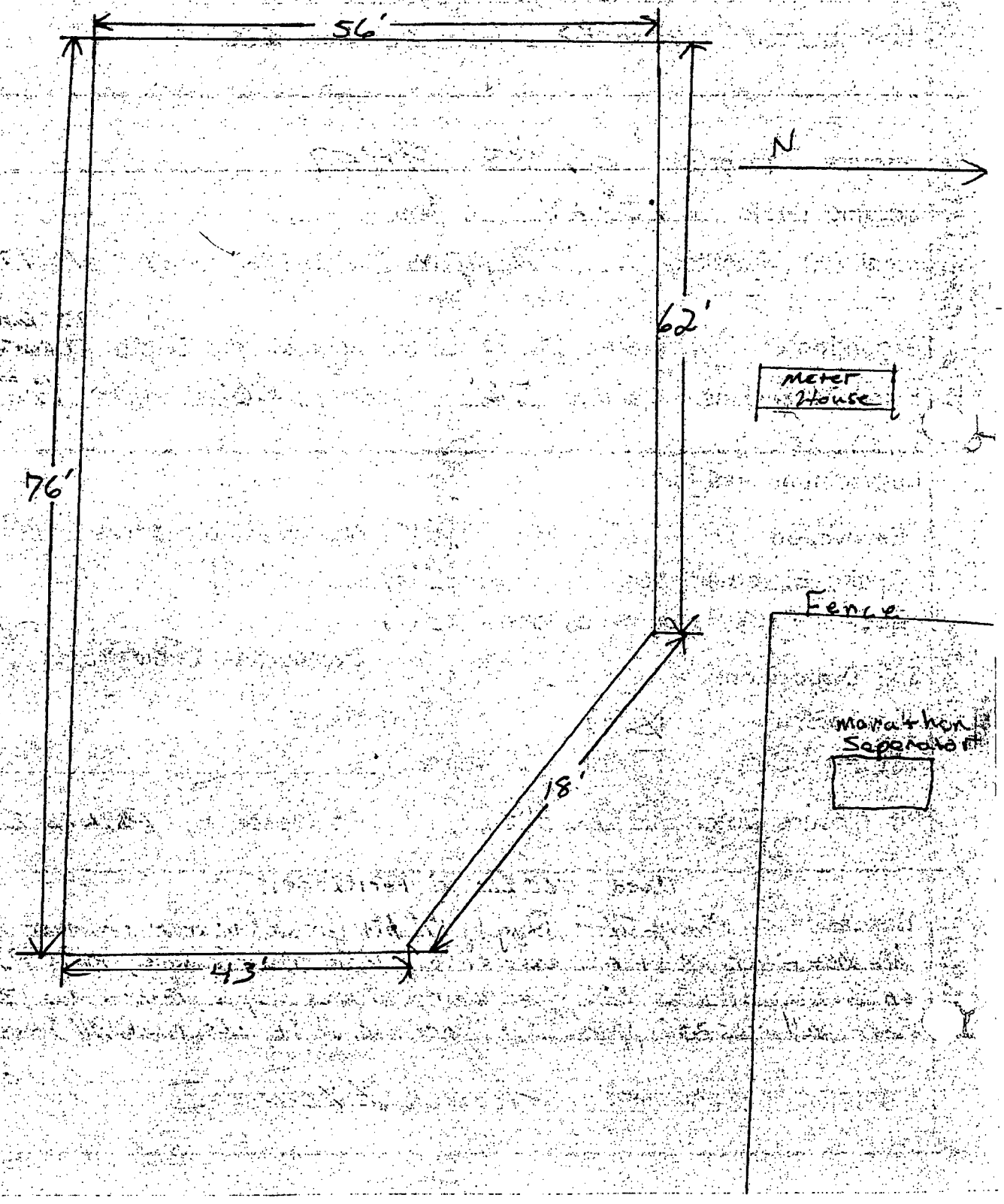
Remarks : Phase II Dug to 17' pit ground water on west side hit water at 13 ft on east side; Took Water sample, took PID South wall was 005 ppm, West wall was 5ppm, Bottom was 3 ppm East wall was 236 ppm No North wall it was Backfill from previous pit.

Signature of Specialist: James L Lowe

over

Dmtw lab 9/19

East wall contaminated starts at approx 7 ft and is approx 3 ft thick. Bottom Sample are 13'-17' Due to surface ground Slope



El Paso Natural Gas Company

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 Laskin Date: 7/8/96

El Paso Natural Gas Company

Phase III Excavation

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME
# 24324	Pit Closure Project

SAMPLERS: (Signature) James L Powell DATE: 9-7-95

LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS: TPH EPA 418.1	BTEX EPA 8020	LAB PID			SEQUENCE #	REMARKS
	9-7-95	1510	Soil	dP59	1	VC	X	X				53	Ohio C Gov't #3 72890 South P (1 not F

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
James L Powell	9-7-95 1700	Judi Dodd	Judi Dodd	9/8/95 9:35	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

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

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

FM-08-0565 A (Rev. 0

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

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 95210 Location: ANDERSON GAS COM A #1 CH

Operator #: 0203 Operator Name: AMOCO P/L District: BLOOMFIELD

Coordinates: Letter: C Section 28 Township: 29 Range: 10

Or Latitude _____ Longitude _____

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

Site Visit Date: 4.12.94 Run: 10 42

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps)
- Inside Vulnerable Zone ☒
- Outside ☐

Land Type:
- BLM ☐
- State ☐
- Fee ☒
- 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 SAN JUAN RIVER

(Surface Water Body : Perennial Rivers,Major Wash,Streams,Creeks, Irrigation Canals,Ditches,Lakes,Ponds)

TOTAL HAZARD RANKING SCORE: 40 **POINTS**

REMARKS

Remarks : THREE PITS ON LOCATION. WILL CLOSE TWO OF THEM. PITS ARE DRY. LOCATION HAS A CH AND PC SIDE. IT IS LOCATED NEXT TO THE SAN JUAN RIVER.

PHASE I EXCAVATION

FIELD PIT 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	[X] (1)	[ ] (2)	Approximate Depth 6' Feet

CLOSURE

Remediation Method :

Excavation	[X] (1)	Approx. Cubic Yards 25
Onsite Bioremediation	[ ] (2)	
Backfill Pit Without Excavation	[ ] (3)	

Soil Disposition:

Envirotech	[ ] (1)	[X] (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 OCD For we could close Pit. OCD Bill olson OKayed to close up Pit.

Signature of Specialist: Kelly Padilla

(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:	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	<0.50	MG/KG				
TOLUENE	<0.50	MG/KG				
ETHYL BENZENE 2.9	~~<0.50~~	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:
I Results attached. Surrogate recovery was outside AT I QC limit. due to matrix interference.

DF = Dilution Factor Used

Approved By: John Sandi Date: 5/21/94

EL PASO Natural Gas Company

CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NUMBER	PROJECT NAME	SAMPLERS: (Signature)	DATE
	Pit Closure Project # 24324	Kelly Padilla	4/29/94

LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1	BTEX EPA 8020				SEQ #	REMARKS
	4/29/94	1015	Soil	KP #7	1	VG	X	X				5	GW at 8'
	4/29/94	1300	Soil	KP #8	1	VG	X	X				6	GW at 8'
	4/29/94	1326	Soil	KP #9	1	VG	X	X				7	GW at 6'
	4/29/94	1445	Soil	KP #10	1	VG	X	X				8	

REQUESTED ANALYSIS

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Kelly Padilla	4/29/94 1610	Ann T. Pope 30°F	Ann T. Pope	5/2/94 1005	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

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

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

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): MK543 _____ _____ _____

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)

Overburden Cubic Yards 40

Soil Disposition:

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 wate Flowing From Used 1/2 gallon of Hydrogen Peroxide 30%

Signature of Specialist: Mozza Killion

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page ____ of ____

PROJECT NUMBER	PROJECT NAME
# 24324	Pit Closure Project

SAMPLERS: (Signature) Morgan Killion

DATE: 10-22-96

LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS: TPH EPA 418.1	BTEX EPA 8020	LAB PID			SEQUENCE #	REMARKS
947949	10-22-96	0940	Soil	MK543	1	VC	X	X				34	Anderson Gas Com A #1 CA 95210

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Morgan Killion 10-23-96	340 1150	Kelly Sewall	Kelly Sewall	390 10-25-96 11:15	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)
				10-25-96 1115	Marla Armenta

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

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

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

FM-08-0565 A (Rev 05-94)

EPFS

EL PASO FIELD SERVICES
FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK543	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 11/4/96
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~~ 10/30/96	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 113 % for this sample All QA/QC was acceptable.
rative:

= Dilution Factor Used

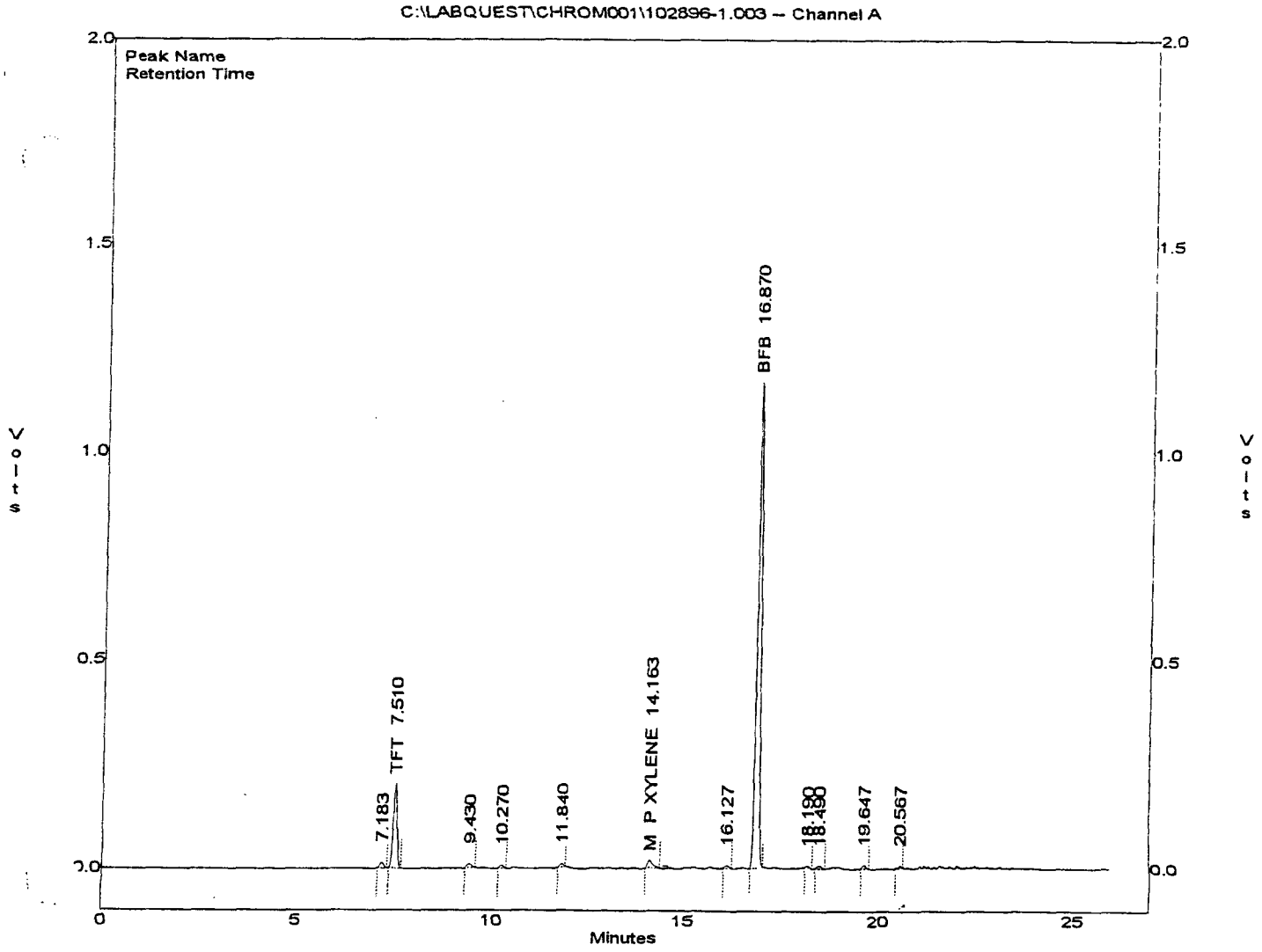
roved By: _____ INGVZPIT.XLS Date: 10/30/96

EL PASO NATURAL GAS
EPA METHOD 8020 - BTEX SOILS

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
****

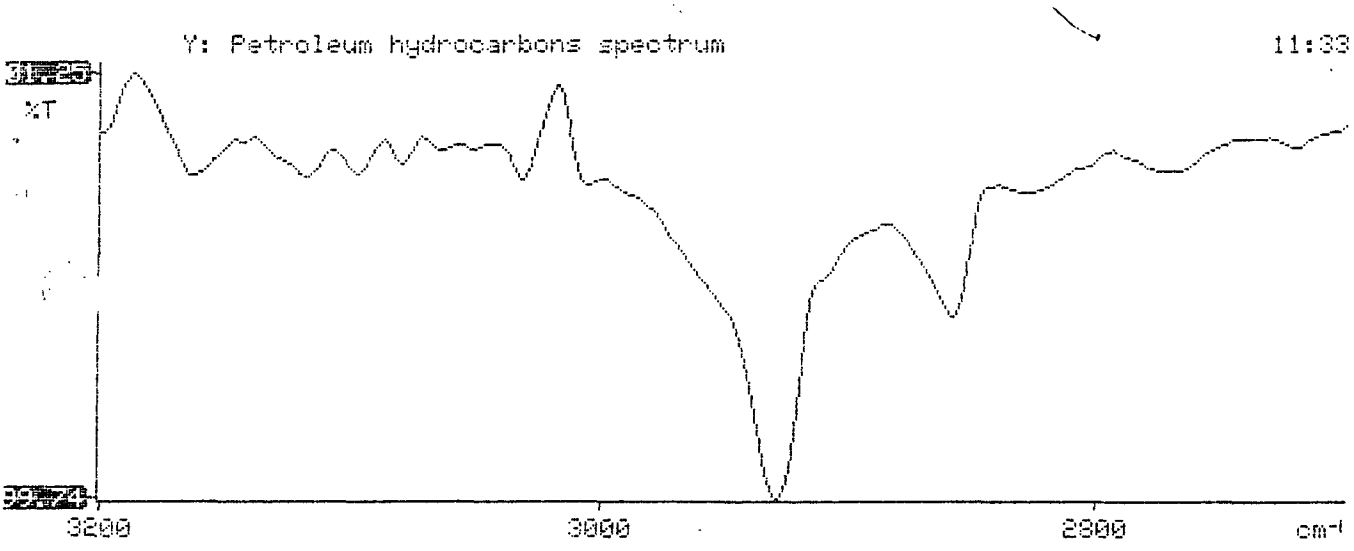
96/10/28 11:33

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



elpaso Field Services

July 11, 2001

Mr. L. Peter Galusky, Jr., Ph. D.
Marathon Oil Company
125 W. Missouri
Midland, Texas 79702-0552

RE: 2nd Quarter 2001 Analytical Results from the Ohio C Government #3

Dear Mr. Galusky:

Please find the enclosed laboratory analytical results for the June 25, 2001 sampling of monitoring wells MW-01 – MW-05 at the Ohio C Government #3 site. This represents the second quarter sampling event for the year 2001.

If you have any questions concerning the enclosed laboratory report, please call me at (505) 599-2124.

Sincerely,

Scott T. Pope P.G.
Senior Environmental Scientist
Environmental Remediation Department

Enclosure: as stated

Cc: Ohio C Government #3 file

El Paso Field Services
614 Reilly Avenue Farmington, New Mexico 87401
tel 505.599.2147

EL PASO FIELD SERVICES

Certified Mail: **#Z 213 707 666 (Box 1 of 2)**
#Z 213 707 664 (Box 2 of 2)

March 24, 2000

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

RE: 1999 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 locations that were identified during our pit closure project of 1994 / 1995.

Of the 32 reports, EPFS hereby requests closure of 4 of these locations. The 4 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".

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".

EPFS has also included for your information five Navajo sites in a separate binder and a separate report for the Bisti Flare Pit #1.

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

Sincerely,

Scott T. Pope P.G.
Senior Environmental Scientist

xc: Mr. Denny Foust, NMOCD, Aztec - w / enclosures; **Certified Mail # Z 213 707 667**
Mr. Bill Liesse, BLM – w / enclosures; **Certified Mail # Z 213 707 668**
Mr. John Jaquez, - w / Jaquez enclosures; **Certified Mail # Z 213 707 669**
Ms. Charmaine Tso, Navajo EPA – w / enclosures; **Certified Mail # Z 213 707 670**

bc: J. A. Lambdin w / enclosures
Philip Services Corp. – Cecil Irby, w / o enclosures
B. B. McDaniel / 24321 – NMOCD Regulatory w / o

SAN JUAN BASIN PIT CLOSURES
San Juan Basin, New Mexico

El Paso Field Services Pit Project Groundwater Report
Annual Report

RECEIVED
MAR 2 9 2000
ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

March 2000

Prepared For

El Paso Field Services
Farmington, New Mexico

Project 62800158

PSC
PHILIP SERVICES
CORP.

EPFS GROUNDWATER PITS
1999 ANNUAL GROUNDWATER REPORT

OHIO C GOVT #3
Meter/Line ID - 72890

SITE DETAILS

Legals - Twn: 28N **Rng:** 11W **Sec:** 26 **Unit:** P
NMOCD Hazard Ranking: 40 **Land Type:** FEDERAL
Operator: MARATHON OIL COMPANY

PREVIOUS ACTIVITIES

Site Assessment: Sep-94 **Excavation:** Sep-94 (50 cy) **Soil Boring:** Sep-95
Re-Excavation: Sep-95 (1,098 cy) **Geoprobe:** Oct-96 **Monitor Well:** May-97
Quarterly Sampling Initiated: June-97 **Submitted for Closure:** March-99

1999 ACTIVITIES

Quarterly Groundwater Monitoring - Quarterly groundwater was discontinued in March 1998 because over 4 clean quarters have been recorded.

SUMMARY TABLES

Groundwater analytical data for 1998 are presented in Table 1.

SITE MAP

A site map is presented as Figure 1.

GEOLOGIC LOGS AND WELL COMPLETION DIAGRAMS

EPFS did not conduct drilling activities at this site in 1999.

DISPOSITION OF GENERATED WASTES

There were no wastes generated at this site in 1999.

ISOCONCENTRATION MAPS

BTEX parameters were below regulatory standards and isoconcentration maps were not generated.

CONCLUSIONS

Groundwater samples collected from MW-1 have been below NMWQCC Standards for BTEX for four consecutive quarters.

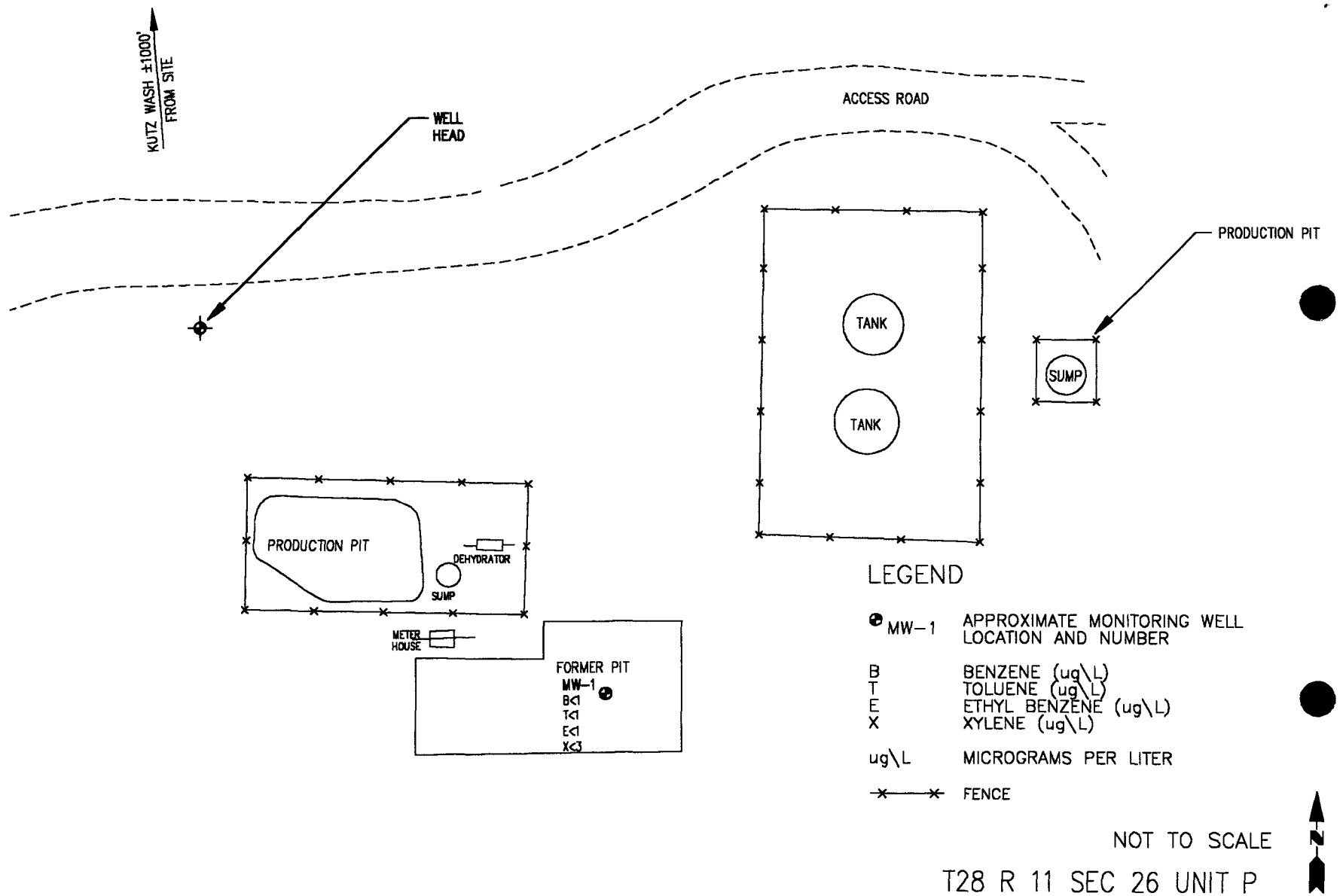
Pertinent data from the 1997 groundwater report includes the following: Groundwater levels collected from Geoprobe data indicate that groundwater flows to the west on this site. The highest concentrations of contaminants were from groundwater samples collected cross-gradient and down-gradient of the operators production pit.

EPFS has excavated approximately 1,150 cubic yards of contaminated soil from the former pit, and has removed the majority of the source, as evident by four clean quarters of groundwater samples.

EPFS is cooperating with Marathon in ongoing investigations at this location. All data generated by EPFS has been supplied to the operator. Marathon has installed more monitor wells at the location. EPFS is waiting for the monitoring well data.

RECOMMENDATIONS

- EPFS proposes to conduct no further action at this site with regards to MW-1.
- EPFS will continue to work with the operator of this site.
- Following OCD approval for closure, MW-1 will be abandoned using OCD abandonment procedures.



PSC

TITLE:

OHIO C GOVERNMENT #3
METER 72890
MARCH 25, 1998

DWN:	DES.:
TMM	CI
CHKD:	APPD:
CI	
DATE:	REV.:
2/26/99	0

PROJECT NO.: 17520
EPFS GW PITS

FIGURE 1

COL 17520D-002

TABLE 1

Sample #	Meter/ Line #	Site Name	Sample Date	MW #	Project	Benzene (PPB)	Toluene (PPB)	Ethyl Benzene (PPB)	Total Xylenes (PPB)	Total BTEX
970487	72890	Ohio C Govt #3 (MARATHON)	05/22/97	1	Phase II Drilling	< 1	< 1	< 1	< 3	< 6
970606	72890	Ohio C Govt #3 (MARATHON)	06/26/97	1	Sample 4 - 1st Quarter	< 1	< 1	< 1	< 3	< 6
970979	72890	Ohio C Govt #3 (MARATHON)	09/12/97	1	Sample 4 - 2nd Quarter	< 1	< 1	< 1	< 3	< 6
971272	72890	Ohio C Govt #3 (MARATHON)	12/05/97	1	Sample 4 - 3rd Quarter	< 1	< 1	< 1	< 3	< 6
980262	72890	Ohio C Govt #3 (MARATHON)	03/27/98	1	Sample 4 - 4th Quarter	< 1	< 1	< 1	< 3	< 6

EL PASO ENERGY

FEB 2 2 2000

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,

Scott T. Pope P.G.
Environmental Scientist

xc: Mr. Denny Foust, NMOCD – Aztec

El Paso Energy Corporation 614 Reilly Avenue Farmington, New Mexico 87401 Phone (505) 325-2841 Fax (505) 599-2119

EL PASO
FIELD SERVICES

FEB 1 0 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,

Scott T. Pope P.G.
Environmental Scientist

xc: Mr. Denny Foust, NMOCD – Aztec

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 9, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-235-437-306

Mr. Barry Schatz
Marathon Oil Company
P.O. Box 552
Midland, Texas 79702-0552

RE: OHIO "C" GOVERNMENT #3 WELL SITE
SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Schatz:

The New Mexico Oil Conservation Division's (OCD) November 30, 1995 approval of Marathon Oil Company's (MOC) San Juan Basin Ground Water Investigation Work Plan required that MOC submit an annual report on investigation and remedial activities at all MOC ground water sites to the OCD by October 1 of each year. A review of OCD files shows that the OCD has not received any information since 1995 regarding ground water remediation and monitoring activities at MOC's Ohio "C" Government #3 well site located in Unit P, Section 26, T28N, R11W or any other site. In addition, information in El Paso Field Services (EPFS) recent annual ground water monitoring report shows an apparent commingling of contaminated waters from EPFS's former unlined dehy pit and MOC's former unlined production pit.

Therefore, the OCD requests that MOC cooperate with EPFS to investigate and remediate ground water contamination at the Ohio "C" Government #3 well site. The OCD also requires that MOC submit the previously required annual reports for the San Juan Basin which contain all of the investigation and remediation information required in the OCD's November 30, 1995 approval of MOC's San Juan Basin Ground Water Investigation Work Plan. The reports will be submitted to the OCD Santa Fe Office by September 4, 1998 with a copy provided to the OCD Aztec District Office.

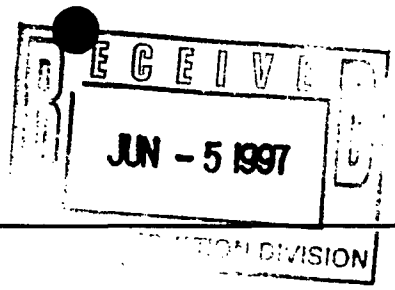
If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Sandra D. Miller, El Paso Field Services

EL PASO
FIELD SERVICES



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.

Ricky D. Cosby
Compliance Specialist

cc: Denny Foust - Aztec District

Location/Line Name	LTR	Sec	TN	RG	Monitor Well Status	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'-6'	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'-6'	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	26	29	12		PZ1 in center of pit below standards.	6'-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	26	08	+1	MW1 installed 05/06/97. Develop and sample MW1.	14'	No
Ramenta 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

Location/Line Name	LTR	Sec	TN	RG	Monitor Well Status	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	06	+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.	22'-25'	No
Ohio C. Govt. #3	P	26	28	11		Install MW1 and sample quarterly.	6'-16'	No
NICKLES #1	K	11	31	13	+1	MW1 Developed and sampled 03/28/97. Evaluate Data.	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.	6'-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	26	07	+1	MW1 Developed and sampled 04/16/97. Evaluate Data.	6'-9'	No

Location/Line Name	LTR	Sec	TN	RG	Monitor Well Status	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	26	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.	6'-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	6'-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

Location/Line Name	LTR	Sec	TN	RG	Monitor Well Status	Status	Depth to GW	Product Level
K-27 LINE DRIP	E	04	25	06	+1	Establish gradient with well points.	40'	No
LAT 0-21 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

Location/Line Name	LTR	Sec	TN	RG	Monitor Well Status	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

Location/Line Name	LTR	Sec	TN	RG	Monitor Well Status	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.	46.3'--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 samples	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.	24.5'-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								