3R - 219

REPORTS

DATE:

July 1997

EL PASO
FIELD SERVICES

November 5, 1997

Certified Mail
Return Receipt Nos. P 532 649 088
P 532 649 089

RECEIVED
NOV 1 1 1997
Environmental Bureau
Oil Conservation Division

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

Re: Request for Closure of Eleven Groundwater Locations

Dear Mr. Olson:

I have enclosed closure packages for eleven groundwater locations that were identified during our pit closure project. El Paso Field Services (EPFS) hereby requests your review and approval for closure of these sites.

I have included a summary listing of the eleven locations. If you have any questions regarding this information, please call me at 505/599-2141.

Sincerely,

Sandra D. Miller
Environmental Manager

xc: Mr. Bill Liesse, BLM w/o enclosures
Mr. Denny Foust, NMOCD - Aztec w/enclosures

Groundwater Locations
Request for Closure, 11/97

Meter/Line #	Location/Line Name	LTR	Sec	TN	RG	Land Type
74943	NM COM G1	P	36	30	10	1 - State
LD102	2C-22 #1 LINE DRIP	N	35	24	06	2 - Federal
94180	SALAZAR G 34-1	K	34	25	06	2 - Federal
89230	JOHNSTON FEDERAL #3A	I	12	30	09	2 - Federal
73079	Mae Gail Com #1	E	24	29	11	4 - Fee
70862	MCGRATH #1	F	07	30	11	4 - Fee
93156	MARY ACKROYD #1	J	18	30	11	4 - Fee
93828	JACQUEZ #3	E	25	30	09	4 - Fee
94984	ANDERSON GAS COM A#1 PC	C	28	29	10	4 - Fee
93296	GALLEGOS CANYON UNIT 188E	B	30	29	12	4 - Fee
93462	GALLEGOS CANYON UT 145 E	D	26	29	12	4 - Fee

filed individually in case files

SAN JUAN BASIN PIT CLOSURES
San Juan Basin, New Mexico

Pit Closure Report

July 1997

Prepared For

El Paso Field Services
Farmington, New Mexico

Project 17520

PHILIP ENVIRONMENTAL

Closure Checklist

Meter Code 93156

Summary	☑
Site Map	☑
Site Assessment Sheet	☑

Phase I Excavation Yes

closure form	☑
soil analytical results	☑
soil chain-of-custody	☑
groundwater analytical results	☐
groundwater chain-of-custody	☐

Phase II Soil Boring Yes

boring log	☑
soil analytical results	☐
soil chain-of-custody	☐
well installation form	☐
development form	☐
groundwater analytical	☐
groundwater chain-of-custody	☐

Phase III Excavation ____

closure form	☐
soil analytical results	☐
soil chain-of-custody	☐
groundwater analytical	☐
groundwater chain of-custody	☐

Recon/Geoprobe performed Yes

groundwater analytical	☑
soil-gas analytical	☐

If item boxes are not checked they are not applicable

PHILIP ENVIRONMENTAL

Environmental Services Group
Southern Region

Mary Ackroyd #1
Meter Code 93156

Pit was excavated to 12 feet beneath ground surface. The headspace soil reading from excavation bottom was 1 part per million. Soil analytical were as follows; benzene - <0.5 mg/kg, total BTEX - <3 mg/kg, TPH - 272 mg/kg.

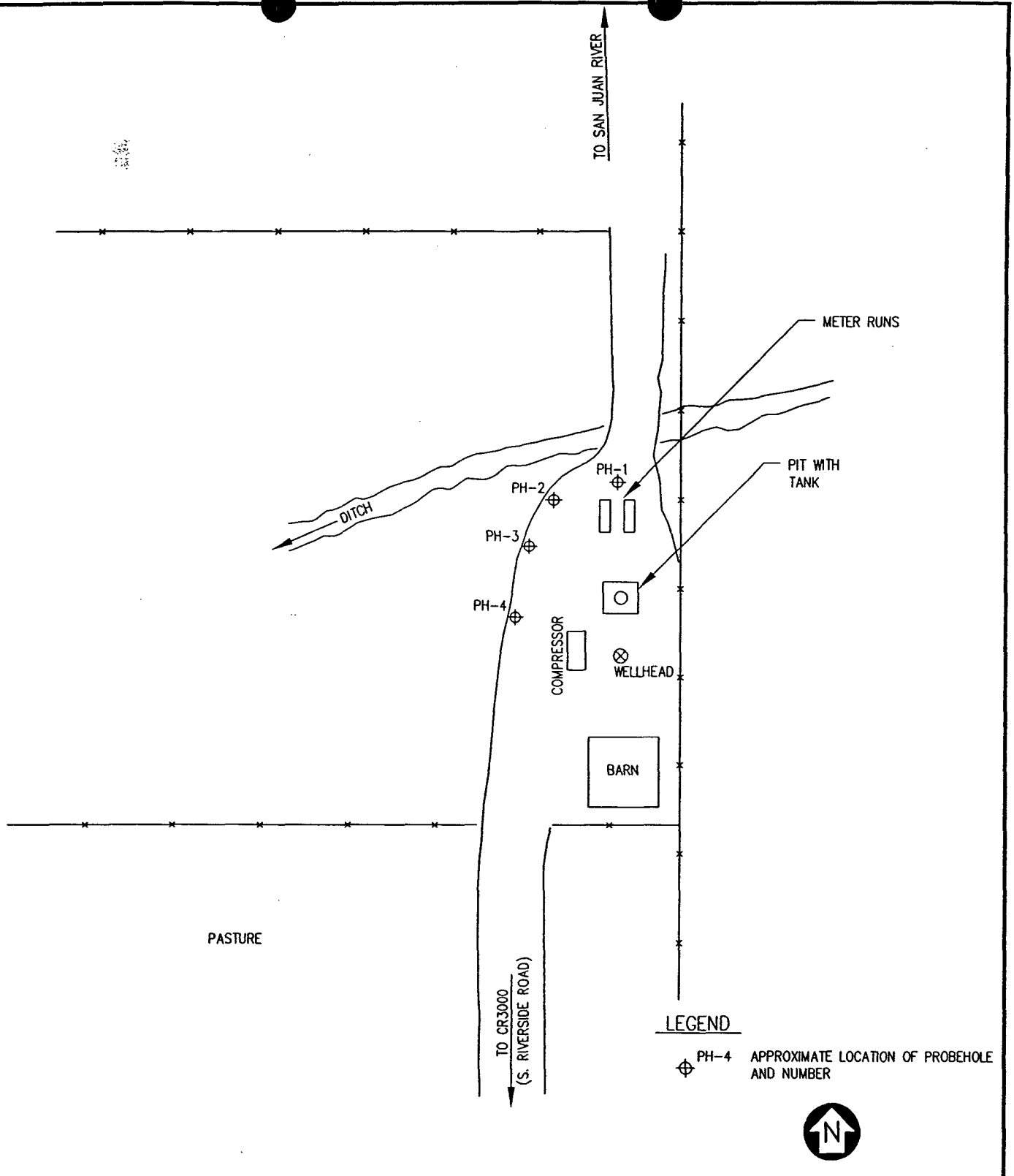
One soil boring was completed and no monitoring well installed. Groundwater was encountered at 3.3 feet. No soil or groundwater samples were collected.

A Geoprobe survey was conducted and four groundwater samples were collected between the pit and valley bottom. The analytical results are as follows; PH-01 benzene - <1 ug/L, toluene - <1 ug/L, ethylbenzene - <1 ug/L, xylenes - <3 ug/L, PH-02 benzene - <1 ug/L, toluene - <1 ug/L, ethylbenzene - <1 ug/L, xylenes - <3 ug/L, PH-03 benzene - <1 ug/L, toluene - <1 ug/L, ethylbenzene - <1 ug/L, xylenes - <3 ug/L, PH-04 benzene - <1 ug/L, toluene - <1 ug/L, ethylbenzene - <1 ug/L, xylenes - <3 ug/L.

This site is ready for closure based on the following:

- Excavation soil analytical were below on benzene and total BTEX.
- Geoprobe groundwater analytical were below standards on all samples.

PHILIP ENVIRONMENTAL SERVICES CORPORATION
4000 Monroe Road ◦ Farmington, NM 87401
(505) 326-2262 ◦ Fax (505) 326-2388



NOTE: THIS FIGURE WAS PREPARED USING A SITE SKETCH MADE BY C.M. CHANCE, PHILIP ENVIRONMENTAL.

PHILIP ENVIRONMENTAL

NO.	REVISION	BY	APPR.	DATE
1	GENERAL REVISIONS	M.R.W.		4/29/97

TITLE:

SITE PLAN
MARY ACKROYD #1 93156
T30-R11-S18-J

SCALE	NONE	DATE
DWN:	M.R.W.	4/28/97
DES:		
CHKD:		
APPD:		

PROJECT NO: 17520
EPFS PITS
BLOOMFIELD, NM

FIGURE 1

REV: 1

COL. J:\17520\CHK\CL2-1

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 93156 Location: MARY ACKROYD #1
Operator #: _____ Operator Name: MANANA GAS P/L District: KUTZ
Coordinates: Letter: J Section 18 Township: 30 Range: 11
Or Latitude _____ Longitude _____
Pit Type: Dehydrator ___ Location Drip: X Line Drip: ___ Other: _____
Site Assessment Date: 12-12-99 Area: 02 Run: 71

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 ANIMAS RIVER
(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)
Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 30 **POINTS**

REMARKS

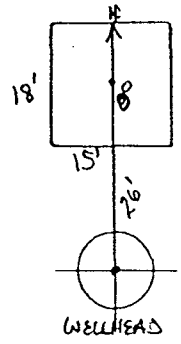
Remarks : REDLINE & TOPO SHOW LOCATION INSIDE V.Z. TWO PITS ON LOCATION— ONE BELONGS TO OPERATOR. EPNG HAS THE LOCATION DRIP PIT. PIT HAS A STEEL TANK IN IT. MAY CLOSE PIT.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 0° Footage from Wellhead 26'

b) Length : 18' Width : 15' Depth : 2'



REMARKS

Remarks :

PHOTOS - 1214

Completed By:

Robert Thompson
Signature

12-12-94
Date

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 93156 Location: Mary Ackroyd #1

Coordinates: Letter: J Section 18 Township: 30 Range: 11

Or Latitude _____ Longitude _____

Date Started : 1-4-95 Run: 02 71

FIELD OBSERVATIONS

Sample Number(s): KP372 _____ _____ _____

Sample Depth: 12' Feet

Final PID Reading 001 PID Reading Depth 12' Feet

	Yes	No
Groundwater Encountered	☐	☒

Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation	☒	Approx. Cubic Yards 20
Onsite Bioremediation	☐	
Backfill Pit Without Excavation	☐	

Soil Disposition:

Envirotech	☐	☒	Tierra
Other Facility	☐	Name:	_____

Pit Closure Date: 1-4-95 Pit Closed By: B.E.I

REMARKS

Remarks : Some Little markers. started Remediating to 12' soil dark Black Like swamp. AT 12' soil Turned Light Brown NO ordor. closed pit.

Signature of Specialist: Kelly Pedill

(SP3191) 03/16/94

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP372	946554
MTR CODE | SITE NAME:	93156	Mary Ackroyd #1
SAMPLE DATE | TIME (Hrs):	1/4/95	900
PROJECT:	Phase I	
DATE OF TPH EXT. | ANAL.:	1/12/95	1/12/95
DATE OF BTEX EXT. | ANAL.:	1/8/95	1/8/95
TYPE | DESCRIPTION:	VC	Dark brown 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	MG/KG				
TPH (418.1)	272	MG/KG			1.99	28
HEADSPACE PID	1	PPM				
PERCENT SOLIDS	86.2	%				

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

The Surrogate Recovery was at 93.6 for this sample All QA/QC was acceptable.

Narrative:

DF = Dilution Factor Used

Approved By: John Sanders INGVZPIT.XLS Date: 2-22-95

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME
# 24324	Pit Closure Project

SAMPLERS: (Signature) Kelly Padilla DATE: 1-4-95

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
946554	1-4-95	0900	soil	KP372	1	VC	X	X				337	soil Looked good.

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Kelly Padilla	1-4-95 1430	Brenda Kiess	Brenda Kiess	1/6/95 1340	
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. 05-94)

\LITY CONTROL REPORT
by Modified 418.1 by Infrared

Date of Analysis: January 12, 1995

12 Pit Samples
1 SJRP Landfarm

LABORATORY CONTROL SAMPLES: CALIBRATION CHECKS

SAMPLE ID	SOURCE	TRUE VALUE (PPM)	FOUND (MG/KG)	%R	ACCEPTABLE RANGE 75-125 %R YES	NO
INITIAL CALIBRATION VERIF. "B" Heavy Oil (Lot M3G9616)	HORIBA	100	89	89	X	

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT (S)MG/KG	DUPLICATE RESULT (D)MG/KG	RPD	ACCEPTABLE RANGE + / - 35% YES	NO
946554	2nd Extract	272	302	10.5	X	
946559	2nd Extract	947	1030	8.4	X	

Narrative : Acceptable.

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED (SA)MG/KG	SAMPLE RESULT (S)MG/KG	SPIKE SAMPLE RESULT (SR)MG/KG	%R	ACCEPTABLE RANGE 75-125 %R YES	NO
946554	3020	272	3770	116	X	
946559	2760	947	4120	115	X	

Narrative: Acceptable.

REFERENCE SOIL (Laboratory Control Sample):

SAMPLE ID	SOURCE	KNOWN VALUE (MG/KG)	SAMPLE RESULT FOUND (MG/KG)	MFG SPECIFIED RANGE	ACCEPTABLE YES	NO
ERA TPH STANDARD #1 LOT # 91026	ENVIRONMENTA RESOURCE ASS.	1340	1660	804 - 1680	X	
ERA TPH STANDARD #2 w/int LOT # 91026	ENVIRONMENTA RESOURCE ASS.	2590	3230	1550 - 3240	X	

Narrative: Acceptable.

LABORATORY REAGENT BLANK:

SAMPLE ID	SOURCE	TPH LEVEL (MG/KG)	STATUS
Freon Solvent	EPNG Lab	<10.0	ACCEPTABLE
Reagent Blank	EPNG Lab	<10.0	ACCEPTABLE

Narrative: Acceptable.

Extracted: 01/12/95

Approved By: John Sabah Date: 21-Feb-95

BTEX
1-8-95

Analytical Technologies, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. **501312**

January 10, 1995

El Paso Natural Gas
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On **01/06/95**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** sample(s). The sample(s) 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.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure

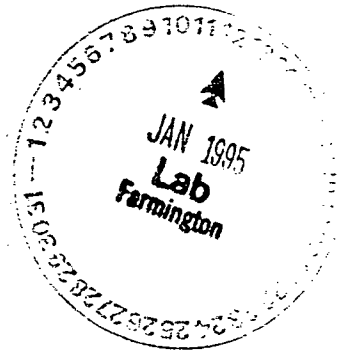
JAN 1995
Lab
Farmington

Analytical Technologies, Inc.

CLIENT	: EL PASO NATURAL GAS	DATE RECEIVED	: 01/06/95
PROJECT #	: 24324		
PROJECT NAME	: PIT CLOSURE	REPORT DATE	: 01/10/95

ATI ID: 501312

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	946553	NON-AQ	01/03/95



---TOTALS---

MATRIX	#SAMPLES
NON-AQ	1

ATI STANDARD DISPOSAL PRACTICE

Soil samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT	: EL PASO NATURAL GAS	ATI I.D.	: 501312
PROJECT #	: 24324	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: PIT CLOSURE	UNITS	: MG/KG

PARAMETER	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC.	% REC
PETROLEUM HYDROCARBONS	50131201	<20	<20	NA	190	150	127

1-13-96

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

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

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

REAGENT BLANK

TEST	: BTEX (EPA 8020)	ATI I.D.	: 501312
BLANK I.D.	: 010695	MATRIX	: NON-AQ
CLIENT	: EL PASO NATURAL GAS	DATE EXTRACTED	: 01/06/95
PROJECT #	: 24324	DATE ANALYZED	: 01/09/95
PROJECT NAME	: PIT CLOSURE	DILUTION FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025
SURROGATE:		
BROMOFLUOROBENZENE (%)		106

Accepted
1-13-95

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST	: BTEX (EPA 8020)		
MSMSD #	: 50131201	ATI I.D.	: 501312
CLIENT	: EL PASO NATURAL GAS	DATE EXTRACTED	: 01/06/95
PROJECT #	: 24324	DATE ANALYZED	: 01/06/95
PROJECT NAME	: PIT CLOSURE	SAMPLE MATRIX	: NON-AQ
REF. I.D.	: 50131201	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.025	1.0	0.84	84	0.83	83	1
TOLUENE	<0.025	1.0	0.91	91	0.91	91	0
ETHYLBENZENE	<0.025	1.0	0.93	93	0.93	93	0
TOTAL XYLENES	<0.025	3.0	2.8	93	2.8	93	0

1-13-95

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

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

Analytical Technologies, Inc., Albuquerque, NM

San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

CHAIN OF CUSTODY

DATE: 1-5-95 PAGE 1 OF 1

ATI LAB I.D. 50/912

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: JOHN LAMBDIN

COMPANY: EL PASO NATURAL GAS
ADDRESS: P.O. BOX 4990
FARMINGTON, NM 87499
PHONE: (505) 599-2144
FAX: (505) 599-2261

BILL TO: SAME AS ABOVE
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	Diesel (MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	BETX (8020)	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER CONTAINERS
946553	1/3/95	1335	soil	01	X				X																1

PROJECT INFORMATION

PROJ. NO.: 24324
PROJ. NAME: PIT CLOSURE
P.O. NO.: 38822
SHIPPED VIA: FEDERAL EXPRESS

SAMPLE RECEIPT

NO. CONTAINERS: 1
CUSTODY SEALS: (Y) N / NA
RECEIVED INTACT: Y
RECEIVED COLD: Y 10C

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments:

CHARGE CODE: 50% 108-51570-24-(0001-(0012-31-2010 7210
50% 108-52452-24-(0001-(0012-31-2010 7210

QA/QC ON PROJECT SAMPLES

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature: Kim Kirby	Signature:
Time:	Time: 1445	Time:
Printed Name:	Printed Name: Kim Kirby	Printed Name:
Date:	Date: 1-5-95	Date:
Company:	Company: EL PASO NATURAL GAS	Company:
Phone:		

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY:(LAB) 3.
Signature:	Signature:	Signature:
Time:	Time:	Time: 1000
Printed Name:	Printed Name:	Printed Name: Dianne Luther
Date:	Date:	Date: 1/6/95
Company:	Company:	Analytical Technologies, Inc.

DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

Phase II Soil Boring

RECORD OF SUBSURFACE EXPLORATION

Borehole # BH-1
Well #
Page 1 of 1

PHILIP ENVIRONMENTAL
4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Project Name EPNG PITS
Project Number 14509 Phase 6000 77
Project Location Mary McKenzie #1 93156

Elevation
Borehole Location OJ - S 18 - T30 - R11
GWL Depth 3.3' BGS
Logged By CM CHANCE
Drilled By cmc ~~K Padilla~~ F. Rivera
Date/Time Started 10/23/95 - 1310
Date/Time Completed 10/23/95 - 1400

Well Logged By CM Chance
Personnel On-Site K Padilla, D. Charlie
Contractors On-Site
Client Personnel On-Site

Drilling Method 4 1/4" ID HSA
Air Monitoring Method PID, CGI

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM BZ	BH	S HS	Drilling Conditions & Blow Counts
0				Backfill to 12'						
5										
10										-V. hard drlng -cobbles @ 11' -Crags w. moist @ 11' -GW @
15	1	15-16	18	Br/clear SAND, med-coarse sand, tr f sand, dense, wet			0	3	0/NA	
				TD 16'						
20										
25										
30										
35										
40										

Comments: No sample. Hit GW before 1st sample. GW @ 3.3'. BH filled w/ Enviroplug to 1' & grouted to surface. No odor or visible contamination on GW

Geologist Signature Cory Chance

RECON®/Geoprobe

SITE ACTIVITIES

21-Feb-97

Meter/Line #: 93156

Location/Line #: Mary Ackroyd #1

MW#:

Depth to GW:

Depth to Product:

Product Thickness:

Date: 11/14/96

Activity: Geoprobe. Probeholes only

Comments: Tank on pit and production equipment South of pit. East side of pit is fenceline. Samples collecte from 4 probeholes North and West of pit.

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC245	947996
MTR CODE | SITE NAME:	93156	Mary Ackroyd #1
SAMPLE DATE | TIME (Hrs):	11/14/96	1010
PROJECT:	GEOPROBE	
DATE OF BTEX EXT. | ANAL.:	11/18/96	11/18/96
TYPE | DESCRIPTION:	PH1	Water

Field Remarks: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS DF	Q		
BENZENE	<1	PPB				
TOLUENE	<1	PPB				
ETHYL BENZENE	<1	PPB				
TOTAL XYLENES	<3	PPB				
TOTAL BTEX	<6	PPB				

—BTEX is by EPA Method 8020 —

The Surrogate Recovery was at 93.1 % for this sample All QA/QC was acceptable.
DF = Dilution Factor Used

Narrative:

Approved By: _____ Date: 11/25/96

960920BT.XLS,11/22/96

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC246	947997
MTR CODE | SITE NAME:	93156	Mary Ackroyd #1
SAMPLE DATE | TIME (Hrs):	11/14/96	1025
PROJECT:	GEOPROBE	
DATE OF BTEX EXT. | ANAL.:	11/18/96	11/18/96
TYPE | DESCRIPTION:	PH2	Water

Field Remarks: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS DF	Q		
BENZENE	<1	PPB				
TOLUENE	<1	PPB				
ETHYL BENZENE	<1	PPB				
TOTAL XYLENES	<3	PPB				
TOTAL BTEX	<6	PPB				

–BTEX is by EPA Method 8020 –

The Surrogate Recovery was at 90.3 % for this sample All QA/QC was acceptable.

DF = Dilution Factor Used

Narrative:

Approved By: John Loudder Date: 11/25/96

947996.XLS,11/22/96

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC247	947998
MTR CODE | SITE NAME:	93156	Mery Ackroyd #1
SAMPLE DATE | TIME (Hrs):	11/14/96	1040
PROJECT:	GEOPROBE	
DATE OF BTEX EXT. | ANAL.:	11/18/96	11/18/96
TYPE | DESCRIPTION:	PH3	Water

Field Remarks: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS DF	Q		
BENZENE	<1	PPB				
TOLUENE	<1	PPB				
ETHYL BENZENE	<1	PPB				
TOTAL XYLENES	<3	PPB				
TOTAL BTEX	<6	PPB				

--BTEX is by EPA Method 8020--

The Surrogate Recovery was at 91.4 % for this sample All QA/QC was acceptable.

DF = Dilution Factor Used

Narrative:

Approved By: John Faulkner Date: 11/25/96

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC248	947999
MTR CODE | SITE NAME:	93156	Mary Ackroyd #1
SAMPLE DATE | TIME (Hrs):	11/14/96	1100
PROJECT:	GEOPROBE	
DATE OF BTEX EXT. | ANAL.:	11/18/96	11/18/96
TYPE | DESCRIPTION:	PH4	Water

Field Remarks: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q		
BENZENE	<1	PPB				
TOLUENE	<1	PPB				
ETHYL BENZENE	<1	PPB				
TOTAL XYLENES	<3	PPB				
TOTAL BTEX	<6	PPB				

—BTEX is by EPA Method 8020 —

The Surrogate Recovery was at 89.2 % for this sample All QA/QC was acceptable.
DF = Dilution Factor Used

Narrative:

Approved By: John Saller Date: 11/25/96

947998.XLS,11/22/96