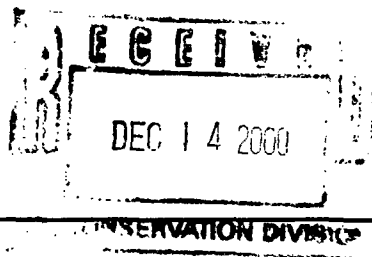


3R - 237

REPORTS

DATE:

1999



Certified Mail: # Z 213 707 369

December 13, 2000

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

**RE: Missing Information for Groundwater Sites Requested for Closure in the 1999
Pit Project Annual Groundwater Report**

Dear Mr. Olson:

El Paso Field Services Company (EPFS) hereby submits the missing information requested in our December 11, 2000 telephone conversation. You indicated the "Field Pit Assessment Form", "Field Pit Remediation / Closure Form" and supporting documentation were not included with the four non-Navajo and two Navajo pits requested for closure in the "1999 Pit Project Closure Report" submitted March 24, 2000.

Attached please find the above mentioned information for the following sites:

1. K-51 Line Drip T26N, R06W, Sec. 6, Unit A,
2. Mesa CPD T29N, R14W, Sec. 4, Unit E, Information included in 1998 Groundwater Report; copy provided.
3. Sheets Well No. 2 T31N, R9W, Sec. 28, Unit H
4. Turner A # 1 T31N, R11W, Sec. 34, Unit K, Pits 1 and 2
5. Charlie Pah # 2 T27N, R9W, Sec. 12, Unit B, (Navajo Jurisdiction)
6. John Charles # 8 Information not included. OCD approved site for closure July 8, 1998. Navajo EPA has not approved site for closure.

EPFS apologizes for omission of the attached information in the original closure request. 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 # Z 387 666 165

Sheets Well No. 2

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 70-286 Location: Sheets Well No. 2
 Operator #: 0203 Operator Name: Amoco Production P/L District: Aztec
 Coordinates: Letter: H Section 28 Township: 31 Range: 9
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 8/30/94 Area: 04 Run: 41

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 Little Pump 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

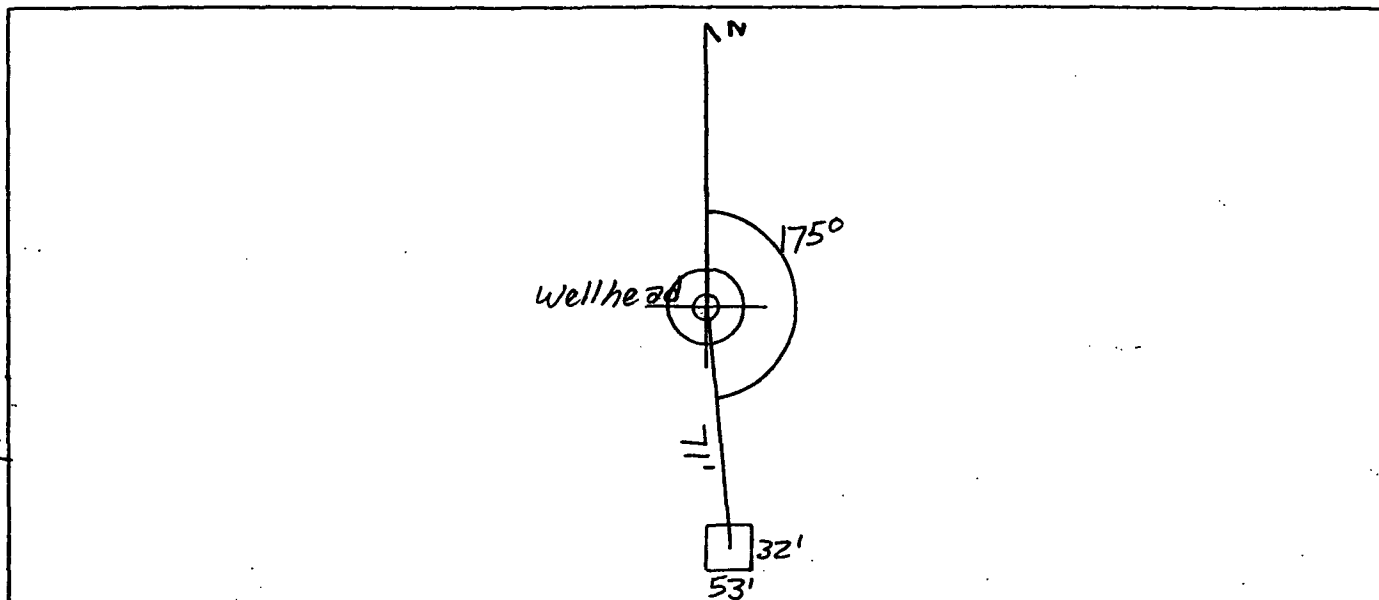
Remarks : Redline Book - Inside Vulnerable Zone - Inside
Four pits, location drip pit is dry. Will close one pit.

DIG & HAUL

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 175° Footage from Wellhead 71'
b) Length : 53' Width : 32' Depth : 5'



REMARKS

Remarks :

SK 8/30/94

Pictures @ 1521 (20-24, Roll 3)
Dump Truck

Completed By:

Mark Kelly
Signature

8/30/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 70286 Location: Sheets Well #2
 Coordinates: Letter: H Section 28 Township: 31 Range: 9
 Or Latitude _____ Longitude _____
 Date Started : 9/15/94 Run: 04 41

FIELD OBSERVATIONS

Sample Number(s): KD262
 Sample Depth: 12' Feet
 Final PID Reading 465 PID Reading Depth 12' Feet
 Groundwater Encountered ☐ Yes ☒ No
 Approximate Depth _____ Feet

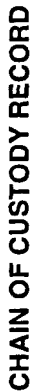
CLOSURE

Remediation Method :
 Excavation ☒ Approx. Cubic Yards 120
 Onsite Bioremediation ☐
 Backfill Pit Without Excavation ☐
 Soil Disposition:
 Envirotech ☐ ☒ Tierra
 Other Facility ☐ Name: _____
 Pit Closure Date: 9-16-94 Pit Closed By: BEI

REMARKS

Remarks : Excavated pit to 12', TOOK PID Sample, Closed
Pit.

Signature of Specialist: [Signature]



CHAIN OF CUSTODY RECORD

White - Testing Laboratory Canary - EPNGLab PINK - Field Sampler





SPLIT

FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KD 262	946150
MTR CODE SITE NAME:	70286	N/A
SAMPLE DATE TIME (Hrs):	9-16-94	0945
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	9-20-94	9-20-94
DATE OF BTEX EXT. ANAL.:	9-26-94	9-26-94
TYPE DESCRIPTION:	VC	dry clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS				ATI Results
			DF	Q	M(g)	V(ml)	
BENZENE	0.385	MG/KG	0.010204		1.96	20	0.62
TOLUENE	<0.05	MG/KG					< 0.25
ETHYL BENZENE	5.48	MG/KG					8.0
TOTAL XYLENES	66.0	MG/KG					79
TOTAL BTEX	71.9	MG/KG					87.9
TPH (418.1)	73.1	MG/KG			2.05	28	360
HEADSPACE PID	465	PPM					Surrogate % 96
PERCENT SOLIDS	77.3	%					Dilution Factor 10

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

Surrogate Recovery was at 101.9 for this samp All QA/QC was acceptable.

Narrative:

ATI Results attached

DF = Dilution Factor Used

Approved By:

Date:

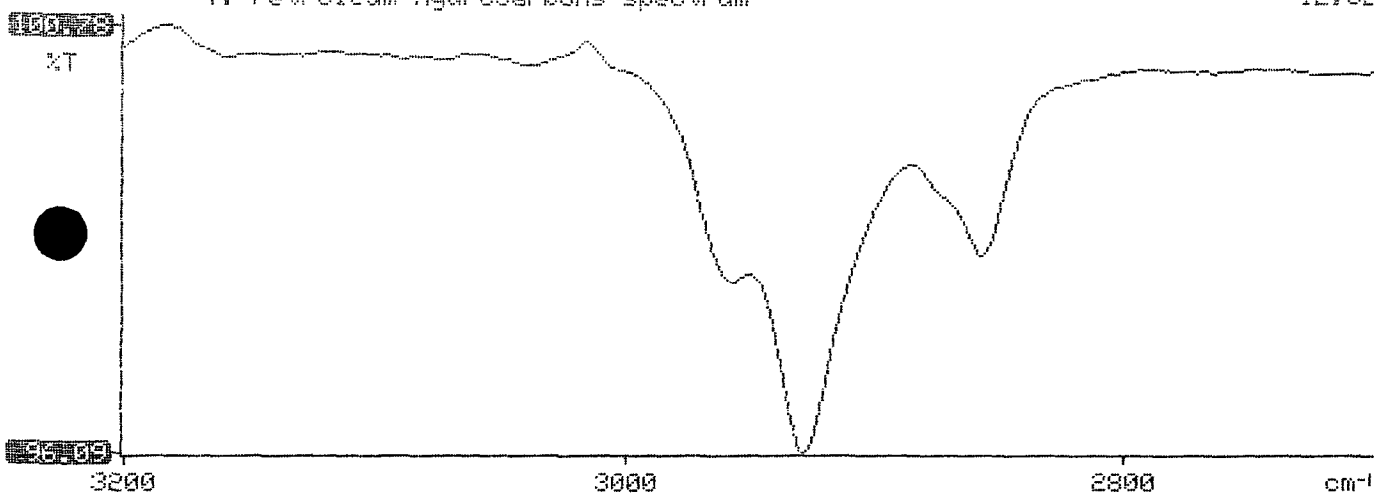
10/27/94

 * Test Method for *
 * Oil and Grease and Petroleum Hydrocarbons *
 * in Water and Soil *
 *
 * Perkin-Elmer Model 1600 FT-IR *
 * Analysis Report *

* 94/09/20 12:01
 *
 * Sample identification
 * 946150
 *
 * Initial mass of sample, g
 * 2.050
 *
 * Volume of sample after extraction, ml
 * 28.000
 *
 * Petroleum hydrocarbons, ppm
 * 73.126
 * Net absorbance of hydrocarbons (2930 cm-1)
 * 0.019
 *
 *
 *

Y: Petroleum hydrocarbons spectrum

12:02



EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM\946150a
 Method : C:\LABQUEST\METHODS\SOILS.MET
 Sample ID : 946150 @ 1/50 (100ul) 1.96g/2
 Acquired : Sep 26, 1994 17:07:37
 Printed : Sep 26, 1994 17:33:49
 User : John

Channel A Results

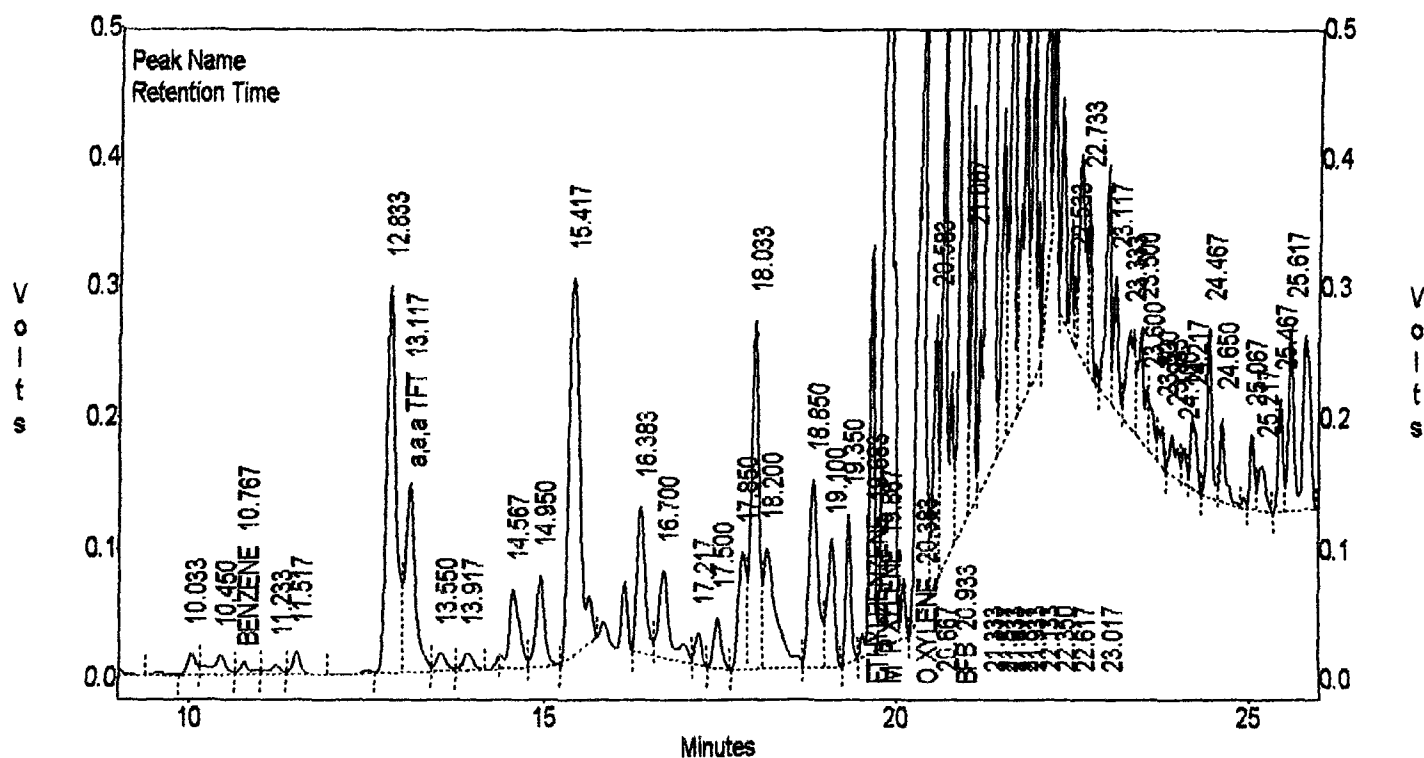
COMPONENT	RET TIME	AREA	AVG RF	CONC (ug/L)
BENZENE	10.767	104388	127951.77344	37.7433
a,a,a TFT	13.117	1441523	7303.77002	9855.5225
TOLUENE	15.667	0	0.00000	0.0000
ETHYLBENZENE	19.683	1371245	116407.63281	537.4567
M & P XYLENE	19.867	13523588	167589.01563	4837.7090
O XYLENE	20.383	4075057	115447.89063	1625.4025
BFB	20.933	18781958	169985.04688	5098.7725

Totals :

39297760

21992.6055

C:\LABQUEST\CHROM\946150a - Channel A





Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)
CLIENT : EL PASO NATURAL GAS ATI I.D.: 409389
PROJECT # : 24324
PROJECT NAME : PIT CLOSURE

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	946130	NON-AQ	09/15/94	09/22/94	09/23/94	1
05	946150	NON-AQ	09/16/94	09/22/94	09/24/94	10
06	946151	NON-AQ	09/16/94	09/22/94	09/24/94	10
PARAMETER			UNITS	04	05	06
BENZENE			MG/KG	<0.025	0.62	<0.25
TOLUENE			MG/KG	0.032	<0.25	4.8
THYLBENZENE			MG/KG	<0.025	8.0	1.4
TOTAL XYLENES			MG/KG	<0.025	79	17

SURROGATE:

BROMOFLUOROBENZENE (%)	93	95	76
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Analytical **Technologies**, Inc.

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

ATI I.D. 409389

September 29, 1994

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

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 09/21/94, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-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.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure





Analytical **Technologies**, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: EL PASO NATURAL GAS	ATI I.D.	: 409389
PROJECT #	: 24324	DATE RECEIVED	: 09/21/94
PROJECT NAME	: PIT CLOSURE	DATE ANALYZED	: 09/26/94

PARAMETER	UNITS	05
PETROLEUM HYDROCARBONS, IR	MG/KG	360