

3R - 374

**GENERAL
CORRESPONDENCE**

YEAR(S):
2001 - 1995



Certified Mail: #7000 1670 0012 7260 6739

February 26, 2001

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

RECEIVED

FEB 28 2001

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

RE: 2000 Pit Project Annual Groundwater Report

Dear Mr. Olson:

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

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

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

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

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

Sincerely,

A handwritten signature in dark ink, appearing to read 'Scott T. Pope', with a stylized flourish at the end.

Scott T. Pope P.G.
Senior Environmental Scientist

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

SAN JUAN BASIN PIT CLOSURES
San Juan Basin, New Mexico

El Paso Field Services
Pit Closure Reports

March 2001

Prepared For

El Paso Field Services
Farmington, New Mexico

Project 62800398



EPFS GROUNDWATER PITS

244
374

TURNER A #1 PM (PIT #1 & #2)

Meter/Line ID - 71676

SITE DETAILS

Legals - Twn: 31N

Rng: 11W

Sec: 34

Unit: K

NMOCD Hazard Ranking: 40

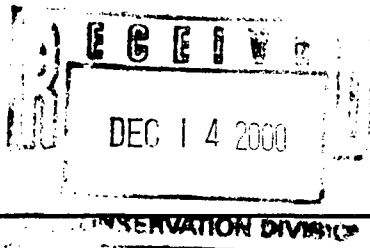
Land Type: STATE

Operator: BURLINGTON RESOURCES

PREVIOUSLY SUBMITTED FOR CLOSURE

The Turner A #1 PM (PIT #1 & #2) site was submitted for closure in the EPFS Groundwater Pits 1999 Closure Report dated March 2000.

The Field Pit Assessment Form, Field Pit Remediation/Closure Form, and supporting documentation, omitted from the original report, were forwarded to the NMOCD on December 13, 2000 by EPFS.



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

Turner A # 1
Pit 2

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 71676² Location: TUNNER A1 "PM"
 Operator #: _____ Operator Name: _____ P/L District: _____
 Coordinates: Letter: 6 Section: 34 Township: 31 Range: 11W
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: ☒ Line Drip: _____ Other: _____
 Site Assessment Date: 11-17-95 Area: 02 Run: 72

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: 50 POINTS

REMARKS

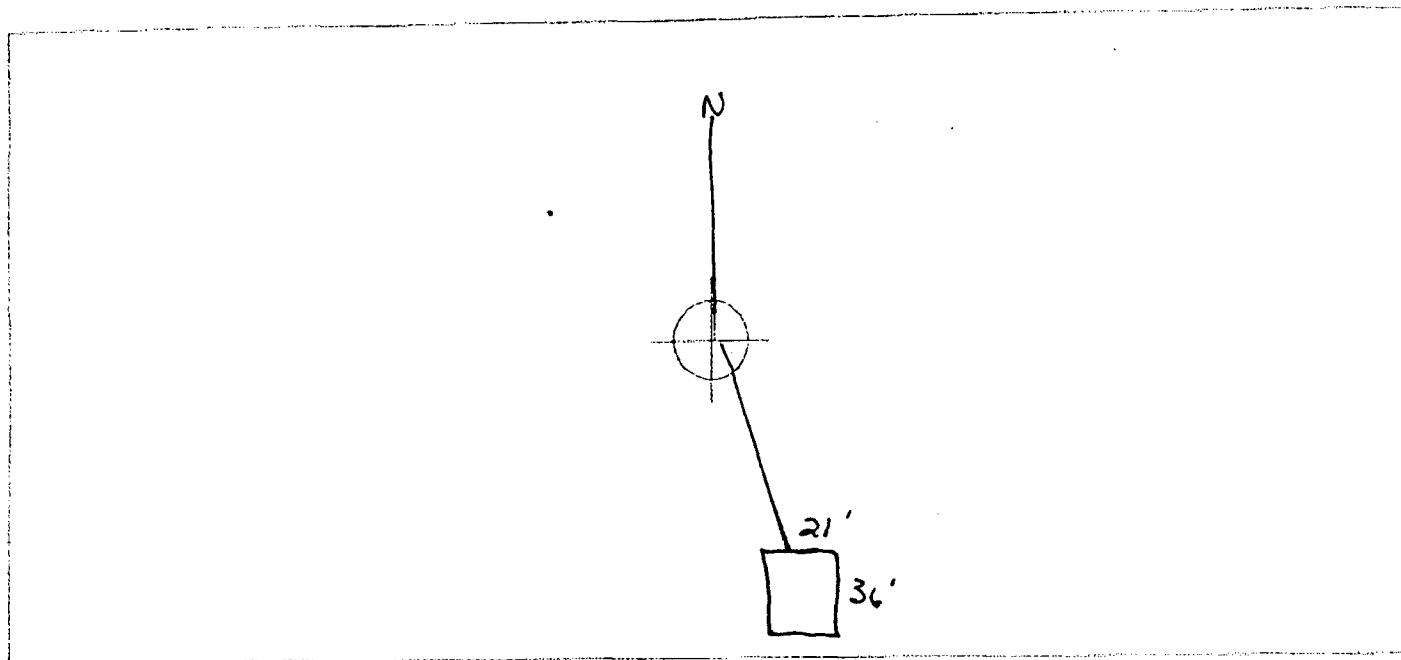
Remarks Pit is DRY - LISTED INSIDE V:2.
Pit Belongs to EPNG. LOCATION IS CONGESTED

D. J. Hall

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 345° Footage from Wellhead 92'
 b) Length : 34 Width : 21 Depth : 3

ORIGINAL PIT LOCATION



Remarks :

Pictures # 1, 2, 3, in Roll

REMARKS

Completed By:

Antônio Schmitt
 Signature

11-17-95
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: ^{RLB 12/12/95} 71676-2 Location: TURNER A1 "PM"
 Coordinates: Letter: G Section 34 Township: 31 Range: 11W
 Or Latitude _____ Longitude _____
 Date Started : 12-5-95 Run: 02 72

FIELD OBSERVATIONS

Sample Number(s): N5139 N5140
 Sample Depth: 6 Feet
 Final PID Reading 1127 PID Reading Depth 4 Feet
 Yes No
 Groundwater Encountered ☒ ☐ Approximate Depth 5 Feet

CLOSURE

Remediation Method :
 Excavation ☒ Approx. Cubic Yards 700
 Onsite Bioremediation ☐
 Backfill Pit Without Excavation ☐
 Soil Disposition:
 Envirotech ☐ ☒ Tierra
 Other Facility ☐ Name: _____
 Pit Closure Date: 12-6-95 Pit Closed By: Philip
APP. BY: ALTON JAMES E.P.N.C.

REMARKS

Remarks : EXCAVATED PIT TO 59X42X6 FEET READINGS (N-2.5) (S-1.4) (E-2.7)
(W-89.0) (Bottom 1100+ APP meter) Hit River Rock & Ground water @ 5'
NOTIFIED O.C.D.
 Fencing 21 X 34 X 3 Netting Y — N

Signature of Specialist: [Signature]



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	NS139	947833
MTR CODE SITE NAME:	71676	Turner G-1
SAMPLE DATE TIME (Hrs):	12-5-95	1330
PROJECT:	Phase II Excavation	Phase I Excavation 8/19/96
DATE OF TPH EXT. ANAL.:	12/14/95	
DATE OF BTEX EXT. ANAL.:	12/13/95	12/13/95
TYPE DESCRIPTION:	VC	Brown clay & sand

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)	22	MG/KG			1.99 22	28
HEADSPACE PID	1127	PPM				
PERCENT SOLIDS	89.0	%				

-- 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: SPDate: 12/15/95



Drank

CHAIN OF CUSTODY RECORD

[illegible]

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

* 95/12/14 12:46

* Sample identification
* 947833

* Initial mass of sample, g
* 1.990

* Volume of sample after extraction, ml
* 28.000

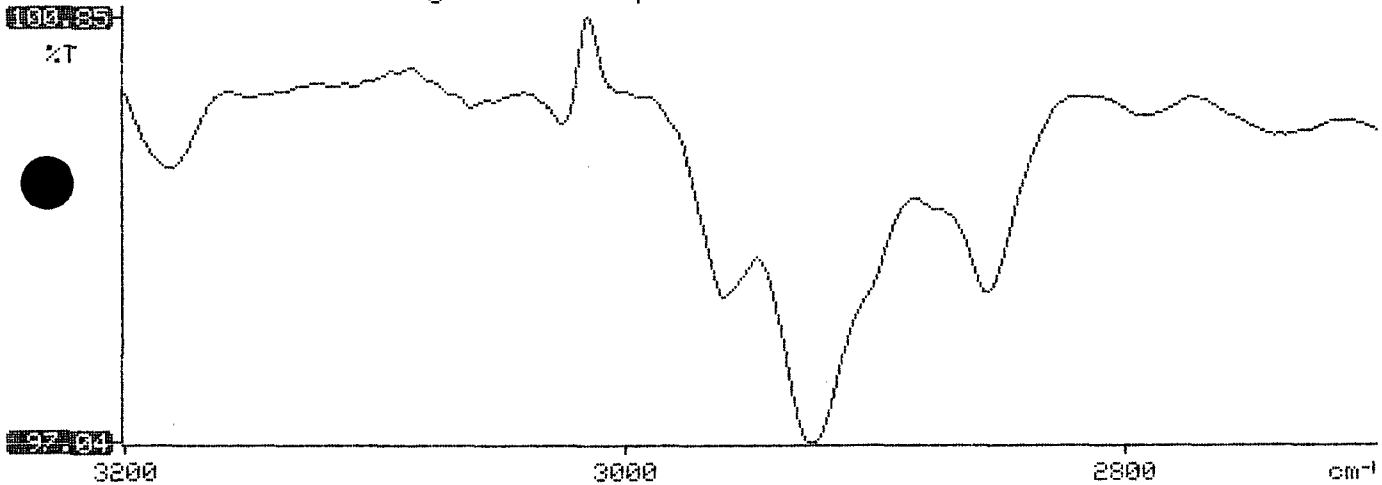
* Petroleum hydrocarbons, ppm
* 22.240

* Net absorbance of hydrocarbons (2930 cm⁻¹)
* 0.013

*
*
*

Y: Petroleum hydrocarbons spectrum

12:46



BTEX SOIL SAMPLE WORKSHEET

File	:	947833	Date Printed	:	12/14/95
Soil Mass (g)	:	5.03	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):	:	200
Shot Volume (uL)	:	50	CAL FACTOR (Report):	:	0.19881

		DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	:	0.12	Benzene (mg/Kg):	0.024 0.497
Toluene (ug/L)	:	0.28	Toluene (mg/Kg):	0.056 0.497
Ethylbenzene (ug/L)	:	0.11	Ethylbenzene (mg/Kg):	0.022 0.497
p & m-xylene (ug/L)	:	0.62	p & m-xylene (mg/Kg):	0.123 0.994
o-xylene (ug/L)	:	0.53	o-xylene (mg/Kg):	0.105 0.497
			Total xylenes (mg/Kg):	0.229 1.491
			Total BTEX (mg/Kg):	0.330

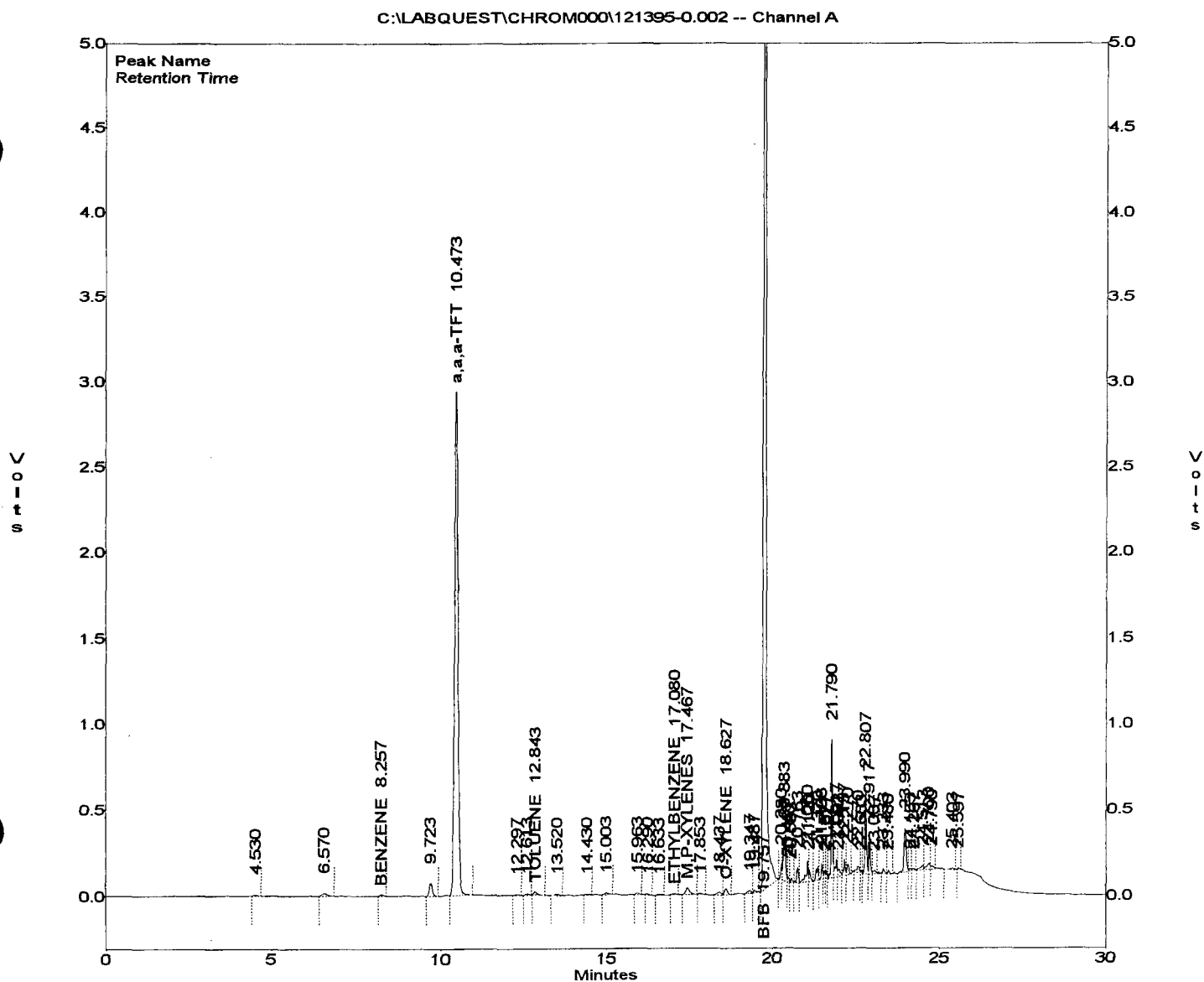
EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM000\121395-0.002
 Method : C:\LABQUEST\METHODS\0-120195.MET
 Sample ID : 947833,5.03G,50U
 Acquired : Dec 13, 1995 17:05:56
 Printed : Dec 13, 1995 17:36:21
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	8.257	65080	0.1167
a,a,a-TFT	10.473	20713652	0.0000
TOLUENE	12.843	150044	0.2839
ETHYLBENZENE	17.080	50447	0.1087
M,P-XYLENES	17.467	331117	0.6234
O-XYLENE	18.627	238206	0.5268
BFB	19.757	53885256	94.0752



El Paso Natural Gas Company

FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER: 947834
FIELD ID: NS140
MTR CODE: 71676
SAMPLE DATE: 12-5-95
SAMPLE TYPE: W [Exc.]
SITE NAME: Turner G-1
PROJECT: Phase III Exc Phase I RLB 12/12/95
DATE OF BTEX ANALYSIS: 12/7/95

FIELD COMMENTS:

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)			None
BENZENE (PPB)	118	D (x5)	10
TOLUENE (PPB)	262	D (x5)	740
ETHYL BENZENE (PPB)	40.5	D (x5)	750
TOTAL XYLENES (PPB)	477	D (x5)	620
SURROGATE % RECOVERY	98%	Allowed Range 80 to 120 %	

NOTES:

Approved By: 

12/11/95
Date

EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM000\120795-0.001
 Method : C:\LABQUEST\METHODS\0-120195.MET
 Sample ID : 947834 x5
 Acquired : Dec 07, 1995 14:49:14
 Printed : Dec 07, 1995 15:19:41
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	8.353	12328121	118.1892
a,a,a-TFT	10.620	21015476	0.0000
TOLUENE	12.997	25822078	261.7858
ETHYLBENZENE	17.273	3680416	40.4789
M,P-XYLENES	17.647	37063532	370.7494
O-XYLENE	18.803	9416990	106.5805
BFB	19.867	56192056	490.5127

