3R - 189

REPORTS

DATE:

July 1996

August 20, 1996

Mr. Bill Olson
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Production Pit Closure Submittal

Dear Mr. Olson:

Enclosed herein are data packages for work completed at El Paso Field Services (EPFS) production pit locations where shallow groundwater was encountered during closure operations. The data included within indicate that these sites merit closure per the New Mexico Oil Conservation Division's (NMOCD) Vulnerable Area Orders and EPFS's closure plan submitted to the NMOCD. In front of each data package is a site specific checklist that indicates the work completed at each location. Each checklist is followed by a short summary of the activities and results of data collected to support closure.

Sincerely,

El Paso Field Services

Sandra Miller
Senior Environmental Manager

j:\16297\sm

SAN JUAN BASIN PIT CLOSURES
San Juan Basin, New Mexico

Pit Closure Report

July 1996

Prepared For

El Paso Field Services
Farmington, New Mexico

Project 16297

PHILIP ENVIRONMENTAL

OK

Closure Checklist

Meter Code 75336

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	☐
bills of lading	☑

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 No

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

Recon performed No

groundwater analytical	☐
soil-gas analytical	☐

If item boxes are not checked they are not applicable

PHILIP ENVIRONMENTAL

Environmental Services Group
Southern Region

Hammond Federal No. 5
Meter Code 75336

Pit was excavated to 12 feet beneath ground surface. Headspace soil readings from excavation bottom were 710 parts per million. Soil analytical from a composite sample was as follows; benzene - < 1 mg/kg, total BTEX - 106 mg/kg, TPH - 270 mg/kg.

One soil boring was completed and a monitoring well installed. Soil boring analytical results were as follows; benzene - 2 mg/kg, total BTEX - 12 mg/kg, TPH - 146 mg/kg. Groundwater was encountered at 44.4 feet. Initial groundwater analytical were as follows; benzene - 2.9 ug/L, toluene - 54.9 ug/L, ethylbenzene - 19.4 ug/L, xylenes - 239 ug/l. Second groundwater analytical were as follows; benzene - 2 ug/L, toluene - <1.0 ug/L, ethylbenzene - 46.6 ug/L, xylenes - 80 ug/l.

J:\16297\mn

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

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 75336 Location: HAMMOND Fed No. 5
Operator #: 0286 Operator Name: Conoco P/L District: Blanco
Coordinates: Letter: D Section 25 Township: 27 Range: 8
Or Latitude _____ Longitude _____
Pit Type: Dehydrator ___ Location Drip: ✓ Line Drip: ___ Other: _____
Site Assessment Date: 5/24/94 Area: 13 Run: 31

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 Largo 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 & Vula - Inside
1 pit. Will close. Pit Dry

DIG & HAUL

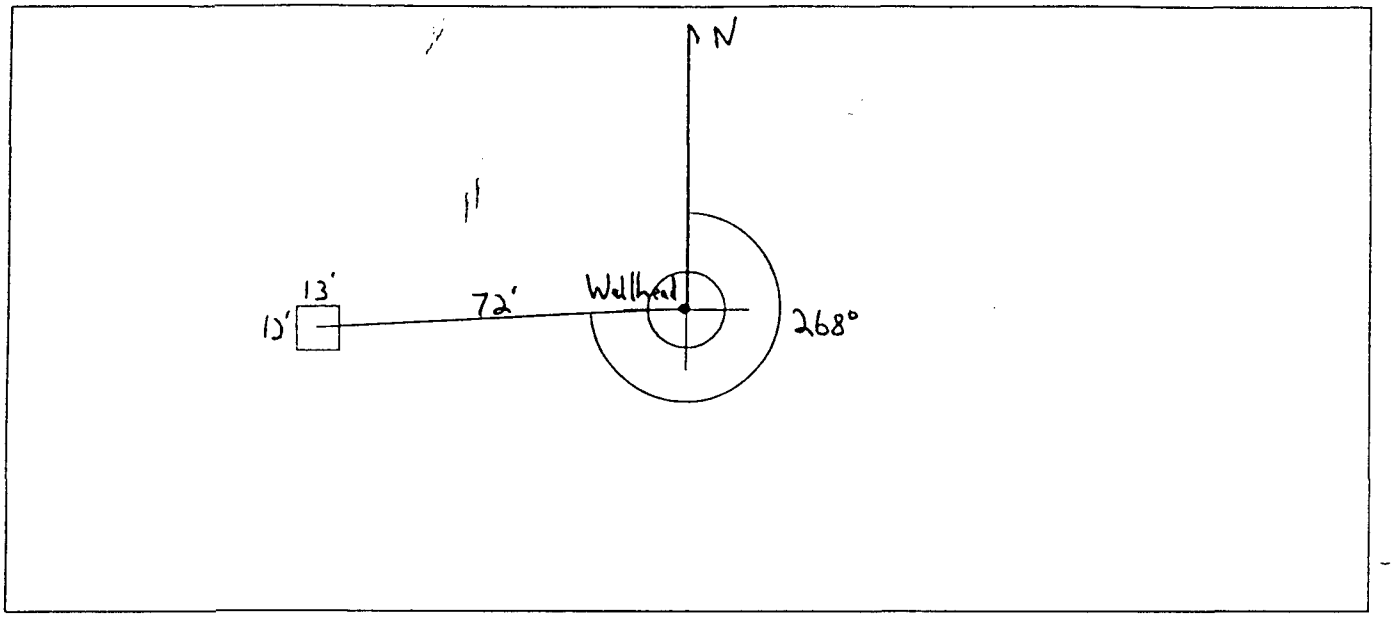
75226

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 268° Footage from Wellhead 72'

b) Length : 13' Width : 13' Depth : 2'



REMARKS

Remarks :

Pictures @ 1535 (6-9)

End Dump

Completed By:

Cory Chase
Signature

5/24/94
Date

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 75336 Location: HAMMOND FED No 5

Coordinates: Letter: D Section 25 Township: 27 Range: 8

Or Latitude _____ Longitude _____

Date Started : 6-6-94 Area: 13 Run: 31

FIELD OBSERVATIONS

Sample Number(s): KP #84 _____ _____ _____

Sample Depth: 12' Feet

Final PID Reading 710 PID Reading Depth 12' Feet

	Yes	No
Groundwater Encountered	☐ (1)	☒ (2)

Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation	☒ (1)	Approx. Cubic Yards 60
Onsite Bioremediation	☐ (2)	
Backfill Pit Without Excavation	☐ (3)	

Soil Disposition:

Envirotech	☐ (1)	☒ (3)	Tierra
Other Facility	☐ (2)	Name:	_____

Pit Closure Date: 6-6-94 Pit Closed By: B.E.T

REMARKS

Remarks : Some LINE MARKERS ON LOCATION. SMALL PIT STARTED Remediating TO 12' SOIL TURNED BLACK. SMELLS BAD.

Signature of Specialist: Kelly Padilla

(SP3191) 04/07/94

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:	KP84	945360
MTR CODE | SITE NAME:	75336	Hammond Federal #5
SAMPLE DATE | TIME (Hrs):	06/06/94	1102
PROJECT:	Phase I	
DATE OF TPH EXT. | ANAL.:	06/07/94	06/07/94
DATE OF BTEX EXT. | ANAL.:	06/09/94	06/11/94
TYPE | DESCRIPTION:	VC	Black sand & clay

Field Remarks: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.62	MG/KG	25			
TOLUENE	<0.62	MG/KG	25			
ETHYL BENZENE	5.2	MG/KG	25			
TOTAL XYLENES	100	MG/KG	25			
TOTAL BTEX	106	MG/KG				
TPH (418.1)	270	MG/KG			2.06	28
HEADSPACE PID	710	PPM				
PERCENT SOLIDS	90.0	%				

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

e Surrogate Recovery was at 348 % for this sample All QA/QC was acceptable.
rrative:

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

DF = Dilution Factor Used

Approved By: _____ Date: 7/18/94

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME
11957	Pit Closure Project # 24324

SAMPLERS: (Signature) Kelly Padilla DATE: 6-6-94

LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS: TPH EPA 418.1	BTEX EPA 8020		SeQ			CONTRACT LABORATORY P. O. NUMBER / REMARKS
	6-6-94	1102	Soil	KP #84	1	VC	X	X		76			
~~6-6-94~~			Soil	KP #85	1	VC	X	X		77		KP	6-6-94

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Kelly Padilla	6-6-94 1800	Brenda Fisc	Brenda Fisc	6/7/94 0818	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)
					Kim Kinney

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

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

Carrier's No. _____ Date 06/06/94

CARRIER: DOUG FOUTZ CONSTRUCTION CO. INC. SCAC

TO:		**FROM:**	
Consignee	TIERRA ENVIRONMENTAL CORP.	Shipper	EL PASO NATURAL GAS COMPANY 24324
Street	909 W. APACHE	Street	P.O. BOX 4990
Destination	FARMINGTON, NM 87401 Zip	Origin	FARMINGTON, NM 87499-4990 Zip

Route: 10 3/4 hrs. | Vehicle Number 132 | U.S. DOT Hazmat Reg. No. N/A

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1	X	HAMMOND FEE #5 / TIERRA	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	75336 N/A	N/A	10	YD	N/A
1	X	TIERRA / MARRION #95	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	93441 N/A	N/A	10	YD	N/A
1	X	MARRION #95 / TIERRA	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	93441 N/A	N/A	10	YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	N/A	N/A		YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	N/A	N/A		YD	N/A
1	X	TIERRA / HAMMOND FEE #5	BACKFILL	75336 N/A	N/A	10	YD	N/A
1	X	TIERRA / MARRION #95	BACKFILL	93441 N/A	N/A	10	YD	N/A
1	X	TIERRA / MARRION #95	BACKFILL	93441 N/A	N/A	10	YD	N/A
			BACKFILL	N/A	N/A		YD	N/A

Permit C.O.D. to:
Address:
City: State: Zip:

C.O.D. Amt: $

C. O. D. FEE: Prepaid XXX Collect ☐ $

FREIGHT CHARGES XXX PREPAID ☐ COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges
(Signature of Consignor)

Where the applicable tariff provisions specify a limitation of the carrier's liability NMFC Item 172), if there is no release or value declaration by the shipper, and the shipper does not declare a value or release the carrier's liability, that liability shall be limited to the extent provided by NMFC Item 172. California intrastate shipments must comply with NMFC Item 173

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation Per X William J. Foster

PLACARDS REQUIRED N/A PLACARDS SUPPLIED ☐ YES XXX NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: EL PASO NATURAL GAS COMPANY

PER: SANDRA MILLER DATE:

CARRIER: X Doug Foutz Construction Co. Inc.

PER: William J. Foster DATE: 06/06/94

EMERGENCY RESPONSE EL PASO NATURAL GAS 505/599-2141

TELEPHONE NUMBER: (505) 326-2262 BURLINGTON ENVIRO.

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-B3 (REV

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

Carrier's No. _____

CARRIER: DOUG FOUTZ CONSTRUCTION SCAC Date 6-6-94

TO: Consignee Street Destination	TIERRA ENVIRONMENTAL CORP. 909 W. APACHE FARMINGTON, NM 87401 Zip
FROM: Shipper Street Origin	EL PASO NATURAL GAS COMPANY 24324 P.O. BOX 4990 FARMINGTON, NM 87499-4990 Zip

Route: 10 hrs. | Vehicle Number 671 | U.S. DOT Hazmat Reg. No. N/A

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
1	X	Hammond Fed #5 / Tierra	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL		75336 N/A	10	YD	N/A
1	X	Marron #95 / Tierra	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL		93441 N/A	10	YD	N/A
1	X	Marron #95 / Tierra	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL		93441 N/A	10	YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL		N/A		YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL		N/A		YD	N/A
1	X	Tierra / Hammond Fed #5	BACKFILL		75336 N/A	10	YD	N/A
1	X	Tierra / Marron #95	BACKFILL		93441 N/A	10	YD	N/A
1	X	Tierra / Marron #95	BACKFILL		93441 N/A	10	YD	N/A
			BACKFILL		N/A		YD	N/A

Remit C.O.D. to:
Address:
City: State: Zip:

C.O.D. Amt: $

C. O. D. FEE: Prepaid [X] Collect [ ] $

FREIGHT CHARGES [X] PREPAID [ ] COLLECT

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges
(Signature of Consignor)

Where the applicable tariff provisions specify a limitation of the carrier's liability NMFC Item 172), if there is no release or value declaration by the shipper, and the shipper does not declare a value or release the carrier's liability, that liability shall be limited to the extent provided by NMFC Item 172. California intrastate shipments must comply with NMFC Item 173

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Per X Ron Watson

PLACARDS REQUIRED N/A

PLACARDS SUPPLIED [ ] YES [X] NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: EL PASO NATURAL GAS COMPANY

PER: SANDRA MILLER DATE:

CARRIER: DOUG FOUTZ CONSTRUCTION

PER: Ron Watson DATE: 6-6-94

EMERGENCY RESPONSE TELEPHONE NUMBER: (505) 326-2262 BURLINGTON ENVIR. EL PASO NATURAL GAS 505/599-2141

Monitored at all times the Hazardous Material is in transportation including storage in[illegible] l to transportation (172.604).

9-BLS-B3 (REV[illegible])

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

Carrier's No. 343637

CARRIER: DOUG FOUTZ CONSTRUCTION CO. INC. SCAC Date 6-6-94

TO:		**FROM:**	
Consignee	TIERRA ENVIRONMENTAL CORP.	Shipper	EL PASO NATURAL GAS COMPANY 24324
Street	909 W. APACHE	Street	P.O. BOX 4990
Destination	FARMINGTON, NM 87401	Origin	FARMINGTON, NM 87499-4990
	Zip		Zip

Route: 10 hrs. | Vehicle Number 831 | U.S. DOT Hazmat Reg. No. N/A

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
10	KP	Hammond Fed #5 / Tierra	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	75336 N/A	N/A	10	YD	N/A
10	KP	Marron #95 / Tierra	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	93441 N/A	N/A	10	YD	N/A
10	KP	Marron #95 / Tierra	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	93441 N/A	N/A	10	YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	N/A	N/A		YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	N/A	N/A		YD	N/A
	KP	Tierra / Hammond Fed #5	BACKFILL	75336 N/A	N/A	10	YD	N/A
	KP	Tierra / Marron #95	BACKFILL	93441 N/A	N/A	10	YD	N/A
	KP	Tierra / Marron #95	BACKFILL	93441 N/A	N/A	10	YD	N/A
			BACKFILL	N/A	N/A		YD	N/A

Permit C.O.D. to:
Address:
City: State: Zip:

C.O.D. Amt: $

C. O. D. FEE: Prepaid XXX / Collect [ ] $

FREIGHT CHARGES XXX PREPAID [ ] COLLECT

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(Signature of Consignor)

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RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
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This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per X Charles Ferguson

PLACARDS REQUIRED N/A **PLACARDS SUPPLIED** [ ] YES XXX NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: EL PASO NATURAL GAS COMPANY

PER: SANDRA MILLER DATE: 6/6/94

CARRIER: X Doug Foutz Const.

PER: C Charles Ferguson DATE: 6-6-94

EMERGENCY RESPONSE TELEPHONE NUMBER: EL PASO NATURAL GAS 505/599-2141 (505)326-2262 BURLINGTON ENVIRO.

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-B3 (REV

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. _____

Carrier's No. _____

CARRIER: DOUG FOUTZ CONSTRUCTION CO. INC. SCAC Date 6-6-94

TO: Consignee	TIERRA ENVIRONMENTAL CORP.	**FROM:** Shipper	EL PASO NATURAL GAS COMPANY 24324
Street	909 W. APACHE	Street	P.O. BOX 4990
Destination	FARMINGTON, NM 87401 Zip	Origin	FARMINGTON, NM 87499-4990 Zip

Route: 10¼ hrs | Vehicle Number 933 | U.S. DOT Hazmat Reg. No. N/A

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	PACKING GROUP	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
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1	X	MARRON #95 / TIERRA	EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	93441 ~~N/A~~	N/A	10	YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	N/A	N/A		YD	N/A
			EXEMPT HYDRO-CARBON CONTAMI-NATED SOIL	N/A	N/A		YD	N/A
1	X	TIERRA / MARRON #95	BACKFILL	93441 N/A	N/A	10	YD	N/A
1	X	TIERRA / MARRON #95	BACKFILL	93441 ~~N/A~~	N/A	10	YD	N/A
1	X	TIERRA / MARRON #95	BACKFILL	93441 ~~N/A~~	N/A	10	YD	N/A
			BACKFILL	N/A	N/A		YD	N/A

Remit C.O.D. to:
Address:
City: State: Zip:

C.O.D. Amt: $

C. O. D. FEE: Prepaid XXX ☐ Collect ☐ $

FREIGHT CHARGES XXX PREPAID ☐ COLLECT

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(Signature of Consignor)

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This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per X Bunt G Miller

PLACARDS REQUIRED N/A **PLACARDS SUPPLIED** ☐ YES XXX ☐ NO - FURNISHED BY CARRIER

DRIVERS SIGNATURE:

SHIPPER: EL PASO NATURAL GAS COMPANY

PER: SANDRA MILLER DATE:

CARRIER: X Doug Foutz Con-Co.

PER: Bunt G Miller DATE: 6-6-94

EMERGENCY RESPONSE TELEPHONE NUMBER: EL PASO NATURAL GAS 505/599-2141 (505)326-2262 BURLINGTON ENVIRO.

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

9-BLS-B3 (RE

Phase II Soil Boring

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL
[illegible]00 Monroe Road
[illegible]mington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1
Well #
Page 1 of 2

Project Name EPNG PITS
Project Number 14509 Phase 6000 77
Project Location Hammond Fed. No. 5 75336

Elevation
Borehole Location QD-S25-T27-R8
GWL Depth 42' BGS
Logged By CM CHANCE
Drilled By K Padilla
Date/Time Started 8/29/95 - 1250
Date/Time Completed 8/30/95 1150

Well Logged By CM Chance
Personnel On-Site K Padilla, F. Rivera, 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										
15	1	15-16	14"	Redish Br SANDSTONE, f. sand, tr med sand, poorly cemented,			0	10	296/972	1300
20	2	20-22	8"	Br clayey SAND, vf-f sand, med dense, sl moist			0	132	26/318	1304
25	3	25-27	8"	Br/grey mottled sandy CLAY, soft med plastic, sl moist			0	200	202/300	1315
30	4	30-32	10"	AA			1	50	457/1200	1327
				lt grey silty SAND, vf sand, med dense, sl moist						
35	5	35-37	18"	DK Br sandy CLAY, vf sand, soft low plastic, sl moist			0	180	700/1238	1336
										gravel - hard drlg
40	6	40-42	0"	lt Br SANDSTONE, vf sand, sl xtln, hard			0	202	254	1250

Comments:

Geologist Signature

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL
[illegible]00 Monroe Road
[illegible]mington, New Mexico 87401
(606) 326-2262 FAX (606) 326-2388

Borehole # BH-1
Well #
Page 2 of 2

Project Name EPNG PITS
Project Number 14509 Phase 6000 77
Project Location Hammond Fed No. 5 75336

Elevation
Borehole Location QD-S25-T27-R8
GWL Depth
Logged By CM CHANCE
Drilled By K Padilla
Date/Time Started 8/29/95 - 1250
Date/Time Completed 8/30/95 - 1150

Well Logged By CM Chance
Personnel On-Site K Padilla, F. Rivera, D. Charlie, J. Johnson 8/29
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
40	6	40-42	6"							
				BI silty SAND, vf-f sand, dense, sl moist			D	202	254/994	-USD -GW@44.4'BGS -1404 8/29/95
45	7	45-46	8"	OFF wh SAND, f-med sand, med dense, saturated			D	120	0/VA	8/30/95 -GW rose to 42.0' overnight -V. hard drlg.
50				TOB 50'						
55										
60										
65										
70										
75										
80										

Comments: Ground water @ 44.4' BGS. Sample CMC98(40-42') sent to lab (BTEX/TPH). Samples bagged & iced prior to containerization. Will drill to 54.5' w/ 8¼ I.D. augers. Refusal @ 50' BGS. Set well @ 50' BGS

Geologist Signature Cory Chance

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:	CMC98	947359
MTR CODE | SITE NAME:	75336	Hammond Federal #5
SAMPLE DATE | TIME (Hrs):	08/29/95	1350
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. | ANAL.:	08/30/95	09/06/95
DATE OF BTEX EXT. | ANAL.:	08/30/95	09/05/95
TYPE | DESCRIPTION:	VG	Light brown sand & sandstone

Field Remarks: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<2	MG/KG	4	D		
TOLUENE	<2	MG/KG	4	D		
ETHYL BENZENE	<2	MG/KG	4	D		
TOTAL XYLENES	<6	MG/KG	4	D		
TOTAL BTEX	<12	MG/KG	4	D		
TPH (418.1)	146	MG/KG			2.12	28
HEADSPACE PID	994	PPM				
PERCENT SOLIDS	92.1	%				

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

The Surrogate Recovery was at 92 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: _____ Date: 7/18/96

El Paso Natural Gas Company

Phase II Drilling

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME
# 24324	Pit Closure Project

SAMPLERS: (Signature) Cory Chavez DATE: 8/29/95

LAB ID	DATE	TIME	MATRIX	FIELD ID	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1	BTEX EPA 8020	LAB PID		PID HS PPM	SEQUENCE #	REMARKS
	8/29/95	0909	SOIL	CMC 94	1	VG	✓	✓			14	88	15-17' Oxnard WN Fed No 5 75248
	↑	1010	↑	CMC 95	1	VG	✓	✓			0	89	15-17' Macron No 39 71790
		1100		CMC 96	1	VG	✓	✓			17	90	Bagged & Iced 20-22 Macron #95 9344
		1200		CMC 97	1	VG	✓	✓			20	91	Bagged & Iced 15-17 Federal E#5 90709
	8/29/95	1250	SOIL	CMC 98	1	VG	✓	✓			994	92	Bagged & Iced 40-42 Hammond Fed No 5 75326

REQUESTED ANALYSIS

CONTRACT LABORATORY P. O. NUMBER

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Cory Chavez	8/29/95 1510		Linda Wadell	8/30/95 1040	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED FOR 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: 505-5 61

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

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

MONITORING WELL INSTALLATION RECORD

Philip Environmental Services Corp.
4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1
Well # MW-1
Page 1 of 1

Project Name EPNG PITS
Project Number 14509 Phase 6001.77
Project Location Hammond Fed No. 5 75336

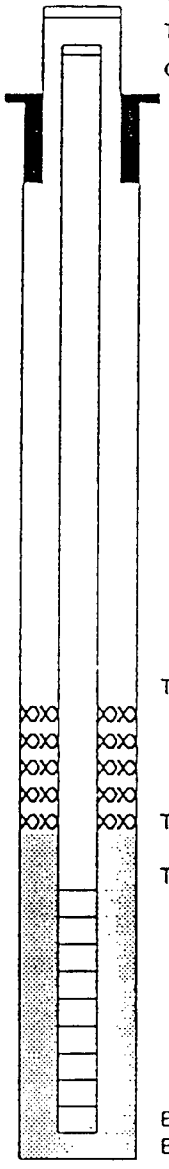
Elevation
Well Location QD-S25-T27-R8
GWL Depth
Installed By K. Padilla

Date/Time Started 8/30/95 - 1210
Date/Time Completed 8/31/95 - 1130

On-Site Geologist CM Chance
Personnel On-Site F. Rivera, J. Johnson
Contractors On-Site
Client Personnel On-Site

Depths in Reference to Ground Surface

Item	Material	Depth
Top of Protective Casing		NA
Bottom of Protective Casing		NA
Top of Permanent Borehole Casing		NA
Bottom of Permanent Borehole Casing		NA
Top of Concrete		NA
Bottom of Concrete		NA
Top of Grout	7 - 94# Type I-II Portland	0'
Bottom of Grout	.25 - 50# Powdered Bentonite	29.5'
Top of Well Riser	37.5' 4" dia SCH40	+3'
Bottom of Well Riser	Flush Thread PVC	34.5'
Top of Well Screen	15' 4" dia SCH40 Flush Thread	34.5'
Bottom of Well Screen	0.01 Slot PVC	49.5'
Top of Peltonite Seal	1.5 - 50# Enviro plug	29.5'
Bottom of Peltonite Seal	Bentonite	31.5'
Top of Gravel Pack	22 - 50# 10-20	31.5'
Bottom of Gravel Pack	Silica Sand	49.5'
Top of Natural Cave-In		49.5'
Bottom of Natural Cave-In		50'
Top of Groundwater		42'
Total Depth of Borehole		50'



Top of Protective Casing NA
Top of Riser +3
Ground Surface 0'
Top of Seal 29.5'
Top of Gravel Pack 31.5'
Top of Screen 34.5'
Bottom of Screen 49.5'
Bottom of Borehole 50'

Comments: Added 15 gal potable water while drilling & ~25 gal while installing well. Total 40 gal. Bentonite hydrated w/5 gal potable water. Locking well cap & padlock placed on well. GW had no odor or visible contamination

Geologist Signature CM Chance

PHILIP ENVIRONMENTAL

Well Development and Purging Data

☒ Development ☐ Purging

Well Number MW-1

Serial No. WDPD-

Page ___ of ___

Project Name EPNG PITS

Project Manager Cory Chance

Project No. 14509

Client Company El Paso Natural Gas

Phase.Task No. 6003.77

Site Name Hammond Federal #5 (75336)

Site Address

Development Criteria

☒ 3 to (5) Casing Volumes of Water Removal
☐ Stabilization of Indicator Parameters
☐ Other

Methods of Development

Pump
☐ Centrifugal
☐ Submersible
☐ Peristaltic

Bailer
☒ Bottom Valve
☐ Double Check Valve
☐ Stainless-steel Kemmerer

☐ Other

Water Volume Calculation

Initial Depth of Well (feet) 53.48

Initial Depth to Water (feet) 45.03

Height of Water Column in Well (feet) 8.45

Diameter (inches): Well ___ Gravel Pack ___

Item	Water Volume In Well: Cubic Feet	Water Volume In Well: Gallons	Gallons to be Removed
Well Casing		5.5	5.5x5 27
Gravel Pack			
Drilling Fluids		45	+45
Total			72-

Instruments

Instrument	Serial No. (If applicable)
☒ pH Meter	HYDAC
☐ DO Monitor	
☒ Conductivity Meter	
☒ Temperature Meter	
☐ Other	

Water Disposal

Drummed & Transported to Kutz Separator in Bloomfield

Water Removal Data 55 · 1545

Date	Time	Development Method: Pump	Development Method: Bailer	Removal Rate (gal/min)	Intake Depth (feet)	Ending Water Depth (feet)	Water Volume Removed (gallons): Increment	Water Volume Removed (gallons): Cumulative	Product Volume Removed (gallons): Increment	Product Volume Removed (gallons): Cumulative	Temperature (°C) °F	pH	Conductivity (µmhos/cm) x/1000	Dissolved Oxygen (mg/L)	Comments
09 12 95	1610		X		1		15	15			62.1	7.32	2.31		Brn silty
* |	1630		|				5	20			62.2	7.33	3.14		Bailed dry
** |	1655		|				3	23			61.4	7.35	4.01		Bailed dry
*** 09 12 95	(1720)		X				1.5	(24.5)			61.9	7.36	4.45		Lt Brn silty Bailed dry

Circle the date and time that the development criteria are met.

Comments * Bailed dry after 20 gallons waiting for well to recharge ** Bailed dry after 3 gallons *** Bailed dry w/ 1.5 gallons

waived * BOK sample after Cory Chance PM, Philip

Developer's Signature(s) James Long Date 09 12 95 Reviewer ______ Date ______

Form A0101 Rev. 03/21/94

PHILIP ENVIRONMENTAL Water Sampling Data

Location No. MW-1

Serial No. WSO-

Group List Number

Sample Type: ☒ Groundwater ☐ Surface Water ☐ Other Date 05-12-95

Project Name EPNG PITS Project No. 14505

Project Manager Cory Chance Phase.Task No. 6000.77

Site Name HAMMOND FED #5 (75336)

Sampling Specifications

Requested Sampling Depth Interval (feet) TOP 3'

Requested Wait Following Development/Purging (hours) N.A.

Initial Measurements

Time Elapsed From Final Development/Purging (~~hours~~ min) 15

Initial Water Depth (feet) 45.03

Nonaqueous Liquids Present (Describe) NO

Water Quality/Water Collection

DO = Dissolved Oxygen; Cond. = Conductivity

Date	Time	Sampler Initials	Water Quality Readings: Temp. (°C)	pH	DO (mg/L)	Cond. (µmhos/cm)	Water Collection Data: Volume Removed (gallons)	Removal Rate (gal/min)	Pump Intake Depth (feet)	Bail	Final Water Depth (feet)	Notes (Explain in Comments Below)
SGG	well	Development + Purging					DATA	SHEET				

Container Type: G = Clear Glass; A = Amber Glass; P = Plastic; V = VOA Vial (Glass); O = Other (Specify)

Sample Containers

Preservatives: H = HCl; N = HNO_3; S = H_2SO_4; A = NaOH; O = Other (Specify); — = None

Analytical Parameter List	Container: Number	Type	Volume (mL)	Field Filtered: Yes	No	Preserved	Cooled During Collection: Yes	No	Comments
BTEX	2	A	40		X	H	X		JAL 19 T1735
TDS	1	P	250		X	NA	X		

Filter Type Chain-of-Custody Form Number

Comments

Signature James A. Long Date 05/25/95 Reviewer Date

Form A0202 Rev. 02/24/94

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	947449
FIELD ID:	JAL19
MTR CODE:	75336
SAMPLE DATE:	9/12/95
SAMPLE TYPE:	Monitor Well
SITE NAME:	Hammond Fed #5
PROJECT:	Phase II MW
TE OF BTEX ANALYSIS:	14-Sep-95

FIELD COMMENTS:

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	2092		None
BENZENE (PPB)	2.9		10
TOLUENE (PPB)	54.9		740
ETHYL BENZENE (PPB)	19.4		750
TOTAL XYLENES (PPB)	239		620
SURROGATE % RECOVERY	99	Allowed Range 80 to 120 %	

NOTES:

Approved By: John Jardon

9-15-95
Date

EL PASO Natural Gas Company

Phase II MW

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME						REQUESTED ANALYSIS						CONTRACT LABORATORY P. O. NUMBER
# 24324	Pit Closure Project												
SAMPLERS: (Signature) James a Long		DATE: 09-12-95			TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1	BTEX EPA 8020	LAB PID	TDS		SEQUENCE #	
LAB ID	DATE	TIME	MATRIX	FIELD ID									REMARKS
	09-12-95	1145	WATER	JAL-16	1	TRIP BLANK		X					TRIP BLANK
	09-12-95	1150	WATER	JAL-17	3	W		X		X		11	1 STANDARD OIL COM #1 (70445) VERY SMALL MW-1
	09-12-95	1445	WATER	JAL-18	3	W		X		X		12	FEDERAL B #2 (94525) MW-1
	9-12-95	1735	WATER	JAL-19	3	W		X		X		13	11 AMMOUD FED #5 (75336) MW-1

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
James a Long 09-12-95	1935			9/13/95 9:05	
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)

EPFS

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	960190
SITE NAME:	Blanco Pipeline
SAMPLE SITE:	Hammond Federal #5 MW-1
SAMPLE DATE:	02/22/96
SAMPLE TIME (Hrs):	1054
SAMPLED BY:	D. Bird
DATE OF BTEX ANALYSIS:	02/23/96
SAMPLE TYPE:	Water

HNU Calc: 75336

JL
3/14/96

REMARKS:

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT PPB	QUALIFIER	WQCC LIMIT PPB
BENZENE	2.0		10
TOLUENE	<1.0		740
ETHYL BENZENE	46.6		750
TOTAL XYLENES	80.3		620
SURROGATE % RECOVERY	98.9	Allowed Range 80 to 120 %	

NOTES:

Date: 2-26-96

SAMPLE 1

Entered 3/14/96 J.L.

EPFS
EL PASO FIELD SERVICES

MEMORANDUM

To: John Lambdin

Date: March 4, 1996

From: Dennis Bird

Place: Laboratory Services

Subject: Blanco Pipeline Pit Monitor Wells

On Thursday, February 22, 1996, Richard Benson and myself went to Blanco Pipeline and sampled the following pit monitor wells. The following analytical parameters are to be performed on these groundwater samples: BTXE, General Chemistry, Nitrate as NO3-N, Metals As, Ba, Cd, Cr, Hg, Se, Ag, Pb, and Dissolved Oxygen. The samples were assigned the laboratory numbers 960190 and 960191. The samples for metals were filtered with a 0.45 micron filter in the field at the time of sampling. The dissolved oxygen results were taken at the time of sampling with a ChemMets Kit. The Field Service Laboratory will be performing all of the analysis.

The following information was collected on each well.

Monitor Well#	Pipe ID	Static Level	Total Depth	Gallons Bailed	Dissolved Oxygen
Hammond Fed. #5	4"	45.07'	53.55'	12.8	1.5 ppm
Federal R #2	4"	33.15'	42.80'	20.0	1.0 ppm

960191

94925

All bailing and sampling was done with disposable, one time use equipment and bottles. All samples were preserved on ice immediately after collection. The static level and total depth was measured from the top of the pipe.

Should you have any question or comments, please let me know.

DB

Dennis P. Bird
Chief Technician

cc: Nancy Prince
Ann Allen
Sandra Miller

EPFS

EL PASO FIELD SERVICES

Field Services Laboratory Water Analysis Report

LOCATION: Blanco Pipeline **PROJECT:** M.W.
DATE OF REPORT: 2/28/96 **SAVE FILE:** 960190
SAMPLED BY: Dennis Bird & Richard Benson

All Results By Standard Methods (AWWA) Or EPA Method 300

SAMPLE POINT	Hammond Federal #5 MW-1				New Mexico WQCC LIMIT
LAB ID #	960190				
Date Of Samp	22-Feb-96				
pH (Units)	7.08				6 - 9
ALKALINITY AS CO_3	0				None
ALKALINITY AS HCO_3	735				None
CALCIUM AS Ca	161				None
MAGNESIUM AS Mg	18				None
TOTA HARDNESS AS $CaCO_3$	476				None
CHLORIDE AS Cl	56				250
SULFATE AS SO_4	1537				600 *
FLUORIDE AS F	2.58				1.6
POTASSIUM AS K	6				None
SODIUM AS Na	811				None
TOTAL DISSOLVED SOLIDS	2920				1000 *
CONDUCTIVITY (umhos)	3810				None
NITRATE AS NO_3-N	<0.1				10

All Results Expressed as ppm or umhos

REMARKS:

Fluoride results were with the HACH DR/2000 using the spadns fluoride reagents.

* It is not unusual for shallow groundwater in New Mexico to naturally exceed these limits.

Approvals:

Lab Super.: John Tarchi Date: 3/14/96

EPFS

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY
ANALYTICAL REPORT

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	960190
LOCATION:	Blanco Pipeline
SAMPLE DATE:	02/22/96
SAMPLE TIME (Hrs):	1054
SAMPLED BY:	D. Bird
SAMPLE POINT:	Hammond Fed #5

REMARKS: _____

RESULTS

PARAMETER	DISSOLVED RESULT (mg/L)	TOTAL RESULT (mg/L)	N. M. WQCC LIMIT (mg/L)
ARSENIC	0.010	0.017	0.10
BARIUM	0.07	0.26	1.00
CADMIUM	<0.0005	<0.0005	0.01
CHROMIUM	0.008	0.019	0.05
LEAD	0.005	0.020	0.05
MERCURY	0.0001	0.0002	0.002
SELENIUM	<0.005	<0.005	0.05
SILVER	0.0006	0.0012	0.05

NOTE: The sample results have been corrected for volume adjustment associated with Method 3015.

References:

Method 3015, Microwave Assisted Acid Digestion of Aqueous Samples and Extracts, Test Methods for Evaluating Solid Waste, SW-846, Sept., 1994.

Method 7061A, Arsenic (Atomic Absorption, Gaseous Hydride), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.

Method 7081, Barium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.

Method 7131, Cadmium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept, 1986.

Method 7191, Chromium (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept, 1986.

Method 7421, Lead (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept, 1986.

Method 245.5, Mercury (Automated Cold Vapor Technique), Methods for the Determination of Metals in Environmental Samples, EPA600/4-91/010, USEPA, June, 1991.

Method 7741A, Selenium (Atomic Absorption, Gaseous Hydride), Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept, 1994.

Method 7761, Silver (Atomic Absorption, Furnace Technique), Test Methods for Evaluating Solid Waste, SW-846, USEPA, July, 1992.

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Project No.	Project Name		
	BLANCO PIPELINE		
Samplers: (Signature)	Date	Receiving Temp (°F)	Contract Laboratory
Dennis Bird	2-20-96	34	EL PASO FIELD SERVICE 770 WEST NAVAJO FARMINGTON N.M. 87401

Lab ID	Date	Time	Matrix	Sample Number	Total No. of Containers	Chain of Custody Seals	Intact?	Composite or Grab	See Attached	BTEX	GENERAL CHEMISTRY	METALS - RCRA 8 Cd Cr	Remarks
	2/20/96	1054	WATER	960190	5			G		X	X	X	HAMMOND FED #5
	2/20/96	1223	WATER	960191	5			G		X	X	X	FEDERAL R #2
	2/20/96	—	WATER	—	1			G		X			TRIP BLANK

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Dennis Bird	2/20/96 1700				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)

Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks
		[illegible]	2/21/96 0815	

Results & Invoices to:	Charge Code	Date Results Reported / by: (Signature)

San Juan repro Form 71-65