

HIP - 23

**GENERAL
CORRESPONDENCE**

YEAR(S):

1995-1998

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

June 26, 1995

New Mexico Oil Conservation Division
Attn: Mr. Chris Eustice (505) 827-7153
2040 S. Pacheco St.
Santa Fe, NM. 87501

**Re: Permit to Discharge Hydrostatic Test Water from Used Pipe.
Reference NMOCD Certified Mail # P-176-012-143
EPNG Project 5B & 5C.**

Dear Mr. Eustice:

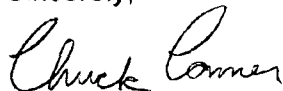
El Paso Natural Gas (EPNG) has conducted hydrostatic tests on its 1300 and 1301 lines in the Gallup, NM area (see attached map). EPNG disposed of approximately 2,000 gallons of soapy wash water into a lined pond. The pond is lined with a 60-mil liner and is located at EPNG's Gallup Station, NE/4, Section 9, Township 19 North, Range 17 West, NMPM, McKinley County, New Mexico.

The remaining 500,000 gallons of test water is currently stored in FRAC tanks located on the right of way of the project site. EPNG has sampled the stored water and sent it to a lab for a full characterization analysis. Please find enclosed, the results from the analysis. Upon approval granted by NMOCD, EPNG wishes to now discharge the test water to trench or right of way. The discharge will be filtered through a sock filter before disposal.

The test water source has come from EPNG's Bluewater Station and was tested prior to the hydrostatic testing. The analytical data of the source water is also enclosed.

EPNG is seeking NMOCD approval to discharge the test water in the above mentioned manner. Due to the limited time, please expedite this request promptly. If you have any questions or need clarification on any of the above statements, please feel free to contact me at 915/541-3320. Thank you for your time and cooperation.

Sincerely,



Chuck Conner
Environmental Compliance Engineer

JUN-28-1995 15:18

FROM BEI LABORATORY

TO

P.01

**BURLINGTON ENVIRONMENTAL
PRELIMINARY GENERAL**

Client:
El Paso Natural Gas Co.
Transmission Operations Lab

Post-It Fax Note 7571

To: <i>Barred</i>	From: <i>G. M. Larson</i>
Co. Rep.	Co.
Phone #	Phone #
Fax #	Fax #

Job Number: 4061

Lab Number	Sample Id	Result	Units	Method	Analyst	Date
95-A10337	F950113					
Chloride		4.0	mg/L	4110	EML	6/19/95
Fluoride		0.21	mg/L	4110	EML	6/19/95
Nitrate		< 2.0	mg/L	4110	EML	6/19/95
pH		7.8	pH	150.1	BLW	6/19/95
Sulfate		80.	mg/L	4110	EML	6/19/95
Total Suspended Solids		3.5	mg/L	2540 D	BLW	6/19/95
95-A10338	F950114 A-J					
Chloride		5.1 -	mg/L	4110	EML	6/19/95
Fluoride		0.26 -	mg/L	4110	EML	6/19/95
Nitrate		< 2.0	mg/L	4110	EML	6/19/95
pH		7.9 -	pH	150.1	BLW	6/19/95
Sulfate		89.	mg/L	4110	EML	6/19/95
Total Suspended Solids		50.	mg/L	2540 D	BLW	6/19/95

Approved By: *E. Larson*Date: *6/20/95*

TOTAL P.01

EPNG:#10

SENT BY: EL PASO NATURAL GAS CO: 6-22-95 : 8:59 : T.O.E. LABORATORY+

JUN-22-1995 15:11

FROM BEL LABORATORY

TO

P.01

BURLINGTON ENVIRONMENTAL (P)
PRELIMINARY METALS ANALYSISClient:
El Paso Natural Gas Co.
Transmission Operations Lab

Job Number:4061

Post-Net Fax Note	7671	Date	6/22/95
To	Darrell Campbell	From	Philip E. L. L. L.
Company		Co.	Philip E. L. L. L.
Phone #		Phone #	
Fax #		Fax #	

Lab Number	Sample Id	Analyte	Result	Units	Method
95-A10337	F950113	TOTAL METALS			
		Arsenic	< 0.11	mg/L	6010/200.7
		Barium	< 0.23	mg/L	6010/200.7
		Boron	< 0.057	mg/L	6010/200.7
		Cadmium	< 0.006	mg/L	6010/200.7
		Calcium	49.	mg/L	6010/200.7
		Chromium	< 0.013	mg/L	6010/200.7
		Copper	< 0.028	mg/L	6010/200.7
		Iron	< 0.11	mg/L	6010/200.7
		Lead	< 0.11	mg/L	6010/200.7
		Magnesium	16.	mg/L	6010/200.7
		Manganese	< 0.017	mg/L	6010/200.7
		Mercury	< 0.057	mg/L	6010
		Potassium	< 5.7	mg/L	6010/200.7
		Selenium	< 0.34	mg/L	6010/200.7
		Silver	< 0.011	mg/L	6010/200.7
		Sodium	11.	mg/L	6010/200.7
		Zinc	< 0.023	mg/L	6010/200.7
95-A10338	F950114 A-J	TOTAL METALS			
		Arsenic	< 0.11	mg/L	6010/200.7
		Barium	0.37	mg/L	6010/200.7
		Boron	< 0.057	mg/L	6010/200.7
		Cadmium	< 0.006	mg/L	6010/200.7
		Calcium	45.	mg/L	6010/200.7
		Chromium	< 0.011	mg/L	6010/200.7
		Copper	0.22	mg/L	6010/200.7
		Iron	5.5	mg/L	6010/200.7
		Lead	< 0.11	mg/L	6010/200.7
		Magnesium	16.	mg/L	6010/200.7
		Manganese	0.15	mg/L	6010/200.7
		Mercury	< 0.057	mg/L	6010
		Potassium	< 5.7	mg/L	6010/200.7
		Selenium	< 0.34	mg/L	6010/200.7
		Silver	< 0.011	mg/L	6010/200.7
		Sodium	12.	mg/L	6010/200.7
		Zinc	< 0.23	mg/L	6010/200.7

Approved By: E. L. L. L.Date: 6/20/95

TOTAL P.01

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 624/8260

SAMPLE: TRIP BLANK
 GCMS FILE: 062206.D
 LAB ID: 95A10340
 DIL. FAC: 5
 ML SAMP: 1.0 ML

ANALYZED: 06/22/95
 RECEIVED: 08/15/95
 ANALYST: CRB
 STD ID: 060202.D

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
591-78-6	2-Hexanone	25	ND	
106-93-4	1,2-Dibromoethane	5	ND	
124-48-1	Dibromochloromethane	5	ND	
630-20-6	1,1,1,2-Tetrachloroethane	15	ND	
108-90-7	Chlorobenzene	5	ND	
100-41-4	Ethylbenzene	5	ND	
108-38-3	m-Xylene	5	ND	
106-42-3	p-Xylene	5	ND	
95-47-6	o-Xylene	5	ND	
100-42-5	Styrene	5	ND	
75-25-2	Bromoform	5	ND	
98-32-8	Isopropylbenzene	5	ND	
79-34-5	1,1,2,2-Tetrachloroethane	15	ND	
108-86-1	Bromobenzene	5	ND	
103-65-1	n-propylbenzene	5	ND	
108-67-8	1,3,5-Trimethylbenzene	5	ND	
95-49-8	2-Chlorotoluene	5	ND	
106-43-4	4-Chlorotoluene	5	ND	
98-06-6	tert-Butylbenzene	5	ND	
95-63-6	1,2,4-Trimethylbenzene	5	ND	
135-98-8	sec-Butylbenzene	5	ND	
541-73-1	1,3-Dichlorobenzene	5	ND	
106-46-7	1,4-Dichlorobenzene	5	ND	
104-51-8	n-Butylbenzene	5	ND	
99-87-8	p-Isopropyltoluene	5	ND	
95-50-1	1,2-Dichlorobenzene	5	ND	
96-12-8	1,2-Dibromo-3-chloropropane	25	ND	
120-82-1	1,2,4-Trichlorobenzene	5	ND	
87-68-3	Hexachlorobutadiene	5	ND	
91-20-3	Naphthalene	25	ND	
87-61-6	1,2,3-Trichlorobenzene	5	ND	

ND = NOT DETECTED AT DETECTION LIMIT; B = IN BLANK; J = DETECTED BELOW DL.
 E = THE CONCENTRATION OF THIS ANALYTE EXCEEDED THE INSTRUMENT CALIBRATION RANGE.

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 824/B280

SAMPLE: TRIP BLANK
 GCMS FILE: 062206.D
 LAB ID: 95A10340
 DIL. FAC: 6
 ML SAMP: 1.0 ML

ANALYZED: 06/22/95
 RECEIVED: 06/15/95
 ANALYST: Luna/Backer
 STD ID: 060202.D

SURR. REC%
 SS1 = 105
 SS2 = 99
 SS3 = 103

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB (FLAGS)
75-71-8	Dichlorodifluoromethane	5	ND
74-87-3	Chloromethane	5	ND
75-01-4	Vinyl chloride	5	ND
74-83-9	Bromomethane	5	ND
75-00-3	Chloroethane	5	ND
75-69-4	Trichlorofluoromethane	5	ND
308-83-2	1,1-Dichloro-1,2,2-Trifluoroethane	25	ND
75-35-4	1,1-Dichloroethene	5	ND
76-13-1	1,1,2-Trichlorotrifluoroethane	25	ND
67-64-1	Acetone	25	ND
75-15-0	Carbon Disulfide	5	ND
107-83-5	2-Methylpentane	25	ND
75-09-2	Methylene Chloride	25	ND
96-14-0	3-Methylpentane	25	ND
107-13-1	Acrylonitrile	25	ND
156-60-5	trans-1,2-Dichloroethene	5	ND
75-34-3	1,1-Dichloroethane	5	ND
108-05-4	Vinyl Acetate	5	ND
96-37-7	Methylcyclopentane	5	ND
107-02-8	Acrollen	100	ND
594-20-7	2,2-Dichloropropane	5	ND
156-59-2	cis-1,2-Dichloroethene	5	ND
78-93-3	2-Butanone (MEK)	25	ND
74-97-5	Bromochloromethane	5	ND
67-66-3	Chloroform	5	ND
71-55-6	1,1,1-Trichloroethane	5	ND
563-58-6	1,1-Dichloropropene	5	ND
56-23-5	Carbon Tetrachloride	5	ND
107-06-2	1,2-Dichloroethane	5	ND
71-43-2	Benzene	5	ND
79-01-6	Trichloroethene	10	ND
78-87-5	1,2-Dichloropropane	5	ND
74-95-3	Dibromomethane	5	ND
75-27-4	Bromodichloromethane	5	ND
110-75-8	2-Chlorethyl vinyl ether	5	ND
10061-01-5	cis-1,3-Dichloropropene	5	ND
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	ND
108-88-3	Toluene	10	ND
96-18-4	1,2,3-Trichloropropane	5	ND
10061-02-6	Trans-1,3-Dichloropropene	5	ND
79-00-5	1,1,2-Trichloroethane	5	ND
142-28-9	1,3-Dichloropropane	5	ND
127-18-4	Tetrachloroethene	5	ND

Test water
BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

FPA Method 824/8280

SAMPLE: F950114
GCMS FILE: 062207.D
LAB ID: 95A10338
DIL. FAC: 5
ML SAMP: 1.0 ML

ANALYZED: 06/22/95
RECEIVED: 06/15/95
ANALYST: CRB
STD ID: 060202.D

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
591-78-6	2-Hexanone	25	ND	
106-93-4	1,2-Dibromoethane	5	ND	
124 48 1	Dibromochloromethane	5	ND	
630-20-8	1,1,1,2-Tetrachloroethane	15	ND	
108-90-7	Chlorobenzene	5	ND	
100-41-4	Ethylbenzene	5	ND	
108-38-3	m-Xylene	5	ND	
108-42-3	p-Xylene	5	ND	
95-47-6	o-Xylene	5	ND	
100-42-5	Styrene	5	ND	
75-25-2	Bromoform	5	ND	
98-32-8	Isopropylbenzene	5	ND	
79-34-5	1,1,2,2-Tetrachloroethane	15	ND	
108-86-1	Bromobenzene	5	ND	
103-65-1	n-propylbenzene	5	ND	
108-87-8	1,3,5-Trimethylbenzene	5	ND	
95-49-8	2-Chlorotoluene	5	ND	
106-43-4	4-Chlorotoluene	5	ND	
98-06-6	tert-Butylbenzene	5	ND	
95-63-6	1,2,4-Trimethylbenzene	5	ND	
135-98-8	sec-Butylbenzene	5	ND	
541-73-1	1,3-Dichlorobenzene	5	ND	
106-46-7	1,4-Dichlorobenzene	5	ND	
104-51-8	n-Butylbenzene	5	ND	
99-87-6	p-Isopropyltoluene	5	ND	
95-50-1	1,2-Dichlorobenzene	5	ND	
96-12-8	1,2-Dibromo-3-chloropropane	25	ND	
120-82-1	1,2,4-Trichlorobenzene	5	ND	
87-68-3	Hexachlorobutadiene	5	ND	
91-20-3	Naphthalene	25	ND	
87-61-6	1,2,3-Trichlorobenzene	5	ND	

ND = NOT DETECTED AT DETECTION LIMIT; B = IN BLANK; J = DETECTED BELOW DL.
E = THE CONCENTRATION OF THIS ANALYTE EXCEEDED THE INSTRUMENT CALIBRATION RANGE.

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

SAMPLE: F950114 ✓ FPA Method 624/8280
 GCM8 FILE: 062207.D ANALYZED: 06/22/95 SURR. REC%
 LAB ID: 95A10338 RECEIVED: 06/16/95 SS1 = 112
 DIL. FAC: 5 ANALYST: Luna/Backer SS2 = 98
 ML SAMP: 1.0 ML STD ID: 080202.D SS3 = 103

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB (FLAGS)
75-71-8	Dichlorodifluoromethane	5	ND
74-87-3	Chloromethane	5	ND
75-01-4	Vinyl chloride	5	ND
74-83-9	Bromomethane	5	ND
75-00-3	Chloroethane	5	ND
75-69-4	Trichlorofluoromethane	5	ND
306-83-2	1,1-Dichloro-1,2,2-Trifluoroethane	25	ND
75-35-4	1,1-Dichloroethane	5	ND
76-13-1	1,1,2-Trichlorotrifluoroethane	25	ND
67-64-1	Acetone	25	ND
75-15-0	Carbon Disulfide	5	ND
107-83-5	2-Methylpentane	25	ND
75-09-2	Methylene Chloride	25	ND
90-14-0	3-Methylpentane	25	ND
107-13-1	Acrylonitrile	25	ND
156-80-5	trans-1,2-Dichloroethene	5	ND
75-34-3	1,1-Dichloroethane	5	ND
108-05-4	Vinyl Acetate	5	ND
96-37-7	Methylcyclopentane	5	ND
107-02-8	Acrollen	100	ND
594-20-7	2,2-Dichloropropane	5	ND
156-59-2	cis-1,2-Dichloroethene	5	ND
78-03-3	2-Butanone (MEK)	25	ND
74-97-5	Bromochloromethane	5	ND
67-66-3	Chloroform	5	ND
71-55-6	1,1,1-Trichloroethane	5	ND
563-58-6	1,1-Dichloropropene	5	ND
56-23-5	Carbon Tetrachloride	5	ND
107-06-2	1,2-Dichloroethane	5	ND
71-43-2	Benzene	5	ND
79-01-6	Trichloroethene	10	ND
78-87-6	1,2-Dichloropropane	5	ND
74-85-3	Dibromomethane	5	ND
75-27-4	Bromodichloromethane	5	ND
110-75-8	2-Chloroethyl vinyl ether	5	ND
10061-01-5	cis-1,3-Dichloropropene	5	ND
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	ND
108-88-3	Toluene	10	ND
96-18-4	1,2,3-Trichloropropane	5	ND
10061-02-6	Trans-1,3-Dichloropropene	5	ND
79-00-5	1,1,2-Trichloroethane	5	ND
142-28-9	1,3-Dichloropropane	5	ND
127-18-4	Tetrachloroethene	5	ND

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 824/8260

SAMPLE: F950113
 GCMS FILE: 062204.D
 LAB ID: 95A10337
 DIL. FAC: 5
 ML SAMP: 1.0 ML

ANALYZED: 06/22/95
 RECEIVED: 06/15/95
 ANALYST: CRB
 STD ID: 060202.D

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
591-78-6	2-Hexanone	25	ND	
106-93-4	1,2-Dibromoethane	5	ND	
124-48-1	Dibromochloromethane	5	ND	
630-20-6	1,1,1,2-Tetrachloroethane	15	ND	
108-90-7	Chlorobenzene	5	ND	
100-41-4	Ethylbenzene	5	ND	
106-38-3	m-Xylene	5	ND	
106-42-3	p-Xylene	5	ND	
95-47-6	o-Xylene	5	ND	
100-42-5	Styrene	5	ND	
75-25-2	Bromoform	5	ND	
98-32-8	Isopropylbenzene	5	ND	
79-34-5	1,1,2,2-Tetrachloroethane	15	ND	
108-86-1	Bromobenzene	5	ND	
103-65-1	n-propylbenzene	5	ND	
108-67-8	1,3,5-Trimethylbenzene	5	ND	
95-49-8	2-Chlorotoluene	5	ND	
106-43-4	4-Chlorotoluene	5	ND	
98-06-6	tert-Butylbenzene	5	ND	
95-63-6	1,2,4-Trimethylbenzene	5	ND	
135-98-8	sec-Butylbenzene	5	ND	
541-73-1	1,3-Dichlorobenzene	5	ND	
106-46-7	1,4-Dichlorobenzene	5	ND	
104-51-8	n-Butylbenzene	5	ND	
99-87-6	p-Isopropyltoluene	5	ND	
95-50-1	1,2-Dichlorobenzene	5	ND	
96-12-8	1,2-Dibromo-3-chloropropane	25	ND	
120-82-1	1,2,4-Trichlorobenzene	5	ND	
87-68-3	Hexachlorobutadiene	5	ND	
91-20-3	Naphthalene	25	ND	
87-61-6	1,2,3-Trichlorobenzene	5	ND	

ND = NOT DETECTED AT DETECTION LIMIT; B = IN BLANK; J = DETECTED BELOW DL.
 E = THE CONCENTRATION OF THIS ANALYTE EXCEEDED THE INSTRUMENT CALIBRATION RANGE.

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 624/8260

SAMPLE: F950113
 GCMS FILE: 062204.D
 LAB ID: 95A10337
 DIL. FAC: 5
 ML SAMP: 1.0 ML

ANALYZED: 06/22/95
 RECEIVED: 06/16/95
 ANALYST: Luna/Backer
 STD ID: 060202.D

SURR. REC%
 SS1 = 105
 SS2 = 99
 SS3 = 102

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB (FLAGS)
75-71-8	Dichlorodifluoromethane	5	ND
74-87-3	Chloromethane	5	ND
75-01-4	Vinyl chloride	5	ND
74-83-9	Bromomethane	5	ND
75-00-3	Chloroethane	5	ND
75-69-4	Trichlorofluoromethane	5	ND
306-83-2	1,1-Dichloro-1,2,2-Trifluoroethane	25	ND
75-35-4	1,1-Dichloroethene	5	ND
76-13-1	1,1,2-Trichlorotrifluoroethane	25	ND
67-64-1	Acetone	25	ND
75-15-0	Carbon Disulfide	5	ND
107-83-5	2-Methylpentane	25	ND
75-09-2	Methylene Chloride	25	ND
96-14-0	3-Methylpentane	25	ND
107-13-1	Acrylonitrile	25	ND
156-00-5	trans-1,2-Dichloroethene	5	ND
75-34-3	1,1-Dichloroethane	5	ND
108-06-4	Vinyl Acetate	5	ND
96-37-7	Methylcyclopentane	5	ND
107-02-8	Acrollen	100	ND
594-20-7	2,2-Dichloropropane	5	ND
156-59-2	cis-1,2-Dichloroethene	5	ND
78-93-3	2-Butanone (MEK)	25	ND
74-97-5	Bromochloromethane	5	ND
67-66-3	Chloroform	5	ND
71-55-6	1,1,1-Trichloroethane	5	ND
563-55-6	1,1-Dichloropropene	5	ND
56-23-5	Carbon Tetrachloride	5	ND
107-06-2	1,2-Dichloroethane	5	ND
71-43-2	Benzene	5	ND
78-01-6	Trichloroethene	10	ND
78-87-5	1,2-Dichloropropane	5	ND
74-95-3	Dibromomethane	5	ND
75-27-4	Bromodichloromethane	5	ND
110-75-8	2-Chlorethyl vinyl ether	5	ND
10001-01-5	cis-1,3-Dichloropropene	5	ND
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	ND
108-88-3	Toluene	10	ND
96-18-4	1,2,3-Trichloropropane	5	ND
10061-02-6	Trans-1,3-Dichloropropene	5	ND
79-00-5	1,1,2-Trichloroethane	5	ND
142-28-9	1,3-Dichloropropane	5	ND
127-18-4	Tetrachloroethene	5	ND

BURLINGTON ENVIRONMENTAL INC. - CORPORATE LABORATORY**General Laboratory Report**

Job Number : 95A10337, 95A10338, 95A10340

Plant/Generator : El Paso

Sample Type : Water

Date of Receipt : 06/16/95 Analyst : CRB

Date of Report : 06/22/95 QC Review: *KSC*

Parameters for Analysis : 624/8260 (VOC)

Outside Laboratory : None Outside Lab Report No: NA

Data:

The results for the samples listed above were obtained by GCMS analysis using EPA SW846 Method 8260.

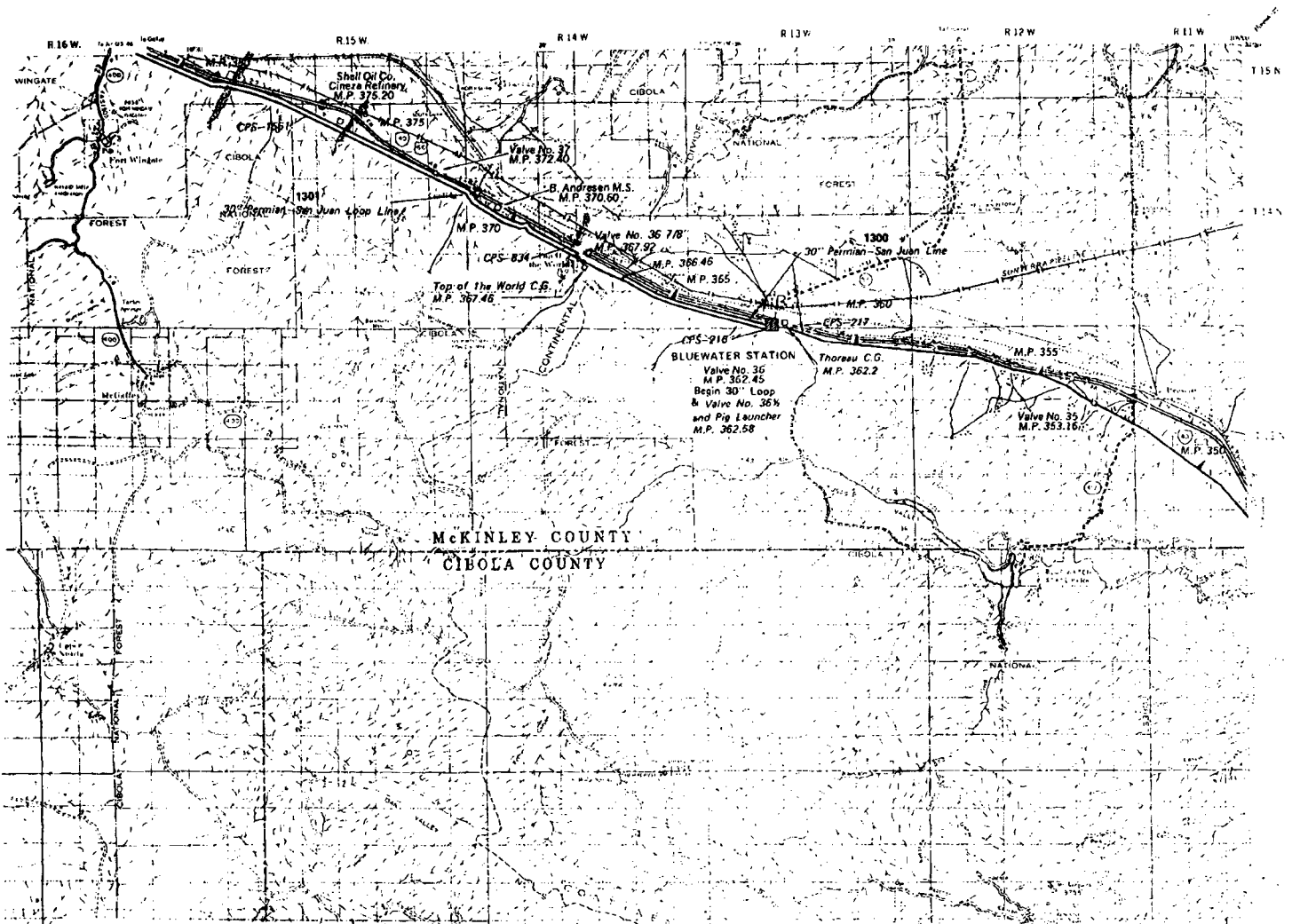
*F-95-0113
Source Water
Sample*

*F-95-0114
Composite - Dewater
in FRAC Tanks*

Comments and Conclusions:

GCMS analysis performed using a HP 5972/5890 II MSD/GC.

MATCH WITH SHEET A-D



Project 5B (1301)
Gallup

Milepost to milepost
363+00 $\Leftrightarrow$ 368+00

Engr. Sta. to Engr. Sta.
1870+15.8 $\Leftrightarrow$ 2131+39.6

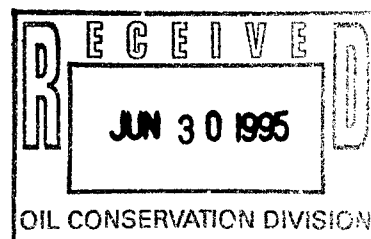
Project 5C (1300)
Gallup

Mile post to milepost
375+00 $\Leftrightarrow$ 377+00

Engr. Sta. to Engr. Sta.
2501+5.3 $\Leftrightarrow$ 25+46.5

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600



June 26, 1995

New Mexico Oil Conservation Division
Attn: Mr. Chris Eustice (505) 827-7153
2040 S. Pacheco St.
Santa Fe, NM. 87501

**Re: Permit to Discharge Hydrostatic Test Water from Used Pipe.
Reference NMOCD Certified Mail # P-176-012-143
EPNG Project 5B & 5C.**

Dear Mr. Eustice:

El Paso Natural Gas (EPNG) has conducted hydrostatic tests on its 1300 and 1301 lines in the Gallup, NM area (see attached map). EPNG disposed of approximately 2,000 gallons of soapy wash water into a lined pond. The pond is lined with a 60-mil liner and is located at EPNG's Gallup Station, NE/4, Section 9, Township 19 North, Range 17 West, NMPM, McKinley County, New Mexico.

The remaining 500,000 gallons of test water is currently stored in FRAC tanks located on the right of way of the project site. EPNG has sampled the stored water and sent it to a lab for a full characterization analysis. Please find enclosed, the results from the analysis. Upon approval granted by NMOCD, EPNG wishes to now discharge the test water to trench or right of way. The discharge will be filtered through a sock filter before disposal.

The test water source has come from EPNG's Bluewater Station and was tested prior to the hydrostatic testing. The analytical data of the source water is also enclosed.

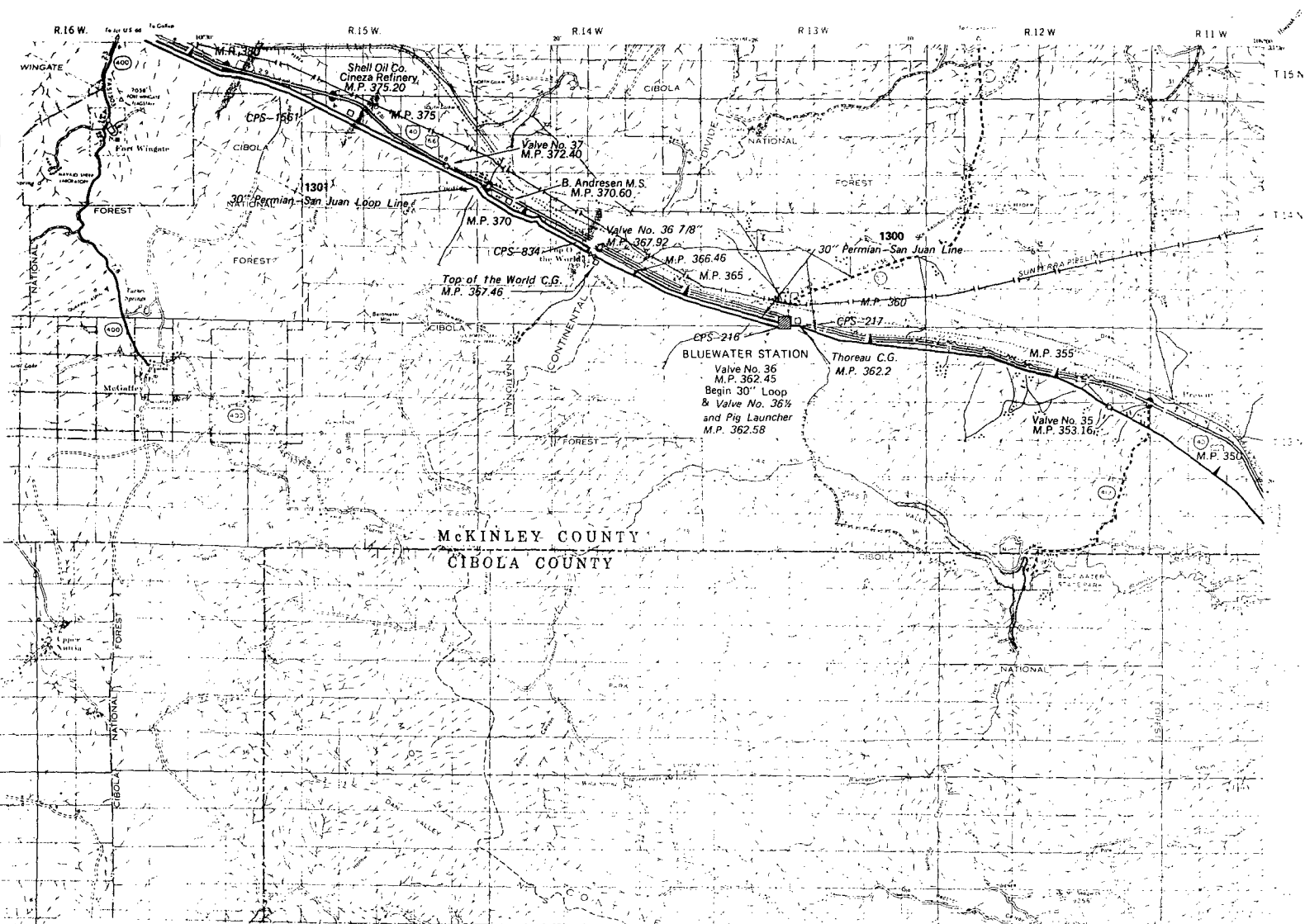
EPNG is seeking NMOCD approval to discharge the test water in the above mentioned manner. Due to the limited time, please expedite this request promptly. If you have any questions or need clarification on any of the above statements, please feel free to contact me at 915/541-3320. Thank you for your time and cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Chuck Conner".

Chuck Conner
Environmental Compliance Engineer

MATCH WITH SHEET A-9



Project 5B (1301)
Gallup

milepost to milepost
363+00 $\Rightarrow$ 368+00

Engr. Sta. to Engr. Sta.
1870+15.8 $\Rightarrow$ 2131+39.6

Project 5C (1300)
Gallup

milepost to milepost
375+00 $\Rightarrow$ 377+00

Engr. Sta. to Engr. Sta.
2501+5.3 $\Rightarrow$ 25+46.5

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 624/8260

SAMPLE: F950113
GCMS FILE: 062204.D
LAB ID: 95A10337
DIL. FAC: 5
ML SAMP: 1.0 ML

ANALYZED: 06/22/95
RECEIVED: 06/15/95
ANALYST: Luna/Backer
STD ID: 060202.D

SURR. REC%

SS1 =	105
SS2 =	99
SS3 =	102

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
75-71-8	Dichlorodifluoromethane	5	ND	
74-87-3	Chloromethane	5	ND	
75-01-4	Vinyl chloride	5	ND	
74-83-9	Bromomethane	5	ND	
75-00-3	Chloroethane	5	ND	
75-69-4	Trichlorofluoromethane	5	ND	
306-83-2	1,1-Dichloro-1,2,2-Trifluoroethane	25	ND	
75-35-4	1,1-Dichloroethene	5	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	25	ND	
67-64-1	Acetone	25	ND	
75-15-0	Carbon Disulfide	5	ND	
107-83-5	2-Methylpentane	25	ND	
75-09-2	Methylene Chloride	25	ND	
96-14-0	3-Methylpentane	25	ND	
107-13-1	Acrylonitrile	25	ND	
156-60-5	trans-1,2-Dichloroethene	5	ND	
75-34-3	1,1-Dichloroethane	5	ND	
108-05-4	Vinyl Acetate	5	ND	
96-37-7	Methylcyclopentane	5	ND	
107-02-8	Acrolein	100	ND	
594-20-7	2,2-Dichloropropane	5	ND	
156-59-2	cis-1,2-Dichloroethene	5	ND	
78-93-3	2-Butanone (MEK)	25	ND	
74-97-5	Bromochloromethane	5	ND	
67-66-3	Chloroform	5	ND	
71-55-6	1,1,1-Trichloroethane	5	ND	
563-58-6	1,1-Dichloropropene	5	ND	
56-23-5	Carbon Tetrachloride	5	ND	
107-06-2	1,2-Dichloroethane	5	ND	
71-43-2	Benzene	5	ND	
79-01-6	Trichloroethene	10	ND	
78-87-5	1,2-Dichloropropane	5	ND	
74-95-3	Dibromomethane	5	ND	
75-27-4	Bromodichloromethane	5	ND	
110-75-8	2-Chloroethyl vinyl ether	5	ND	
10061-01-5	cis-1,3-Dichloropropene	5	ND	
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	ND	
108-88-3	Toluene	10	ND	
96-18-4	1,2,3-Trichloropropane	5	ND	
10061-02-6	Trans-1,3-Dichloropropene	5	ND	
79-00-5	1,1,2-Trichloroethane	5	ND	
142-28-8	1,3-Dichloropropane	5	ND	
127-18-4	Tetrachloroethene	5	ND	

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 624/8260

SAMPLE: F950113
GCMS FILE: 062204.D
LAB ID: 95A10337
DIL. FAC: 5
ML SAMP: 1.0 ML

ANALYZED: 06/22/95
RECEIVED: 06/15/95
ANALYST: CRB
STD ID: 060202.D

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
591-78-6	2-Hexanone	25	ND	
106-93-4	1,2-Dibromoethane	5	ND	
124-48-1	Dibromochloromethane	5	ND	
630-20-6	1,1,1,2-Tetrachloroethane	15	ND	
108-90-7	Chlorobenzene	5	ND	
100-41-4	Ethylbenzene	5	ND	
108-38-3	m-Xylene	5	ND	
106-42-3	p-Xylene	5	ND	
95-47-6	o-Xylene	5	ND	
100-42-5	Styrene	5	ND	
75-25-2	Bromoform	5	ND	
98-32-8	Isopropylbenzene	5	ND	
79-34-5	1,1,2,2-Tetrachloroethane	15	ND	
108-86-1	Bromobenzene	5	ND	
103-65-1	n-propylbenzene	5	ND	
108-67-8	1,3,5-Trimethylbenzene	5	ND	
95-49-8	2-Chlorotoluene	5	ND	
106-43-4	4-Chlorotoluene	5	ND	
98-06-6	tert-Butylbenzene	5	ND	
95-63-6	1,2,4-Trimethylbenzene	5	ND	
135-98-8	sec-Butylbenzene	5	ND	
541-73-1	1,3-Dichlorobenzene	5	ND	
106-46-7	1,4-Dichlorobenzene	5	ND	
104-51-8	n-Butylbenzene	5	ND	
99-87-6	p-Isopropyltoluene	5	ND	
95-50-1	1,2-Dichlorobenzene	5	ND	
96-12-8	1,2-Dibromo-3-chloropropane	25	ND	
120-82-1	1,2,4-Trichlorobenzene	5	ND	
87-68-3	Hexachlorobutadiene	5	ND	
91-20-3	Naphthalene	25	ND	
87-61-6	1,2,3-Trichlorobenzene	5	ND	

ND = NOT DETECTED AT DETECTION LIMIT; B = IN BLANK; J = DETECTED BELOW DL.
E= THE CONCENTRATION OF THIS ANALYTE EXCEEDED THE INSTRUMENT CALIBRATION RANGE.

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

FPA Method 824/8280

SAMPLE: F950114
 GCMS FILE: 062207.D
 LAB ID: 95A10338
 DIL. FAC: 5
 ML SAMP: 1.0 ML

ANALYZED: 06/22/95
 RECEIVED: 06/15/95
 ANALYST: Luna/Backer
 STD ID: 060202.D

SURR. REC%
 SS1 = 112
 SS2 = 98
 SS3 = 103

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
75-71-8	Dichlorodifluoromethane	5	ND	
74-87-3	Chloromethane	5	ND	
75-01-4	Vinyl chloride	5	ND	
74-83-9	Bromomethane	5	ND	
75-00-3	Chloroethane	5	ND	
75-69-4	Trichlorofluoromethane	5	ND	
306-83-2	1,1-Dichloro-1,2,2-Trifluoroethane	25	ND	
75-35-4	1,1-Dichloroethene	5	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	25	ND	
67-64-1	Acetone	25	ND	
75-15-0	Carbon Disulfide	5	ND	
107-83-5	2-Methylpentane	25	ND	
75-09-2	Methylene Chloride	25	ND	
96-14-0	3-Methylpentane	25	ND	
107-13-1	Acrylonitrile	25	ND	
156-60-5	trans-1,2-Dichloroethene	5	ND	
75-34-3	1,1-Dichloroethane	5	ND	
108-05-4	Vinyl Acetate	5	ND	
96-37-7	Methylcyclopentane	5	ND	
107-02-8	Acrolien	100	ND	
594-20-7	2,2-Dichloropropane	5	ND	
156-59-2	cis-1,2-Dichloroethene	5	ND	
79-03-3	2-Butanone (MEK)	25	ND	
74-97-5	Bromochloromethane	5	ND	
67-66-3	Chloroform	5	ND	
71-55-6	1,1,1-Trichloroethane	5	ND	
563-58-6	1,1-Dichloropropene	5	ND	
56-23-5	Carbon Tetrachloride	5	ND	
107-06-2	1,2-Dichloroethane	5	ND	
71-43-2	Benzene	5	ND	
79-01-6	Trichloroethene	10	ND	
78-87-5	1,2-Dichloropropane	5	ND	
74-95-3	Dibromomethane	5	ND	
75-27-4	Bromodichloromethane	5	ND	
110-75-8	2-Chlorethyl vinyl ether	5	ND	
10061-01-5	cis-1,3-Dichloropropene	5	ND	
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	ND	
108-88-3	Toluene	10	ND	
96-18-4	1,2,3-Trichloropropane	5	ND	
10061-02-6	Trans-1,3-Dichloropropene	5	ND	
79-00-5	1,1,2-Trichloroethane	5	ND	
142-28-9	1,3-Dichloropropane	5	ND	
127-18-4	Tetrachloroethene	5	ND	

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

FPA Method 824/8260

SAMPLE: F950114
 GCM3 FILE: 062207.D
 LAB ID: 95A10338
 DIL. FAC: 5
 ML SAMP: 1.0 ML

ANALYZED: 06/22/95
 RECEIVED: 06/15/95
 ANALYST: CRB
 STD ID: 060202.D

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
591-78-6	2-Hexanone	25	ND	
106-93-4	1,2-Dibromoethane	5	ND	
124-48-1	Dibromochloromethane	5	ND	
630-20-6	1,1,1,2-Tetrachloroethane	15	ND	
108-90-7	Chlorobenzene	5	ND	
100-41-4	Ethylbenzene	5	ND	
108-38-3	m-Xylene	5	ND	
106-42-3	p-Xylene	5	ND	
95-47-6	o-Xylene	5	ND	
100-42-5	Styrene	5	ND	
75-25-2	Bromoform	5	ND	
98-32-8	Isopropylbenzene	5	ND	
79-34-5	1,1,2,2-Tetrachloroethane	15	ND	
108-86-1	Bromobenzene	5	ND	
103-65-1	n-propylbenzene	5	ND	
108-67-8	1,3,5-Trimethylbenzene	5	ND	
95-49-8	2-Chlorotoluene	5	ND	
106-43-4	4-Chlorotoluene	5	ND	
98-06-6	tert-Butylbenzene	5	ND	
95-63-6	1,2,4-Trimethylbenzene	5	ND	
135-98-8	sec-Butylbenzene	5	ND	
541-73-1	1,3-Dichlorobenzene	5	ND	
106-46-7	1,4-Dichlorobenzene	5	ND	
104-51-8	n-Butylbenzene	5	ND	
99-87-6	p-Isopropyltoluene	5	ND	
95-50-1	1,2-Dichlorobenzene	5	ND	
96-12-8	1,2-Dibromo-3-chloropropane	25	ND	
120-82-1	1,2,4-Trichlorobenzene	5	ND	
87-68-3	Hexachlorobutadiene	5	ND	
91-20-3	Naphthalene	25	ND	
87-61-6	1,2,3-Trichlorobenzene	5	ND	

ND = NOT DETECTED AT DETECTION LIMIT; B = IN BLANK; J = DETECTED BELOW DL.
 E = THE CONCENTRATION OF THIS ANALYTE EXCEEDED THE INSTRUMENT CALIBRATION RANGE.

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 624/8280

SAMPLE: TRIP BLANK
GCMS FILE: 062206.D
LAB ID: 95A10340
DIL. FAC: 5
ML SAMP: 1.0 ML

ANALYZED: 06/22/95
RECEIVED: 06/15/95
ANALYST: Luna/Backer
STD ID: 060202.D

SURR. REC%
SS1 = 105
SS2 = 99
SS3 = 103

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
75-71-8	Dichlorodifluoromethane	5	ND	
74-87-3	Chloromethane	5	ND	
75-01-4	Vinyl chloride	5	ND	
74-83-9	Bromomethane	5	ND	
75-00-3	Chloroethane	5	ND	
75-69-4	Trichlorofluoromethane	5	ND	
308-83-2	1,1-Dichloro-1,2,2-Trifluoroethane	25	ND	
75-35-4	1,1-Dichloroethene	5	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	25	ND	
67-64-1	Acetone	25	ND	
75-15-0	Carbon Disulfide	5	ND	
107-83-5	2-Methylpentane	25	ND	
75-09-2	Methylene Chloride	25	ND	
96-14-0	3-Methylpentane	25	ND	
107-13-1	Acrylonitrile	25	ND	
156-60-5	trans-1,2-Dichloroethene	5	ND	
75-34-3	1,1-Dichloroethane	5	ND	
108-05-4	Vinyl Acetate	5	ND	
96-37-7	Methylcyclopentane	5	ND	
107-02-8	Acrolien	100	ND	
594-20-7	2,2-Dichloropropane	5	ND	
156-59-2	cis-1,2-Dichloroethene	5	ND	
78-93-3	2-Butanone (MEK)	25	ND	
74-97-5	Bromochloromethane	5	ND	
67 66 3	Chloroform	5	ND	
71-55-6	1,1,1-Trichloroethane	5	ND	
563-58-6	1,1-Dichloropropene	5	ND	
56-23-5	Carbon Tetrachloride	5	ND	
107-06-2	1,2-Dichloroethane	5	ND	
71-43-2	Benzene	5	ND	
79-01-6	Trichloroethene	10	ND	
78-87-5	1,2-Dichloropropane	5	ND	
74-95-3	Dibromomethane	5	ND	
75-27-4	Bromodichloromethane	5	ND	
110-75-8	2-Chlorethyl vinyl ether	5	ND	
10061-01-5	cis-1,3-Dichloropropene	5	ND	
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	ND	
108-88-3	Toluene	10	ND	
96-18-4	1,2,3-Trichloropropane	5	ND	
10061-02-6	Trans-1,3-Dichloropropene	5	ND	
79-00-5	1,1,2-Trichloroethane	5	ND	
142-28-9	1,3-Dichloropropane	5	ND	
127-18-4	Tetrachloroethene	5	ND	

BURLINGTON ENVIRONMENTAL INC. -CORPORATE LABORATORY

EPA Method 624/8280

SAMPLE: TRIP BLANK
GCMS FILE: 062206.D
LAB ID: 95A10340
DIL. FAC: 5
ML SAMP: 1.0 ML

ANALYZED: 06/22/95
RECEIVED: 08/15/95
ANALYST: CRB
STD ID: 060202.D

CAS NO.	COMPOUND	DETECTION LIMIT PPB	SAMPLE UG/L PPB	(FLAGS)
591-78-6	2-Hexanone	25	ND	
106-93-4	1,2-Dibromoethane	5	ND	
124-48-1	Dibromochloromethane	5	ND	
630-20-6	1,1,1,2-Tetrachloroethane	15	ND	
100-90-7	Chlorobenzene	5	ND	
100-41-4	Ethylbenzene	5	ND	
108-38-3	m-Xylene	5	ND	
106-42-3	p-Xylene	5	ND	
95-47-6	o-Xylene	5	ND	
100-42-5	Styrene	5	ND	
75-25-2	Bromoform	5	ND	
98-32-8	Isopropylbenzene	5	ND	
79-34-5	1,1,2,2-Tetrachloroethane	15	ND	
108 86 1	Bromobenzene	5	ND	
103-65-1	n-propylbenzene	5	ND	
108-67-8	1,3,5-Trimethylbenzene	5	ND	
95-49-8	2-Chlorotoluene	5	ND	
106-43-4	4-Chlorotoluene	5	ND	
98-06-6	tert-Butylbenzene	5	ND	
95-63-6	1,2,4-Trimethylbenzene	5	ND	
135-98-8	sec-Butylbenzene	5	ND	
541-73-1	1,3-Dichlorobenzene	5	ND	
106-46-7	1,4-Dichlorobenzene	5	ND	
104-51-8	n-Butylbenzene	5	ND	
99-87-6	p-Isopropyltoluene	5	ND	
95-50-1	1,2-Dichlorobenzene	5	ND	
96-12-8	1,2-Dibromo-3-chloropropane	25	ND	
120-82-1	1,2,4-Trichlorobenzene	5	ND	
87-68-3	Hexachlorobutadiene	5	ND	
91-20-3	Naphthalene	25	ND	
87-61-6	1,2,3-Trichlorobenzene	5	ND	

ND = NOT DETECTED AT DETECTION LIMIT; B = IN BLANK; J = DETECTED BELOW DL.
E = THE CONCENTRATION OF THIS ANALYTE EXCEEDED THE INSTRUMENT CALIBRATION RANGE.

BURLINGTON ENVIRONMENTAL (PRELIMINARY METALS A)

Client:
El Paso Natural Gas Co.
Transmission Operations Lab

Job Number:4061

Post-It Fax Note 7671

To: <i>Barrell Campbell</i>	From: <i>Eric Larson</i>
Company:	Co: <i>Philip Church</i>
Phone #	Phone #
Fax #	Fax #

Lab Number	Sample Id	Analyte	Result	Units	Method
98-A10337	F950113	TOTAL METALS			
		Arsenic	< 0.11	mg/L	6010/200.7
		Barium	< 0.23	mg/L	6010/200.7
		Boron	< 0.057	mg/L	6010/200.7
		Cadmium	< 0.006	mg/L	6010/200.7
		Calcium	49.	mg/L	6010/200.7
		Chromium	< 0.011	mg/L	6010/200.7
		Copper	< 0.028	mg/L	6010/200.7
		Iron	< 0.11	mg/L	6010/200.7
		Lead	< 0.11	mg/L	6010/200.7
		Magnesium	16.	mg/L	6010/200.7
		Manganese	< 0.017	mg/L	6010/200.7
		Mercury	< 0.057	mg/L	6010
		Potassium	< 5.7	mg/L	6010/200.7
		Selenium	< 0.34	mg/L	6010/200.7
		Silver	< 0.011	mg/L	6010/200.7
		Sodium	11.	mg/L	6010/200.7
		Zinc	< 0.023	mg/L	6010/200.7
98-A10338	F950114 A-J	TOTAL METALS			
		Arsenic	< 0.11	mg/L	6010/200.7
		Barium	0.37	mg/L	6010/200.7
		Boron	< 0.057	mg/L	6010/200.7
		Cadmium	< 0.006	mg/L	6010/200.7
		Calcium	45.	mg/L	6010/200.7
		Chromium	< 0.011	mg/L	6010/200.7
		Copper	0.22	mg/L	6010/200.7
		Iron	5.5	mg/L	6010/200.7
		Lead	< 0.11	mg/L	6010/200.7
		Magnesium	16.	mg/L	6010/200.7
		Manganese	0.15	mg/L	6010/200.7
		Mercury	< 0.057	mg/L	6010
		Potassium	< 5.7	mg/L	6010/200.7
		Selenium	< 0.34	mg/L	6010/200.7
		Silver	< 0.011	mg/L	6010/200.7
		Sodium	12.	mg/L	6010/200.7
		Zinc	< 0.23	mg/L	6010/200.7

Approved By: *E. Larson*

Date: *6/20/95*

TOTAL P.01

BURLINGTON ENVIRONMENTAL
PRELIMINARY GENERAL

Client:
El Paso Natural Gas Co.
Transmission Operations Lab

Job Number: 4061

Post-It Fax Note 7571

To: <i>Durrell</i>	Date: <i>6/20/95</i>
Co. Attn: <i>G.M. Larson</i>	From: <i>G.M. Larson</i>
Phone #	Phone #
Fax #	Fax #

Lab Number	Sample Id	Result	Units	Method	Analyst	Date
95-A10337	F950113					
	Chloride	4.0	mg/L	4110	EML	6/19/95
	Fluoride	0.21	mg/L	4110	EML	6/19/95
	Nitrate	< 2.0	mg/L	4110	EML	6/19/95
	pH	7.8	pH	150.1	BLW	6/15/95
	Sulfate	80.	mg/L	4110	EML	6/19/95
	Total Suspended Solids	3.5	mg/L	2540 D	BLW	6/19/95
95-A10338	F950114 A-J					
	Chloride	5.1	mg/L	4110	EML	6/19/95
	Fluoride	0.26	mg/L	4110	EML	6/19/95
	Nitrate	< 2.0	mg/L	4110	EML	6/19/95
	pH	7.9	pH	150.1	BLW	6/15/95
	Sulfate	89.	mg/L	4110	EML	6/19/95
	Total Suspended Solids	30.	mg/L	2540 D	BLW	6/19/95

Approved By: *E. Larson*Date: *6/20/95*

TOTAL P.01

May 23, 1995

New Mexico Oil Conservation Division
Attn: Mr. Chris Eustice (505) 827-7153
2040 S. Pacheco St.
Santa Fe, NM. 87501

**Re: Notice of Intent to Discharge Hydrostatic Test Water from Used Pipe.
EPNG Projects 5B and 5C.**

Dear Mr. Eustice:

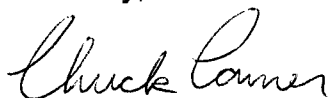
El Paso Natural Gas (EPNG) plans to conduct hydrostatic tests on its 1300 and 1301 lines in the Gallup, NM area (see attached map). EPNG proposes to dispose of approximately 2,000 gallons of soapy wash water into a lined pond. All discharges will occur well within 120 days of each other, and are scheduled to begin on June 13, 1995 and end by July 30, 1995. The pond is lined with a 60-mil liner and is located at EPNG's Gallup Station, NE/4, Tenative Section 9, T-19-N, R-17-W, McKinley County, New Mexico.

EPNG then proposes to store the remaining 500,000 gallons of test water in FRAC tanks located on the right of way at the project site. EPNG will then sample the stored water and send it to a lab for a full characterization analysis. Upon submission of this analysis to NMOCD and upon approval granted by NMOCD, EPNG wishes to then discharge the test water to trench or right of way. The discharge will be filtered through a sock filter before disposal.

The test water source will come from the Bluewater Station and will be tested prior to the hydrostatic testing. The analytical data will be made available to the NMOCD when final discharge approval is sought.

EPNG is seeking NMOCD approval to discharge the test water in the above mentioned manner. Due to the limited time, please expedite this request promptly. If you have any questions or need clarification on any of the above statements, please feel free to contact me at 915/541-3320. Thank you for your time and cooperation.

Sincerely,



Chuck Conner
Environmental Compliance Engineer

Project 5B (1301)
Gallup

Milepost to Milepost
 $363+00 \Rightarrow 368+00$

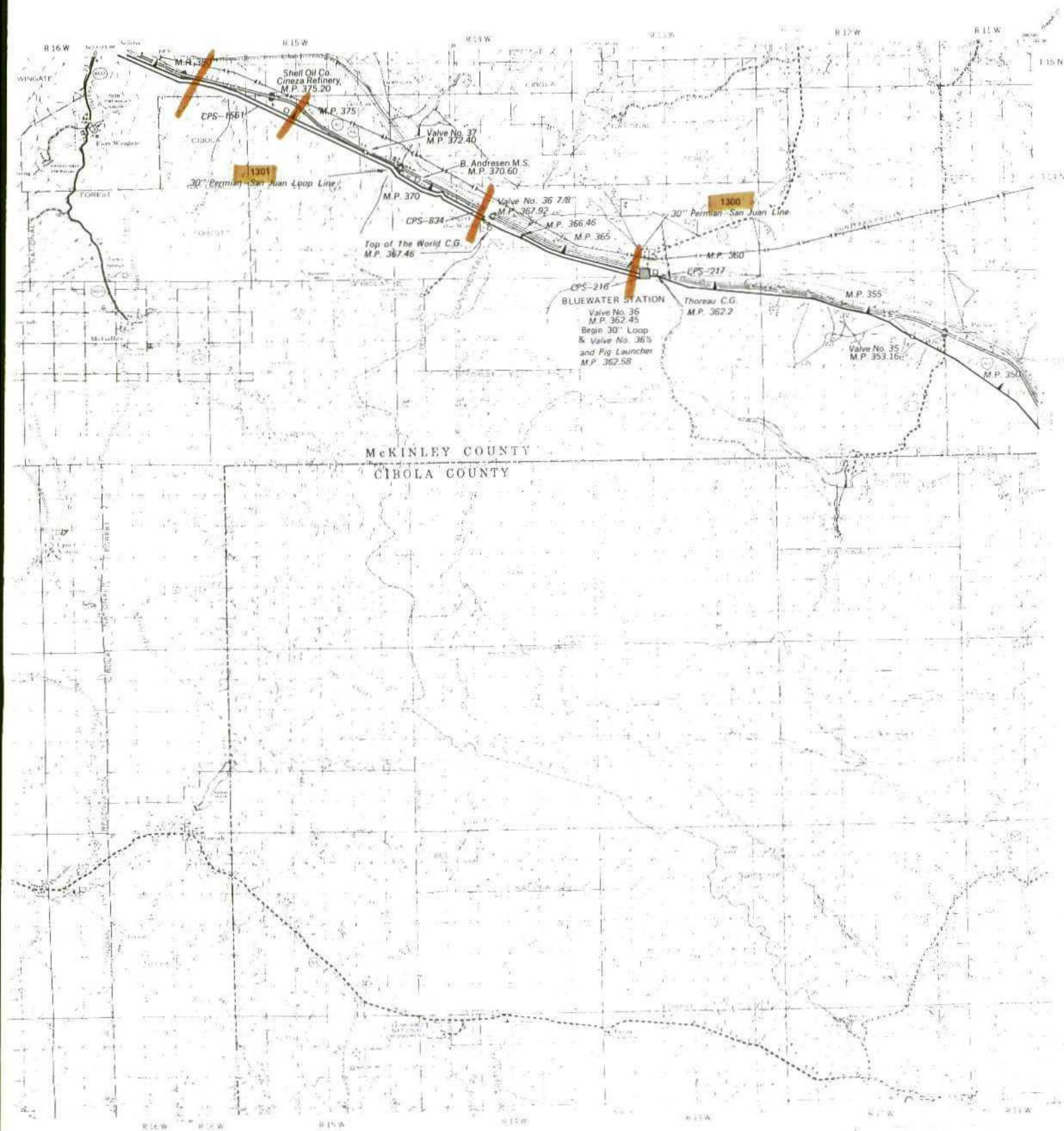
Engr. Sta. to Engr. Sta.
 $1870+15.8 \Rightarrow 2131+39.6$

Project 5C (1300)
Gallup

Milepost to Milepost
 $375+00 \Rightarrow 377+00$

Engr. Sta. to Engr. Sta.
 $2501+5.3 \Rightarrow 25+46.5$

MATCH WITH SHEET A-11



May 23, 1995

New Mexico Oil Conservation Division
Attn: Mr. Chris Eustice (505) 827-7153
2040 S. Pacheco St.
Santa Fe, NM. 87501

**Re: Permit to Discharge Hydrostatic Test Water from New Pipe to Trench.
EPNG Project 5A.**

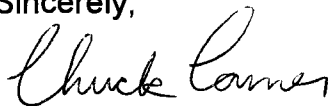
Dear Mr. Eustice:

El Paso Natural Gas (EPNG) plans to conduct hydrostatic tests on its 1300 line in the Gallup, NM area (see attached map). EPNG proposes to dispose of approximately 210,000 gallons of wash water and test water from this testing. EPNG wishes to discharge this water to trench in order to help settle the pipe. All discharges will occur well within 120 days of each other, and are scheduled to begin on June 13, 1995 and end by July 30, 1995.

The test water source will come from the Bluewater Station and will be tested prior to the hydrostatic testing. The de-water will be filtered through a sock filter prior to discharge. Two samples of the de-water will be taken during the discharge into the trench. The analytical data will be made available to the NMOCD upon request.

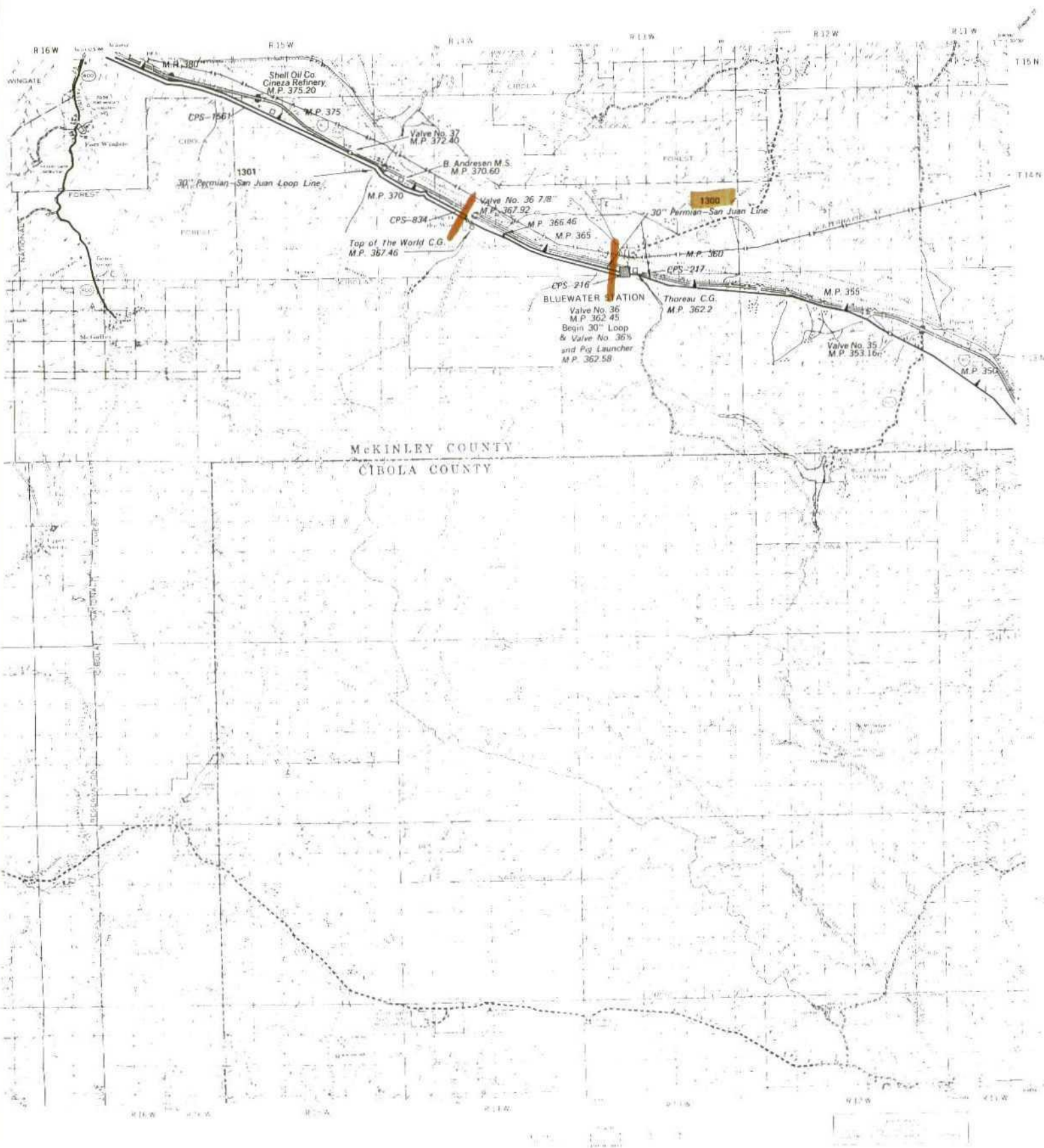
EPNG is seeking NMOCD approval to discharge the test water in the above mentioned manner. Due to the limited time, please expedite this request promptly. If you have any questions or need clarification on any of the above statements, please feel free to contact me at 915/541-3320. Thank you for your time and cooperation.

Sincerely,



Chuck Conner
Environmental Compliance Engineer

MATCH WITH SHEET A 9



Project 5A (1300)
Gallup

Milepoint to Milepoint
 $363+00 \leftrightarrow 368+00$

Engr. Sta. to Engr. Sta.
 $1870+15.8 \leftrightarrow 2131+39.6$

EL PASO
DIVISION
NATURAL GAS COMPANY
JUL CONSERVATION
RECEIVED
'92 JAN 27 AM 10 27

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

January 24, 1992

Mr. Roger Anderson
New Mexico Oil Conservation Division
State Land Office Bldg.
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504

Subject: Permit to Discharge Hydrostatic Test Water From New Pipe Into the Source Pond Located at SW/4, Sec. 17, T16N, R20W, McKinley County, New Mexico

Dear Mr. Anderson:

El Paso Natural Gas Company (EPNG) plans to conduct hydrostatic tests of new pipeline that will be placed in EPNG's San Juan Mainline System in McKinley County near Gallup, New Mexico. The tests will be conducted in several phases with all discharge occurring at one time. The test is tentatively scheduled to begin on January 27, 1992. The test will involve the discharge of approximately 6,500,000 gallons of water back into the water source pond located at SW/4, Sec. 17, T16N, R20W, McKinley County, New Mexico. The pond is owned by Pittsburgh & Midway Coal Mining Company (P&M).

EPNG is seeking NMOCD approval to discharge the test water in the manner described and as such provides the following information as recommended in the NMOCD's "Guidelines for Hydrostatic Test Dewatering" dated May 1989.

LOCATION MAP -

A map indicating the location of the pipeline to be tested and the source pond is included in Tab "A". The new pipeline to be tested is a 36" line that is a section of EPNG's San Juan Mainline Expansion Project. This new line will run parallel to our existing pipeline system Right-of-Way. The source pond is approximately located at M.P. 94 of EPNG's existing 1200 line.

DESCRIPTION OF THE TEST -

The new pipeline will be held under hydrostatic pressure for approximately eight hours. The pipeline will then be dewatered and the test water will be discharged through the tested pipe back into the source pond.

Letter to Roger Anderson
January 24, 1992
Page 2

SOURCE AND ANALYSES OF TEST WATER -

The water for the hydrostatic tests will be obtained from a private pond located at SW/4, Sec. 17, T16N, R20W, McKinley County, New Mexico. Samples of the water are collected on a regular basis by the coal mining operation. As discussed in our telephone conversation on January 21st, samples of the source water and discharge will not be required by NMOCD. Copies of the latest test sample results of the water in the pond, as provided by P&M, are presented behind Tab "B".

The test water will be discharged back into the source pond. The scheduled date for the hydrostatic test water discharge is expected to be February 6 or 7, 1992.

DEPTH TO GROUNDWATER AT DISCHARGE SITE -

This information is unavailable at this time. This information will be provided to NMOCD if found necessary.

IDENTIFICATION OF LANDOWNERS ADJACENT TO THE DISCHARGE SITE -

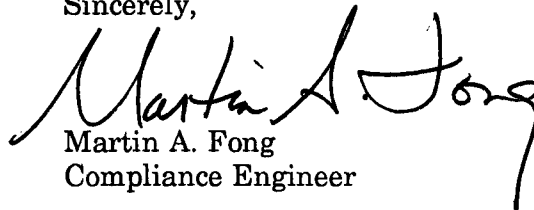
The Pittsburgh and Midway Mining Co. are the sole owners of the entire Survey Section 17. The source (and discharge) pond is approximately located at the center of the section. The land adjacent to Section 17 is tribal Indian land.

WRITTEN PERMISSION OF THE LANDOWNER OF THE DISCHARGE SITE -

Written permission has been obtained from P&M Mining Co. and is included under Tab "C".

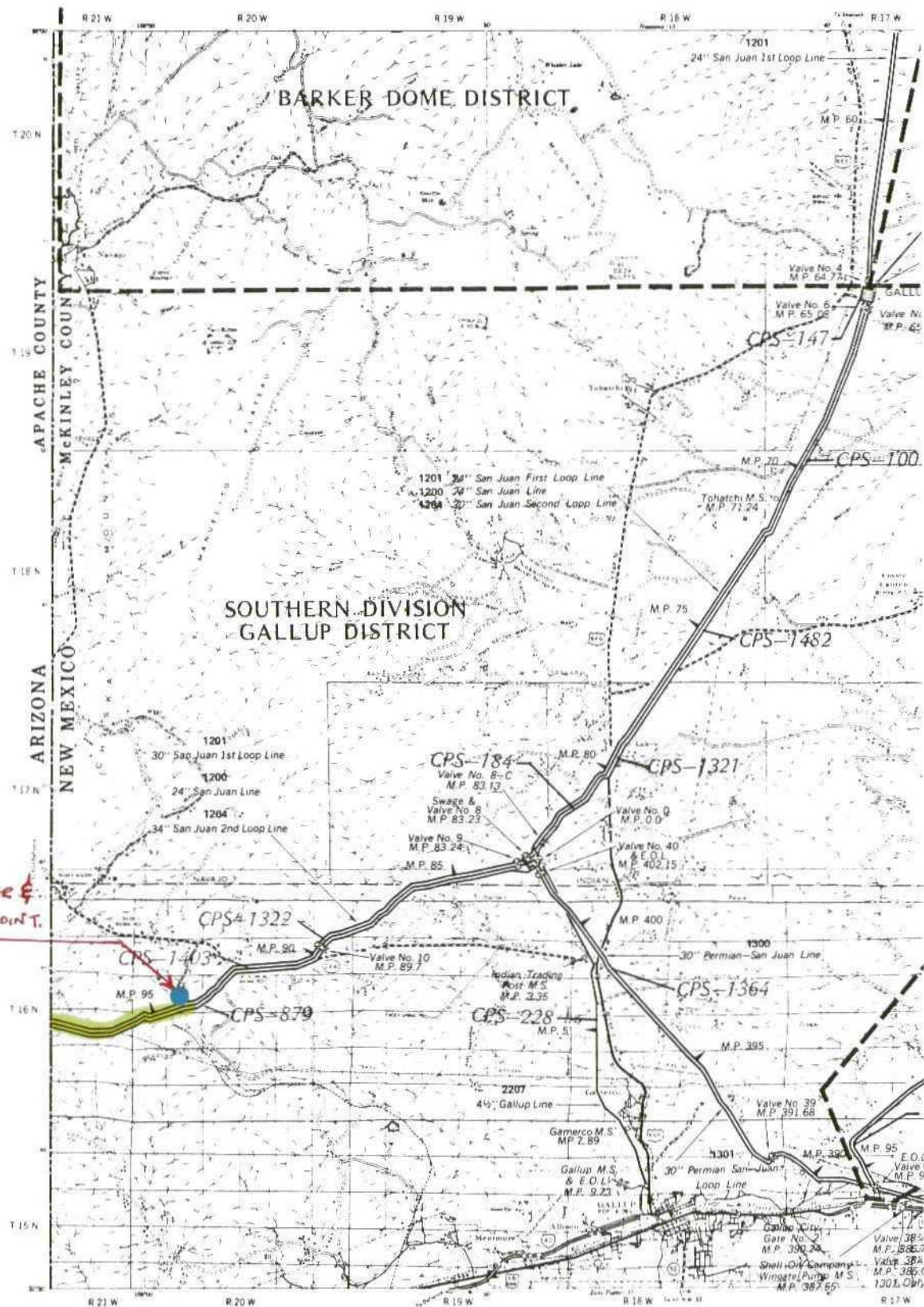
If additional information is required, please feel free to contact me at 915/541-3057.

Sincerely,


Martin A. Fong
Compliance Engineer

MATCH WITH ARIZONA SHEET F-18

SOURCE WATER &
DISCHARGE POINT.



JAN-21-92 TUE 11:29 P - M MCKINLEY

EL PASO NATURAL GAS

CPS Laboratories
75 Suttle Street
PO Box 2605
Durango, Co. 81302

Phone: (303)-247-4220
Fax : (303)-247-4227

Report Date: 07/03/91

ANALYSIS REPORT

Attn: Cassandra Thompson

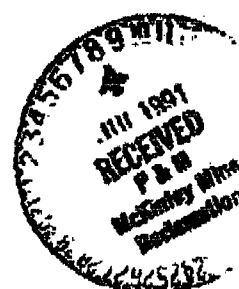
Pittsburg & Midway
PO Box M
Gallup, NM 87301

Our Lab #: A91-102099
Sample ID: Pond 6
Date Rec'd: 06/13/91

COLLECTION INFORMATION

Date/Time/By: 06/12/91 1415 ct
Location: Pond 6

Lab#	Testname	Result	Units
A91-102099	Boron	< 0.10	mg/L
	Bicarbonate as CaCO ₃	130	mg/L
	Cation/anion balance	112.0	%
	Calcium dissolved	47.9	mg/L
	Chloride	< 10	mg/L
	Iron total	< 0.5	mg/L
	Potassium dissolved	4.7	mg/L
	Magnesium dissolved	13.3	mg/L
	Manganese dissolved	< 0.2	mg/L
	Sodium dissolved	34.7	mg/L
	Nitrate/Nitrite-N	< 0.04	mg/L
	Ph	8.11	Units
	Total Phosphorus	< 0.20	mg/L
	Settleable Solids	< .1	ml/L
	Selenium dissolved	< 0.001	mg/L
	Sulfate	94	mg/L
	Total dissolved solids	355	mg/L
	Total suspended solids	22.8	mg/L



Approved By: Joe Bowden

Dr. Joe Bowden, Director

Checked By: SKA

CDS Laboratories
 75 Suttle Street
 PO Box 2005
 Durango, Co. 81302

Phone: (303)-247-4220
 Fax: (303)-247-4227

Report Date: 01/22/93

ANALYSIS REPORT

Attn: Cassandra Thompson

Pittsburg & Midway
 PO Box 8
 Gallup, NM 87301

Our Lab #: B91-105652
 Sample ID: Pond G
 Date Rec'd: 12/30/91

COLLECTION INFORMATION

Date/Time/By: 12/27/91 1115 at
 Location:

Lab#	Testname	Result	Units
B91-105652	Iron total	< 0.5	mg/l.
	Manganese total	< 0.2	mg/l.
	Oil & Grease	5.5	mg/l.
	pH	7.71	Unitless
	Settleable Solids	< 0.1	ml/l.
	Total suspended solids	< 2.0	mg/l.

Approved By: Joe Bowden
 Mr. Joe Bowden, Director

Checked By: SKD

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

August 8, 1991

Mr. F. H. Haller
General Mine Manager
Pittsburg & Midway Coal Mining Co.
P.O. Box 338
Gallup, NM 87305-0338

Re: R/W 900903, G-3

Dear Mr. Haller:

This will confirm the tentative agreement made between P&M's Mr. Wise and Mr. Ross and El Paso's Mr. Warren and Mr. Lord with regard to purchasing water from the mine for pipeline testing purposes. The proposed pipeline is 36 inches in diameter with a .325" wall thickness. The following are the items discussed:

1. El Paso would need approximately 6,500,000 gallons of water.
2. El Paso would pay P&M the same price for the water that P&M pays the tribe.
3. El Paso would utilize the water well at the south mine complex in the SW/4 of Section 17, T16N, R20W.
4. El Paso would have use of the storage tank and water pond located at the well site.
5. Approximately 8 hours fill time would be required.

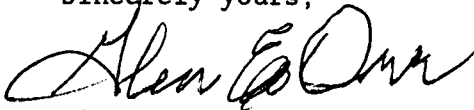
Mr. F. H. Haller
Pittsburg & Midway Coal Mining Co.
R/W 900903, G-3
August 8, 1991
Page -2-

6. After the water is stabilized, 8 hours test time would be required.
7. After testing, water would be returned to the pond at its normal level.

If the above meet with your approval, please so indicate by signing in the space below and returning one signed copy to this office.

Your continued cooperation is appreciated.

Sincerely yours,



Glen E. Orr
Manager
Purchase Division
Right of Way Department

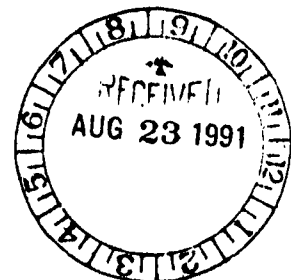
KW/sbb

AGREED TO AND ACCEPTED THIS 21st day of August, 1991.



F. H. Haller
General Mine Manager

cc: Leonard Lord
B. J. Warren



El Paso
Natural Gas Company

OIL CONSERVATION DIVISION
RECEIVED

'89 NOV 20 AM 9 50

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

November 15, 1989

Mr. Roger Anderson
New Mexico Oil Conservation Division
State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87504

Reference: Permit to Discharge Hydrotest Water from Used Pipe
12" Line 1004 Milepost 27 to 34
T26S, R2E, Sec3, Dona Ana County

Dear Mr. Anderson:

On December 15, 1989, El Paso Natural Gas Company (EPNG) plans to hydrotest 7 miles of 12" used pipe located in Dona Ana County. EPNG proposes to haul by truck approximately 218,000 gallons of hydrotest water to an existing double-lined pit located at EPNG's Deming Compressor Station. The use of this pipe was approved by the NMOCD in a letter from William LeMay on January 18, 1989. The pit is located approximately 10 miles west of Deming in T23S, R11W, Sec 32 of Luna County. The source water will be from the Rio Grande River.

EPNG is seeking your approval to discharge the hydrotest water in the manner described above. If you have questions, please give me a call at 915/541-5341. Thanks very much.

Sincerely yours,



Loren E. Gearhart, P.E.
Senior Environmental Engineer
Environmental and Safety Affairs Department

LEG:cds

OIL CONSERVATION DIVISION
RECEIVED
'92 OCT 8 PM 8 48

El Paso
Natural Gas Company

3801 ATRISCO, N. W.
ALBUQUERQUE, NEW MEXICO 87120
PHONE: 505-831-7700

October 2, 1992

New Mexico Oil Conservation Division
ATTN: Mr. Roger Anderson
P. O. Box 2088
Santa Fe, NM 87504-2088

Re: Permit to Discharge Hydrostatic Test Water from Used Pipe Into a Pit Located at EPNG's Belen Station, SE/4, SE/4, Sec. 25, T4N, R2E, Valencia County, New Mexico.

Dear Mr. Anderson:

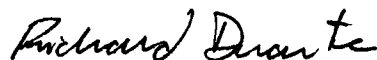
Please accept this letter as confirmation of our telephone conversation on September 25, 1992, about the subject discharge. The discussion included you, myself, and Mr. Phil Baca. In brief, we initiated the phone call to discuss a previously-approved discharge technique for hydrostatic test water on used pipe and its application toward the subject discharge. The method involves washing the pipeline prior to hydrostatic testing. The wash water is disposed into a lined pit, and the test water is discharged into an unlined pit where depth to groundwater is in excess of 50 feet. This procedure has received previous NMOCD approval as referenced in earlier correspondence between EPNG and the NMOCD dated November 25, 1991, and December 4, 1991. During our most recent discussion, you stated that the NMOCD viewed the November 25, 1991, request as a one time approval for that particular event, and future requests would be evaluated on a case-by-case basis.

We informed you that EPNG has scheduled a hydrostatic test on its No. 1300 Line on the north side of Belen Station, and 990,000 gallons are proposed to be discharged. At the time of our discussion, two pit locations were being targeted for discharge: the Belen Station pit and the second location was being procured by EPNG through discussions with property owners. You stated that if EPNG followed the above-mentioned technique and the second disposal site was not anywhere on platted property around the town of Belen, you would grant EPNG verbal approval to conduct the discharge. Since our conversation, EPNG has decided to use only its Belen Station pit for the entire discharge which has been scheduled for October 12, 1992. I assume this minor change will not affect your verbal approval.

For the subject discharge, the test water will be filtered prior to discharge into the pit. Samples of the discharge water will be collected and analyzed for organic compounds and major anions/cations. The analytical data will be made available to the NMOCD upon request.

If you have any questions or clarifications on the above statements, please do not hesitate to contact me at 505/831-7763. Your prompt review of this matter is appreciated. Thank you.

Sincerely,



Richard Duarte
Sr. Compliance Engineer
Environmental Compliance

El Paso
Natural Gas Company

OIL CONSERVATION DIVISION
RECEIVED

'90 FEB 2 AM 9 08

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

January 29, 1990

Mr. Roger C. Anderson
New Mexico Oil Conservation Division
State Land Office
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504

Subject: Report of Hydrotest Water Discharged from Used Pipe 30"
Line 1201 Milepost 94+4100 to 97+4200 in McKinley Co.

Dear Mr. Anderson:

On October 23, 1989 I called you asking for authorization to discharge 633,000 gallons of hydrotest water from 17,240 feet of 30" Line 1201 into an existing pit owned by Pittsburgh and Midway Coal Mining Co. (PMCMC) in McKinley County. It was my understanding that the discharge would be authorized if the following conditions were met.

1. All water discharged from the line will be retained in the pit. No fluid will be allowed to be discharged or leaked on to the surrounding terrain.

2. A representative sample will be obtained by EPNG of the wash water, if used, and analyzed for volatival organic hydrocarbons.

3. A representative sample will be obtained by EPNG of the wastewater and analyzed for volatile organic hydrocarbons. Copies of the analysis will be supplied to the OCD and the PMCMC.

The used pipe to be tested was not prewashed. The source water was obtained from and returned to the existing pit at PMCMC on October 28, 1989. Attached are the analytical results of a sample of the source water (A89178), water from the first quarter of the discharge (A89179) and water from the last quarter of the discharge (A89180).

If you have any questions, or need more information, please feel free to call me at 915/541-5341. Thanks again for your prompt assistance on this particular job.

Sincerely yours,

A handwritten signature in cursive script, reading "Loren E. Gearhart". The signature is fluid and extends to the right with a long horizontal stroke.

Loren E. Gearhart, P.E.
Sr. Environmental Engineer
Environmental & Safety Affairs Department

cc: Pittsburgh and Midway Coal Mining Co.

HYDROSTATIC TEST WATER SAMPLE

vision 1 - August 28, 198

Technician Assigned To: Chuck PowellSample Nos.: A89178, A89179, A89180Sample Date: October 28, 1989 Sample Times: 12:00 P.M. To 6:00 P.M.Mile Post: 93704 Beginning Station To 11278 Ending StationSample Location: McKINLEY MINE NEAR BLACKHATLine Size: 30" Line Number: 1201Length of Line: 17,620' Volume of Line: 650,000 (In Gallons)☐ New Pipe ☒ Old Pipe ☒ Reservation ☐ Non-ReservationWork Order Number: S-9501 Charge No.: _____Source Water From: ☐ _____ Station-EPNG Co. ?☐ _____ (Public) ☐ _____ (River) ☒ McKINLEY MINE OtherWater To Be Discharged: ☐ Into Pipe Ditch ☐ On To Ground☐ Lined Pond At _____ ☒ Unlined Pond At McKINLEY MINEType of Analysis: ☒ Source ☒ ^{FIRST #} Test #1 ☒ ^{LAST #} Test #2 ☐ Test #3☒ General Chemistry - Ca, K, Mg, Na, Cl, CO₃, F, HCO₃, SO₄,
Conductivity, pH, TDS, TSS☒ Metals - Ag, As, Ba, Cd, Cr, Fe, Hg, Mn, Pb, Se, Zn☐ Chemical Oxygen Demand ☒ EPA-8020 Aromatic H.C.☒ EPA-610 (PAH) ☐ Nitrate☒ EPA-8010 Halogenated H.C. ☐ Oil & GreaseInspector Bob Roberts Phone: (Ofc.) 722-7280 AND 722-7289 (Home) _____Car Radio J-21 Base Station NONE Other _____Additional: MIKE REEVES - TESTEROther Contact MIKE REEVES Phone: (Ofc.) _____ (Home) _____Car Radio 770 Base Station _____ Other _____Agreed Meeting Location, Time and Date: MEET AT YA-TAH-HEY CONSTRUCTIONOFFICE 2:00 - GRAY TRAILER HOUSE. DIRECTIONS FROM TOSY BERTALK

Give them: Your Name, Office Phone, Home Phone, Radio No., J. Lambdin's Home 326-7111, J. Barnett's Home 334-2488, N. Norvelle's Home 327-5910 (an answering machine after 4 rings).

CDS LABORATORIES
75 SUTTLE STREET
P.O. BOX 2605
DURANGO CO 81302
(303) 247-4220

CLIENT: El Paso Natural Gas
P O Box 4990
Farmington, NM 87419

CDS ID# 1301
SAMPLE DESCRIPTION:
A89179 McKinley Mine Near Blackhat
Hydrostatic Test Water - 1st Qtr
SAMPLER:
DATE TAKEN: 10/28/89 TIME: 1400
DATE RECEIVED: 10/30/89 CQC: Yes

ATTN: John Lambdin

TRACE METALS		CHEMICAL PARAMETERS		PHYSICAL PARAMETERS	
TOTAL DISSOLVED	mg/L		mg/L		
ALUMINUM		BICARBONATE as HCO ₃	141	ACIDITY as CaCO ₃	mg/L
ANTIMONY		HYDROXIDE as CaCO ₃		ALKALINITY as CaCO ₃	141 mg/L
ARSENIC	.002	CARBONATE as CO ₃	0	COLOR	
BARIUM	< .5	BOD		CONDUCTIVITY	450 umho/cm
BERYLLIUM		BORON		DISSOLVED OXYGEN	mg/L
BISMUTH		COD		HARDNESS as CaCO ₃	mg/L
CADMIUM	.014	CHLORIDE	< 10	pH	7.80 UNITS
CALCIUM	47.8	CHLORINE		SPECIFIC GRAVITY	
CHROMIUM	< .01	CHLORINE DEMAND		TEMPERATURE	DEGREES C.
+3 FORM		COLIFORM-TOTAL/100ml		TOTAL COMBUSTABLE	mg/L
+6 FORM		COLIFORM-FECAL/100ml		TOTAL DISSOLVED SOLIDS	305 mg/L
COBALT		CYANIDE		TOTAL FILTERABLE SOLIDS	mg/L
COPPER		FLUORIDE	.34	TOTAL SOLIDS	mg/L
IRON	1.8	MBAS		TOTAL SUSPENDED SOLIDS	34 mg/L
LEAD	< .02	AMMONIA-N		TOTAL SETTLEABLE SOLIDS	ml/L
MAGNESIUM	11.5	NITRATE/NITRITE-N		TURBIDITY	NTU
MANGANESE	< .2	NITRATE-N			
MERCURY	< .001	NITRITE-N			
MOLYBDENUM		TOTAL KJELDAHL (TKN)-N		GROSS ALPHA	pCi/L
NICKEL		OIL AND GREASE		GROSS BETA	pCi/L
POTASSIUM	4.3	PHENOLS		RADIUM 226	pCi/L
SELENIUM	< .001	PHOSPHATE-P		RADIUM 228	pCi/L
SILVER	< .01	TOTAL PHOSPHORUS-P		URANIUM (NATURAL)	pCi/L
SODIUM	31.0	SILICA			
THALLIUM		SULFATE	87	ENDRIN	mg/L
TIN		SULFIDE		LINDANE	mg/L
VANADIUM		SULFITE		METHOXYCHLOR	mg/L
ZINC	< .05	H ₂ S as S		TOXAPHENE	mg/L
		SAR		2, 4, -D	mg/L
		TOC		2, 4, 5 -TP (silvex)	mg/L
		+/- BALANCE		TOTAL TRIHALOMETHANES	mg/L

This laboratory report may not be published or used for advertising or in connection with advertising of any kind without prior written permission from CDS Laboratories. Results are based on analysis made at the time samples are received at the laboratory

COMMENTS:

APPROVED BY:



DR. JOE BOWDEN, DIRECTOR

CHECKED BY:



CDS LABORATORIES
P O BOX 2605
DURANGO, CO 81302

EL PASO NATURAL GAS
P O BOX 4990
FARMINGTON, NM 87419

(303) 247-4220

DECEMBER 4, 1989

=====

POLYNUCLEAR AROMATIC HYDROCARBONS - METHOD 610

CDS ID: 1301

SAMPLE ID: A89179 McKinley Mine near Blackhat
Hydrostatic Test Water - 1st Quarter

DATE TAKEN: 10/28/89

TIME TAKEN: 1400

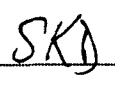
DATE REC'D: 10/30/89

Parameter	ppm	Detection Limit
Acenaphthene	ND	0.01
Acenaphthylene	ND	0.01
Anthracene	ND	0.01
Benzo Perylene	ND	0.01
Benzo (a) anthracene	ND	0.01
Benzo (a) pyrene	ND	0.01
Benzo (b) fluoranthene	ND	0.01
Benzo (k) fluoranthene	ND	0.01
Chrysene	0.082	0.01
Dibenzo anthracene	ND	0.01
Fluoranthene	ND	0.01
Fluorene	ND	0.01
Indeno (1,2,3-cd) pyrene	ND	0.01
Naphthalene	ND	0.01
Phenanthracene	ND	0.01
Pyrene	0.011	0.01

*ND - None Detected

Approved by: 

Dr Joe Bowden, Director

Checked by: 

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advertising or in connection with advertising of any kind
without prior written permission from CDS Laboratories.
Results are based on analysis made at the time samples are
received at the laboratory.

CDS LABORATORIES
P O BOX 2605
DURANGO, CO 81302

EL PASO NATURAL GAS
P O BOX 4990
FARMINGTON, NM 87419

(303) 247-4220

DECEMBER 4, 1989

=====

PURGEABLES METHOD 624

CDS ID: 1301
SAMPLE ID: A89179 McKinley Mine Near Blackhat
Hydrostatic Test Water - 1st Quarter
TIME TAKEN: 1400
DATE TAKEN: 10/28/89
DATE REC'D: 10/30/89

Parameter	ppm	Detection Limit
Benzene	ND *	0.01
Bromoform	ND	0.01
Bromomethane	ND	0.01
Carbon tetrachloride	ND	0.01
Chlorobenzene	ND	0.01
Chloroethane	ND	0.01
Chloroform	ND	0.01
Chloromethane	ND	0.01
cis-1,3-Dichloropropene	ND	0.01
Dibromochloromethane	ND	0.01
Dichlorobromomethane	ND	0.01
Dichlorodifluoromethane	ND	0.01
Ethyl benzene	ND	0.01
Methylene chloride	ND	0.01
Tetrachloroethylene	ND	0.01
Toluene	ND	0.01
trans-1,2-Dichloroethene	ND	0.01
trans-1,3-Dichloropropene	ND	0.01
Trichloroethylene	ND	0.01
Trichlorofluoromethane	ND	0.01
Vinyl chloride	ND	0.01
Xylenes, T	ND	
1,1,1-Trichloroethane	ND	0.01
1,1,2,2-Tetrachloroethane	ND	0.01
1,1,2-Trichloroethane	ND	0.01

Parameter	ppm	Detection Limit
1,1-Dichloroethane	ND	0.01
1,1-Dichloroethylene	ND	0.01
1,2-Dichlorobenzene	ND	0.01
1,2-Dichloroethane	ND	0.01
1,2-Dichloropropane	ND	0.01
1,3-Dichlorobenzene	ND	0.01
1,4-Dichlorobenzene	ND	0.01
2-Chloroethyl vinyl ether	ND	0.01

*ND - None Detected

Approved by: 

Dr Joe Bowden, Director

Checked by: SKD

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ENVIRONMENTAL SAMPLING DATA

Facility No. ☐☐☐☐☐ Sample Matrix WATER Sample No. 089000 Time 1400 24 Hr. Clk.
 Sample Location Mc KINLEY MINE NEAR BLACK HAT Charge _____
 Sampling Site Description HYDROSTATIC TEST WATER - FIRST QUARTER
 Date of Collection (MMDDYY) 102889 Collection Method ☒ Grab ☐ Comp. _____ hrs.
 Sample Collected By Charles R. Padilla Phone 579-2152
 Laboratory Conducting Analysis CDS LABS, DURANGO, CO

ANALYSIS REQUESTED (check appropriate blocks)

GROUP A	Hardness	☒ Residue, Nonfilterable	GROUP T	<u>EPA 8010</u>
Ammonia	Iron	Residue, Settleable	Benzene	<u>8020</u>
Chemical Oxygen Demand	Lead	Residue, Volatile	Benzo-a-pyrene	
Kjeldahl Nitrogen	Magnesium	Silica	Bromoform	
Nitrate	Manganese	Sulfate	Bromodichloromethane	
Nitrite	Mercury	Sulfite	Carbon Tetrachloride	
Oil & Grease	Molybdenum	Surfactants-MBAS	Chloroform	
Organic Carbon	Nickel	☒ pH	Chloromethane	
Orthophosphate	Potassium	GROUP H	Dibromochloromethane	
Phosphorus, Total	Selenium	BHC Isomers	1,1-Dichloroethane (DCE)	
☒ CONDUCTIVITY	Silver	Chlordane	1,2-Dichloroethane (EDC)	
GROUP D	Sodium	DDT Isomers	1,1-Dichloroethylene (1,1-DCE)	
Cyanide, Total	Thallium	Dieldrin	Ethylbenzene	
	Zinc	Endrin	Ethylene Dibromide	
GROUP E		Heptachlor	Methylene Chloride	
Phenols	GROUP G	Heptachlor Epoxide	Monomethylnaphthalenes	
	Acidity, Total	Lindane	Naphthalene, Total	
GROUP F	Alkalinity, Total	Methoxychlor	PAH <u>EPA 610</u>	
Aluminum	Alkalinity, Bicarbonate	Toxaphene	PCBs	
☒ Arsenic	Bromide	2,4-D	1,1,2,2-Tetrachloroethane (PCE)	
☒ Barium	Carbon Dioxide	2,4,5-TP-Silvex	1,1,1-Trichloroethane	
Beryllium	Chloride	2,4,5-T	1,1,2 Trichloroethane	
Boron	Color		1,1,2 Trichloroethylene (TCE)	
☒ Cadmium	Fluoride	GROUP J	Trihalomethanes	
☒ Calcium	Iodide	Sulfides	TOX	
☒ Chromium, Total	Odor		Toluene	
Cobalt	Residue, Total	Asbestos	Vinyl Chloride	
Copper	Residue, Filterable (TDS)	Ignitability	Xylenes, Total	

COMMENTS/SPECIAL INSTRUCTIONS

HYDROSTATIC TEST DEWATERING (HTOW)

RELINQUISHED BY	1.	RELINQUISHED BY	2.	RELINQUISHED BY	3.	ON SITE ANALYSES	
<u>Charles R. Padilla</u>	<u>0800</u>					Turbidity	NTU
(Signature)	(Time)	(Signature)	(Time)	(Signature)	(Time)	Flow	mgd
<u>CHARLES R. PADILLA</u>	<u>10-28-89</u>					Chlorine, Total	mg/l
(Print Name)	(Date)	(Print Name)	(Date)	(Print Name)	(Date)	Dissolved, Oxygen	mg/l
<u>El Paso Natural Gas Co</u>						pH	units
(Company)		(Company)		(Company)		Temperature	°C
RECEIVED BY	1.	RECEIVED BY	2.	RECEIVED BY	3.	EC	umhos/cm
(Signature)	(Time)	(Signature)	(Time)	(Signature)	(Time)		
(Print Name)	(Date)	(Print Name)	(Date)	(Print Name)	(Date)		
(Company)		(Company)		(Company)			

SP2883

CDS LABORATORIES
75 SUTTLE STREET
P.O. BOX 2605
DURANGO CO 81302
(303) 247-4220

CLIENT: El Paso Natural Gas
P O Box 4990
Farmington, NM 87419

CDS ID# 1300
SAMPLE DESCRIPTION:
A89178 McKinley Mine near Blackhat
Hydrostatic Test Water - Source
SAMPLER:
DATE TAKEN: 10/28/89 TIME: 1220
DATE RECEIVED: 10/30/89 COC: Yes

ATTN: John Lambdin

TRACE METALS		CHEMICAL PARAMETERS		PHYSICAL PARAMETERS	
TOTAL DISSOLVED	mg/L		mg/L		
ALUMINUM		BICARBONATE as HCO ₃	148	ACIDITY as CaCO ₃	mg/L
ANTIMONY		HYDROXIDE as CaCO ₃		ALKALINITY as CaCO ₃	148 mg/L
ARSENIC	.002	CARBONATE as CO ₃	0	COLOR	
BARIUM	< .5	BOD		CONDUCTIVITY	450 umho/cm
BERYLLIUM		BORON		DISSOLVED OXYGEN	mg/L
BISMUTH		COD		HARDNESS as CaCO ₃	mg/L
CADMIUM	< .005	CHLORIDE	< 10	pH	7.76 UNITS
CALCIUM	46.9	CHLORINE		SPECIFIC GRAVITY	
CHROMIUM	< .01	CHLORINE DEMAND		TEMPERATURE	DEGREES C.
+3 FORM		COLIFORM-TOTAL/100ml		TOTAL COMBUSTABLE	mg/L
+6 FORM		COLIFORM-FECAL/100ml		TOTAL DISSOLVED SOLIDS	310 mg/L
COBALT		CYANIDE		TOTAL FILTERABLE SOLIDS	mg/L
COPPER		FLUORIDE	.34	TOTAL SOLIDS	mg/L
IRON	< .5	MBAS		TOTAL SUSPENDED SOLIDS	19 mg/L
LEAD	< .02	AMMONIA-N		TOTAL SETTLEABLE SOLIDS	ml/L
MAGNESIUM	11.3	NITRATE/NITRITE-N		TURBIDITY	NTU
MANGANESE	< .2	NITRATE-N			
MERCURY	< .001	NITRITE-N			
MOLYBDENUM		TOTAL KJELDAHL (TKN)-N		GROSS ALPHA	pCi/L
NICKEL		OIL AND GREASE		GROSS BETA	pCi/L
POTASSIUM	4.3	PHENOLS		RADIUM 226	pCi/L
SELENIUM	< .001	PHOSPHATE-P		RADIUM 228	pCi/L
SILVER	< .01	TOTAL PHOSPHORUS-P		URANIUM (NATURAL)	pCi/L
SODIUM	30.1	SILICA			
THALLIUM		SULFATE	86	ENDRIN	mg/L
TIN		SULFIDE		LINDANE	mg/L
VANADIUM		SULFITE		METHOXYCHLOR	mg/L
ZINC	< .05	H ₂ S as S		TOXAPHENE	mg/L
		SAR		2, 4, -D	mg/L
		TDC		2, 4, 5 -TP (silvex)	mg/L
		+/- BALANCE		TOTAL TRIHALOMETHANES	mg/L

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COMMENTS:

APPROVED BY:



DR. JOE BOWDEN, DIRECTOR

CHECKED BY:



CDS LABORATORIES
P O BOX 2605
DURANGO, CO 81302

EL PASO NATURAL GAS
P O BOX 4990
FARMINGTON, NM 87419

(303) 247-4220

DECEMBER 4, 1989

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POLYNUCLEAR AROMATIC HYDROCARBONS - METHOD 610

CDS ID: 1300

SAMPLE ID: A89178 McKinley Mine near Blackhat
Hydrostatic Test Water - Source

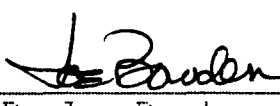
DATE TAKEN: 10/28/89

TIME TAKEN: 1220

DATE REC'D: 10/30/89

Parameter	ppm	Detection Limit
Acenaphthene	ND	0.01
Acenaphthylene	ND	0.01
Anthracene	ND	0.01
Benzo Perylene	ND	0.01
Benzo (a) anthracene	ND	0.01
Benzo (a) pyrene	ND	0.01
Benzo (b) fluoranthene	ND	0.01
Benzo (k) fluoranthene	ND	0.01
Chrysene	0.083	0.01
Dibenzo anthracene	ND	0.01
Fluoranthene	ND	0.01
Fluorene	ND	0.01
Indeno (1,2,3-cd) pyrene	ND	0.01
Naphthalene	ND	0.01
Phenanthracene	ND	0.01
Pyrene	ND	0.01

*ND - None Detected

Approved by: 

Dr Joe Bowden, Director

Checked by: SKD

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CDS LABORATORIES
P O BOX 2605
DURANGO, CO 81302

EL PASO NATURAL GAS
P O BOX 4990
FARMINGTON, NM 87419

(303) 247-4220

DECEMBER 4, 1989

PURGEABLES METHOD 624

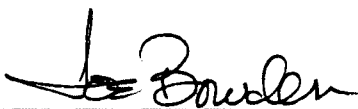
CDS ID: 1300
SAMPLE ID: A89178 McKinley Mine Near Blackhat
Hydrostatic Test Water - Source
TIME TAKEN: 1730
DATE TAKEN: 10/28/89
DATE REC'D: 10/30/89

Parameter	ppm	Detection Limit
Benzene	ND *	0.01
Bromoform	ND	0.01
Bromomethane	ND	0.01
Carbon tetrachloride	ND	0.01
Chlorobenzene	ND	0.01
Chloroethane	ND	0.01
Chloroform	ND	0.01
Chloromethane	ND	0.01
cis-1,3-Dichloropropene	ND	0.01
Dibromochloromethane	ND	0.01
Dichlorobromomethane	ND	0.01
Dichlorodifluoromethane	ND	0.01
Ethyl benzene	ND	0.01
Methylene chloride	ND	0.01
Tetrachloroethylene	ND	0.01
Toluene	ND	0.01
trans-1,2-Dichloroethene	ND	0.01
trans-1,3-Dichloropropene	ND	0.01
Trichloroethylene	ND	0.01
Trichlorofluoromethane	ND	0.01
Vinyl chloride	ND	0.01
Xylenes, T	ND	
1,1,1-Trichloroethane	ND	0.01
1,1,2,2-Tetrachloroethane	ND	0.01
1,1,2-Trichloroethane	ND	0.01

Parameter	ppm	Detection Limit
1,1-Dichloroethane	ND	0.01
1,1-Dichloroethylene	ND	0.01
1,2-Dichlorobenzene	ND	0.01
1,2-Dichloroethane	ND	0.01
1,2-Dichloropropane	ND	0.01
1,3-Dichlorobenzene	ND	0.01
1,4-Dichlorobenzene	ND	0.01
2-Chloroethyl vinyl ether	ND	0.01

*ND - None Detected

Approved by: _____



Dr Joe Bowden, Director

Checked by: _____



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ENVIRONMENTAL SAMPLING DATA

Facility No. ☐☐☐☐☐ Sample Matrix WATER Sample No. A89178 Time 1220 24 Hr. Clk.
 Sample Location Mc KINLEY MINE NEAR BLACKHAT Charge _____
 Sampling Site Description HYDROSTATIC TEST WATER - SOURCE
 Date of Collection (MMDDYY) 102889 Collection Method ☒ Grab ☐ Comp. _____ hrs.
 Sample Collected By Charles R. Padilla Phone 599-2154
 Laboratory Conducting Analysis CDS LAB DURANGO, CO

ANALYSIS REQUESTED (check appropriate blocks)

GROUP A	Hardness	☒ Residue, Nonfilterable	EPA GROUP 1	8010
Ammonia	Iron	Residue, Settleable	Benzene	8020
Chemical Oxygen Demand	Lead	Residue, Volatile	Benzo-a-pyrene	
Kjeldahl Nitrogen	Magnesium	Silica	Bromoform	
Nitrate	Manganese	☒ Sulfate	Bromodichloromethane	
Nitrite	Mercury	Sulfite	Carbon Tetrachloride	
Oil & Grease	Molybdenum	Surfactants-MBAS	Chloroform	
Organic Carbon	Nickel	☒ PH	Chloromethane	
Orthophosphate	Potassium	GROUP H	Dibromochloromethane	
Phosphorus, Total	Selenium	BHC Isomers	1,1-Dichloroethane (DCE)	
☒ CONDUCTIVITY	Silver	Chlordane	1,2-Dichloroethane (EDC)	
GROUP D	Sodium	DDT Isomers	1,1-Dichloroethylene (1,1-DCE)	
Cyanide, Total	Thallium	Dieldrin	Ethylbenzene	
	Zinc	Endrin	Ethylene Dibromide	
GROUP E		Heptachlor	Methylene Chloride	
Phenols	GROUP G	Heptachlor Epoxide	Monomethylnaphthalenes	
	Acidity, Total	Lindane	Naphthalene, Total	
GROUP F	Alkalinity, Total	Methoxychlor	PAH	EPA 610
Aluminum	Alkalinity, Bicarbonate	Toxaphene	PCBs	
☒ Arsenic	Bromide	2,4-D	1,1,2,2Tetrachloroethane (PCE)	
☒ Barium	Carbon Dioxide	2,4,5-TP-Silvex	1,1,1-Trichloroethane	
Beryllium	Chloride	2,4,5-T	1,1,2 Trichloroethane	
Boron	Color		1,1,2 Trichloroethylene (TCE)	
☒ Cadmium	Fluoride	GROUP J	Trihalomethanes	
☒ Calcium	Iodide	Sulfides	TOX	
☒ Chromium, Total	Odor		Toluene	
Cobalt	Residue, Total	Asbestos	Vinyl Chloride	
Copper	Residue, Filterable (TDS)	Ignitability	Xylenes, Total	

COMMENTS/SPECIAL INSTRUCTIONS

HYDROSTATIC TEST DEWATERING (HTDW)

RELINQUISHED BY	1.	RELINQUISHED BY	2.	RELINQUISHED BY	3.	ON SITE ANALYSES	
(Signature)	(Time)	(Signature)	(Time)	(Signature)	(Time)	Turbidity	NT
(Print Name)	(Date)	(Print Name)	(Date)	(Print Name)	(Date)	Flow	mg
(Company)		(Company)		(Company)		Chlorine, Total	mg/l
RECEIVED BY	1.	RECEIVED BY	2.	RECEIVED BY	3.	Dissolved, Oxygen	mg/l
(Signature)	(Time)	(Signature)	(Time)	(Signature)	(Time)	pH	unit
(Print Name)	(Date)	(Print Name)	(Date)	(Print Name)	(Date)	Temperature	°C
(Company)		(Company)		(Company)		EC	µmhos/cm

CDS LABORATORIES
75 SUTTLE STREET
P.O. BOX 2605
DURANGO CO 81302
(303) 247-4220

CLIENT: El Paso Natural Gas
P O Box 4990
Farmington, NM 87419

CDS ID# 1302
SAMPLE DESCRIPTION:
A89180 McKinley Mine near Blackhat
Hydrostatic Test Water - Last Qtr
SAMPLER:
DATE TAKEN: 10/28/89 TIME: 1730
DATE RECEIVED: 10/30/89 CDC: Yes

ATTN: John Lambdin

TRACE METALS		CHEMICAL PARAMETERS		PHYSICAL PARAMETERS	
TOTAL DISSOLVED	mg/L		mg/L		
ALUMINUM		BICARBONATE as HCO ₃	140	ACIDITY as CaCO ₃	mg/L
ANTIMONY		HYDROXIDE as CaCO ₃		ALKALINITY as CaCO ₃	140 mg/L
ARSENIC	.003	CARBONATE as CO ₃	0	COLOR	
BARIUM	< .5	BOD		CONDUCTIVITY	450 umho/cm
BERYLLIUM		BORON		DISSOLVED OXYGEN	mg/L
BISMUTH		COD		HARDNESS as CaCO ₃	mg/L
CADMIUM	.008	CHLORIDE	< 10	pH	7.45 UNITS
CALCIUM	46.0	CHLORINE		SPECIFIC GRAVITY	
CHROMIUM	< .01	CHLORINE DEMAND		TEMPERATURE	DEGREES C.
+3 FORM		COLIFORM-TOTAL/100ml		TOTAL COMBUSTABLE	mg/L
+6 FORM		COLIFORM-FECAL/100ml		TOTAL DISSOLVED SOLIDS	295 mg/L
COBALT		CYANIDE			
COPPER		FLUORIDE	.35	TOTAL SOLIDS	mg/L
IRON	9.3	MBAS		TOTAL SUSPENDED SOLIDS	39 mg/L
LEAD	< .02	AMMONIA-N		TOTAL SETTLEABLE SOLIDS	ml/L
MAGNESIUM	10.9	NITRATE/NITRITE-N		TURBIDITY	NTU
MANGANESE	.3	NITRATE-N			
MERCURY	< .001	NITRITE-N			
MOLYBDENUM		TOTAL KJELDAHL (TKN)-N		GROSS ALPHA	pCi/L
NICKEL		OIL AND GREASE		GROSS BETA	pCi/L
POTASSIUM	4.2	PHENOLS		RADIUM 226	pCi/L
SELENIUM	< .001	PHOSPHATE-P		RADIUM 228	pCi/L
SILVER	< .01	TOTAL PHOSPHORUS-P		URANIUM (NATURAL)	pCi/L
SODIUM	28.3	SILICA			
THALLIUM		SULFATE	100	ENDRIN	mg/L
TIN		SULFIDE		LINDANE	mg/L
VANADIUM		SULFITE		METHOXYCHLOR	mg/L
ZINC	< .05	H ₂ S as S		TOXAPHENE	mg/L
		SAR		2, 4, -D	mg/L
		TOC		2, 4, 5 -TP (silvex)	mg/L
		+/- BALANCE		TOTAL TRIHALOMETHANES	mg/L

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COMMENTS:

APPROVED BY:

DR. JOE BOWDEN, DIRECTOR

CHECKED BY:

CDS LABORATORIES
P O BOX 2605
DURANGO, CO 81302

EL PASO NATURAL GAS
P O BOX 4990
FARMINGTON, NM 87419

(303) 247-4220

DECEMBER 4, 1989

=====

POLYNUCLEAR AROMATIC HYDROCARBONS - METHOD 610

CDS ID: 1302

SAMPLE ID: A89180 McKinley Mine near Blackhat
Hydrostatic Test Water - Last Quarter

DATE TAKEN: 10/28/89

TIME TAKEN: 1730

DATE REC'D: 10/30/89

Parameter	ppm	Detection Limit
Acenaphthene	ND	0.01
Acenaphthylene	ND	0.01
Anthracene	ND	0.01
Benzo Perylene	ND	0.01
Benzo (a) anthracene	ND	0.01
Benzo (a) pyrene	ND	0.01
Benzo (b) fluoranthene	ND	0.01
Benzo (k) fluoranthene	ND	0.01
Chrysene	0.035	0.01
Dibenzo anthracene	ND	0.01
Fluoranthene	ND	0.01
Fluorene	ND	0.01
Indeno (1,2,3-cd) pyrene	ND	0.01
Naphthalene	ND	0.01
Phenanthracene	ND	0.01
Pyrene	ND	0.01

*ND - None Detected

Approved by: _____


Dr Joe Bowden, Director

Checked by: SKA

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advertising or in connection with advertising of any kind
without prior written permission from CDS Laboratories.
Results are based on analysis made at the time samples are
received at the laboratory.

CDS LABORATORIES
P O BOX 2605
DURANGO, CO 81302

EL PASO NATURAL GAS
P O BOX 4990
FARMINGTON, NM 87419

(303) 247-4220

DECEMBER 4, 1989

=====

PURGEABLES METHOD 624

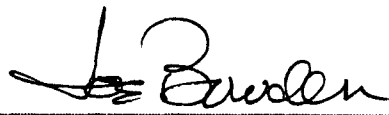
CDS ID: 1302
SAMPLE ID: A89180 McKinley Mine Near Blackhat
Hydrostatic Test Water - Last Quarter
TIME TAKEN: 1730
DATE TAKEN: 10/28/89
DATE REC'D: 10/30/89

Parameter	ppm	Detection Limit
Benzene	ND *	0.01
Bromoform	ND	0.01
Bromomethane	ND	0.01
Carbon tetrachloride	ND	0.01
Chlorobenzene	ND	0.01
Chloroethane	ND	0.01
Chloroform	ND	0.01
Chloromethane	ND	0.01
cis-1,3-Dichloropropene	ND	0.01
Dibromochloromethane	ND	0.01
Dichlorobromomethane	ND	0.01
Dichlorodifluoromethane	ND	0.01
Ethyl benzene	ND	0.01
Methylene chloride	ND	0.01
Tetrachloroethylene	ND	0.01
Toluene	ND	0.01
trans-1,2-Dichloroethene	ND	0.01
trans-1,3-Dichloropropene	ND	0.01
Trichloroethylene	ND	0.01
Trichlorofluoromethane	ND	0.01
Vinyl chloride	ND	0.01
Xylenes, T	ND	
1,1,1-Trichloroethane	ND	0.01
1,1,2,2-Tetrachloroethane	ND	0.01
1,1,2-Trichloroethane	ND	0.01

Parameter	ppm	Detection Limit
1,1-Dichloroethane	ND	0.01
1,1-Dichloroethylene	ND	0.01
1,2-Dichlorobenzene	ND	0.01
1,2-Dichloroethane	ND	0.01
1,2-Dichloropropane	ND	0.01
1,3-Dichlorobenzene	ND	0.01
1,4-Dichlorobenzene	ND	0.01
2-Chloroethyl vinyl ether	ND	0.01

*ND - None Detected

Approved by: _____



Dr Joe Bowden, Director

Checked by: _____

SKD

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EL PASO NATURAL GAS COMPANY
ENVIRONMENTAL SAMPLING DATA

Facility No. ☐☐☐☐☐ Sample Matrix WATER Sample No. 489180 Time 1730 24 Hr. Clk.
Sample Location McKINLEY MINE NEAR BLACK HAT Charge _____
Sampling Site Description HYDROSTATIC TEST WATER - LAST QUARTER
Date of Collection (MMDDYY) 102887 Collection Method ☒ Grab ☐ Comp. _____ hrs.
Sample Collected By Charles R. Padilla Phone 599-2152
Laboratory Conducting Analysis CDS LABS, DURANGO, CO.

ANALYSIS REQUESTED (check appropriate blocks)

GROUP A		Hardness	☒ Residue, Nonfilterable	GROUP T / EPA 823
Ammonia	☒	Iron	☒ Residue, Settleable	Benzene
Chemical Oxygen Demand	☒	Lead	☒ Residue, Volatile	Benzo-a-pyrene
Kjeldahl Nitrogen	☒	Magnesium	☒ Silica	Bromoform
Nitrate	☒	Manganese	☒ Sulfate	Bromodichloromethane
Nitrite	☒	Mercury	☒ Sulfite	Carbon Tetrachloride
Oil & Grease		Molybdenum	☒ Surfactants-MBAS	Chloroform
Organic Carbon		Nickel	☒ pH	Chloromethane
Orthophosphate	☒	Potassium	GROUP H	Dibromochloromethane
Phosphorus, Total	☒	Selenium	☒ BHC Isomers	1,1-Dichloroethane (DCE)
☒ CONDUCTIVITY	☒	Silver	☒ Chlordane	1,2-Dichloroethane (EDC)
GROUP D	☒	Sodium	☒ DDT Isomers	1,1-Dichloroethylene (1,1-DCE)
Cyanide, Total		Thallium	☒ Dieldrin	Ethylbenzene
	☒	Zinc	☒ Endrin	Ethylene Dibromide
GROUP E			☒ Heptachlor	Methylene Chloride
Phenols		GROUP G	☒ Heptachlor Epoxide	Monomethylnaphthalenes
		Acidity, Total	☒ Lindane	Naphthalene, Total
GROUP F	☒	Alkalinity, Total	☒ Methoxychlor	PAH EPA-610
Aluminum	☒	Alkalinity, Bicarbonate	☒ Toxaphene	PCBs
☒ Arsenic	☒	Bromide	☒ 2,4-D	1,1,2,2-Tetrachloroethane (PCE)
☒ Barium	☒	Carbon Dioxide	☒ 2,4,5-TP-Silvex	1,1,1-Trichloroethane
☒ Beryllium	☒	Chloride	☒ 2,4,5-T	1,1,2 Trichloroethane
Boron		Color		1,1,2 Trichloroethylene (TCE)
☒ Cadmium	☒	Fluoride	GROUP J	Trihalomethanes
☒ Calcium	☒	Iodide	☒ Sulfides	TOX
☒ Chromium, Total	☒	Odor		Toluene
Cobalt		Residue, Total	☒ Asbestos	Vinyl Chloride
Copper	☒	Residue, Filterable (TDS)	☒ Ignitability	Xylenes, Total

COMMENTS/SPECIAL INSTRUCTIONS

HYDROSTATIC TEST DEWATERING (HTDW)

RELINQUISHED BY	1.	RELINQUISHED BY	2.	RELINQUISHED BY	3.	ON SITE ANALYSES
<u>Charles R. Padilla</u>	(Signature)	<u>0800</u>	(Time)	(Signature)	(Time)	Turbidity
<u>CHARLES R. PADILLA</u>	(Print Name)	<u>10-28-87</u>	(Date)	(Print Name)	(Date)	Flow
<u>El Paso Natural Gas Co.</u>	(Company)		(Company)	(Company)		Chlorine, Total
RECEIVED BY	1.	RECEIVED BY	2.	RECEIVED BY	3.	Dissolved, Oxygen
(Signature)	(Time)	(Signature)	(Time)	(Signature)	(Time)	pH
(Print Name)	(Date)	(Print Name)	(Date)	(Print Name)	(Date)	Temperature
(Company)		(Company)		(Company)		EC

El Paso
Natural Gas Company

OIL CONSERVATION DIVISION

P. O. BOX 1493
EL PASO, TEXAS 79978
PHONE: 915-541-2600

'89 OCT 25 AM 9 19

October 20, 1989

By Facsimile

Mr. Roger Anderson
New Mexico Oil Conservation Division
State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87504

Reference: Permit to Discharge Hydrotest Water from Used Pipe

Dear Mr. Anderson:

On May 8, 1989, NMOCD requested the exact location of the hydrostatic discharge of Item 9 in my letter dated March 30, 1989. This item did read as shown below but should be corrected as shown in Item 9R.

	Date	Project	Pipe Length	Gallons Discharged	Discharge Location	Depth	Liner Rq wt.
9	9/12	24" 1200	17,240	405,396	SEC17, T16N, R20W	>400	No
9R	9/12	30" 1201	17,240	633,430	SEC17, T16N, R20W	>400	No

The source water for the proposed hydrotest is potable water from an existing pit owned by the Pittsburgh and Midway Coal Mining Co. The water from their pit is used for dust control and no waste streams are allowed to enter the pit. El Paso Natural Gas (EPNG) proposes to use 633,000 gallons of water from this pit to hydrotest used pipeline 30" 1201 from milepost 94+4100 to 97+4200. The discharged water will be returned to the pit via the pipeline except for a 100' trench from the pipeline to the pit. The trench is located on the mine property and the discharge water will not be allowed to escape to a natural waterway.

The discharge will be sampled for organics and toxicity metals. Attached with this letter, per your request, is a copy of sample results from a used pipe tested in the same location.

Assuming that EPNG has permission from the mine to use this water and return it to the pit, EPNG respectfully requests NMOCD's permission to discharge the hydrotest water on October 24, 1989, in the manner described above. It would be greatly appreciated if you sent your response by facsimile no later than October 23, 1989, to Thomas H. Shofner, the project engineer on this job. His facsimile number is 915/541-5288.

If you have any questions, or need more information, please feel free to call me at 915/541-5341. Thank you very much.

Sincerely,



Loren E. Gearhart, P.E.
Senior Environmental Engineer
Environmental and Safety Affairs Department

LEG:cds
Attachment

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

December 2, 1988

Mr. Roger C. Anderson
New Mexico Oil Conservation Division
State Land Offices
310 Old Santa Fe Trail 206
Santa Fe, NM 87504

Subject: Disposal of Hydrotest Water from Used Pipe
near El Paso Natural Gas Company's Mile
Post 93 of 34" Line 1204 in Section 16 of
T16N, R20W of McKinley County New Mexico

Dear Mr. Anderson:

On August 8, 1988, William J. LeMay sent me a certified letter authorizing the discharge of 309,491 gallons of hydrotest water from used pipe into an unlined pit. The discharge took place on September 20, 1988.

As required by the permit, a representative sample of the discharge water was analyzed. A copy of the results is attached with this letter.

Sincerely yours,



Loren E. Gearhart, P.E.
Senior Environmental Engineer
Environmental and Safety Affairs Department

LEG:cds

bc: K. E. Beasley
J. C. Bridges
File: 24300 Waste Discharge/Hydrostatic Tests

INORGANIC CHEMICAL ANALYSIS REPORTING FORM

10-10-88
DATE REC'D

DATE REC'D

~~Gallup Dist~~

EXCEEDS

LOCATION CODE		

28-30

ANALYSIS DATE					
Mo.		Day		Yr.	
1	1	1	5	8	8

22-27

COMMENTS

(1) Copy to Client



**WESTERN
TECHNOLOGIES
INC.**

3737 East Broadway Road
P.O. Box 21387
Phoenix, Arizona 85036
(602) 437-3737

LABORATORY REPORT

CLIENT El Paso Natural Gas Co.
Attn: Loren Gearhart
P.O. Box 1492
El Paso, TX 79978

SAMPLE NO. : 8818255
INVOICE NO.: 25282097
DATE : 11-15-88
REVIEWED BY: FJK
PAGE : 1 OF 1

CLIENT SAMPLE ID : M.P. 93+000,1204 (34")
SAMPLE TYPE : Water
SAMPLE SOURCE : Gallup
SAMPLED BY : John Lambdin
SUBMITTED BY : John Lambdin

AUTHORIZED BY: EPNGC/Personnel
CLIENT P.O. : --

SAMPLE DATE : 10-05-88
SUBMITTED ON : 10-10-88

REMARKS -

602 - AROMATIC VOLATILE ORGANICS

* DATA TABLE *

[----- PARAMETER -----]	[- RESULT -]	[- UNIT -]
Benzene	<0.2	ug/L
Toluene	<0.2	ug/L
Ethylbenzene	<0.2	ug/L
Chlorobenzene	<0.2	ug/L
1,4-Dichlorobenzene	<0.3	ug/L
1,3-Dichlorobenzene	<0.4	ug/L
1,2-Dichlorobenzene	<0.4	ug/L
Xylene	<0.2	ug/L



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LABORATORY REPORT

CLIENT El Paso Natural Gas Co.
Attn: Loren Gearhart
P.O. Box 1492
El Paso, TX 79978

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DATE : 11-15-88
REVIEWED BY: **FKK**
PAGE : 1 OF 2

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SAMPLE TYPE: Water
SAMPLE SOURCE: Gallup
SAMPLED BY: John Lambdin
SUBMITTED BY: John Lambdin

AUTHORIZED BY: EPNGC/Personnel
CLIENT P.O. : --
SAMPLE DATE .: 10-05-88
SUBMITTED ON : 10-10-88

REMARKS -

601 - HALOGENATED VOLATILE ORGANICS

* DATA TABLE *

[----- PARAMETER -----]	[- RESULT -]	[- UNIT -]
Chloromethane	<0.8	ug/L
Bromomethane	<11.8	ug/L
Dichlorodifluoromethane	<18.1	ug/L
Vinyl Chloride	<1.8	ug/L
Chloroethane	<5.2	ug/L
Methylene chloride	<2.5	ug/L
Trichlorofluoromethane	<10.0	ug/L
1,1-Dichloroethene	<1.3	ug/L
1,1-Dichloroethane	<0.7	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
Chloroform	1.6	ug/L
1,2-Dichloroethane	<0.3	ug/L
1,1,1-Trichloroethane	<0.3	ug/L
Carbon tetrachloride	<1.2	ug/L
Bromodichloromethane	<1.0	ug/L
1,2-Dichloropropane	<0.4	ug/L
trans-1,3-Dichloropropene	<3.4	ug/L
Trichloroethene	<1.2	ug/L
Dibromochloromethane	<0.9	ug/L
1,1,2-Trichloroethane	<0.2	ug/L
cis-1,3-Dichloropropene	<2.0	ug/L
2-Chloroethylvinyl ether	<1.3	ug/L
Bromoform	<2.0	ug/L
1,1,2,2-Tetrachloroethane	<0.3	ug/L
Tetrachloroethene	<0.3	ug/L
Chlorobenzene	<2.5	ug/L
1,3-Dichlorobenzene	<3.2	ug/L



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SAMPLE NO. : 8818255
INVOICE NO.: 25282097
DATE : 11-15-88
REVIEWED BY: **FJK**
PAGE : 2 OF 2

* D A T A T A B L E (Cont.) *

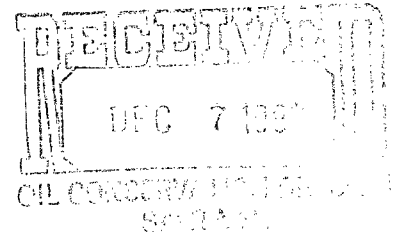
[-----]	PARAMETER	-----]	[- RESULT -]	[- UNIT -]
1,2-Dichlorobenzene	:		<1.5	ug/L
1,4-Dichlorobenzene	:		<2.4	ug/L

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

December 2, 1988

Mr. Roger C. Anderson
New Mexico Oil Conservation Division
State Land Offices
310 Old Santa Fe Trail 206
Santa Fe, NM 87504



Subject: Disposal of Hydrotest Water from Used Pipe
near El Paso Natural Gas Company's Mile
Post 93 of 34" Line 1204 in Section 16 of
T16N, R20W of McKinley County New Mexico

Dear Mr. Anderson:

On August 8, 1988, William J. LeMay sent me a certified letter authorizing the discharge of 309,491 gallons of hydrotest water from used pipe into an unlined pit. The discharge took place on September 20, 1988.

As required by the permit, a representative sample of the discharge water was analyzed. A copy of the results is attached with this letter.

Sincerely yours,

Loren E. Gearhart, P.E.
Senior Environmental Engineer
Environmental and Safety Affairs Department

LEG:cds

Comp. & Comm.

INORGANIC CHEMICAL ANALYSIS REPORTING FORM

Before completing, please read instructions on reverse side.

SPECIMEN NO.

10-10-88
DATE REC'D

NOTE: WATER SYSTEM MUST COMPLETE ALL BLANKS INSIDE THIS BOX

PWS ID NO					
0	4				

LAB NAME AND ADDRESS

LAB ID NO 00010
42-46

WESTERN TECHNOLOGIES, INC
3737 East Broadway Road
P.O. Box 21387
Phoenix, Arizona 85036

SAMPLE DATE					
Mo.		Day		Yr.	
1	0	0	5	8	8

SAMPLE				
Type	Time (Hrs.)			
S	1	4	1	0
37	38-41			

WATER SYSTEM NAME
El Paso Natural Gas Co.

SAMPLING POINT—WELL NO. OR EXACT LOCATION
M.P. 93+0000, 1204 (34")

MAILING NAME AND ADDRESS

El Paso Natural Gas Co.
P.O. Box 1492
Attn: Loren Gearhart
El Paso, TX 79978

SAMPLE APPEARANCE	
	Clear
X	Turbid
	Other (comment)

WATER SUPPLY SOURCE	
	Well
X	Surface

SAMPLE TYPE CODES
C - Check Sample
D - Regular Distribution Sample
P - Plant Tap Sample
R - Raw Water Sample
S - Special Sample

SAMPLER'S COMMENTS OR INSTRUCTIONS

~~Gallup Dist~~[illegible]

Pursuant to R9-8-223
check samples are
REQUIRED for ANY
and ALL contaminant(s)
checked in the exceeds
column.

LOCATION CODE		

28-30

ANALYSIS DATE					
Mo.		Day		Yr.	
1	1	1	5	8	8

Q.T.
ANALYST

COMMENTS

(1) Copy to Client



**WESTERN
TECHNOLOGIES
INC.**

3737 East Broadway Road
P.O. Box 21387
Phoenix, Arizona 85036
(602) 437-3737

LABORATORY REPORT

CLIENT El Paso Natural Gas Co.
Attn: Loren Gearhart
P.O. Box 1492
El Paso, TX 79978

SAMPLE NO. : 8818255
INVOICE NO.: 25282097
DATE : 11-15-88
REVIEWED BY: **FJK**
PAGE : 1 OF 1

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SAMPLE SOURCE: Gallup
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SUBMITTED BY: John Lambdin

AUTHORIZED BY: EPNGC/Personnel
CLIENT P.O. : --

SAMPLE DATE .: 10-05-88
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REMARKS -

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1,4-Dichlorobenzene	<0.3	ug/L
1,3-Dichlorobenzene	<0.4	ug/L
1,2-Dichlorobenzene	<0.4	ug/L
Xylene	<0.2	ug/L



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TECHNOLOGIES
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LABORATORY REPORT

CLIENT El Paso Natural Gas Co.
Attn: Loren Gearhart
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SUBMITTED BY: John Lambdin

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SAMPLE DATE .: 10-05-88
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REMARKS -

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1,1-Dichloroethene	<1.3	ug/L
1,1-Dichloroethane	<0.7	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
Chloroform	1.6	ug/L
1,2-Dichloroethane	<0.3	ug/L
1,1,1-Trichloroethane	<0.3	ug/L
Carbon tetrachloride	<1.2	ug/L
Bromodichloromethane	<1.0	ug/L
1,2-Dichloropropane	<0.4	ug/L
trans-1,3-Dichloropropene	<3.4	ug/L
Trichloroethene	<1.2	ug/L
Dibromochloromethane	<0.9	ug/L
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2-Chloroethylvinyl ether	<1.3	ug/L
Bromoform	<2.0	ug/L
1,1,2,2-Tetrachloroethane	<0.3	ug/L
Tetrachloroethene	<0.3	ug/L
Chlorobenzene	<2.5	ug/L
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PAGE : 2 OF 2

* D A T A T A B L E (Cont.) *

[-----]	PARAMETER	-----]	[~ RESULT ~]	[~ UNIT ~]
1,2-Dichlorobenzene	:		<1.5	ug/L
1,4-Dichlorobenzene	:		<2.4	ug/L

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

July 28, 1988

AUG - 1 1988

Mr. Roger C. Anderson
New Mexico Oil Conservation Division
P. O. Box 2088
Sante Fe, New Mexico 87504-2088

Subject: Disposal of Hydrotest Water from Used Pipe near El Paso Natural Gas Co.'s Mile Post 93 of 24" Line 1200 in Section 16 of T16N, R20W of McKinley County New Mexico.

Dear Mr. Anderson:

El Paso Natural Gas Company (EPNG) is planning to hydrotest 3580 ft. of used pipe and proposes to discharge 84,183 gallons of hydrotest water into an unlined pit located near mile post 93 as shown on attached Dwg. No. 1200.0-18A Rev L.

It is my understanding that the nearest well used for drinking water is located at the Tse Bonito Elementary School approximately 3580 feet east of the proposed pit site. Dan Wyant, the school principal, told me that the depth to groundwater at this well is 500 to 600 feet.

Since EPNG is planning on testing two other pipelines in the same pipe trench we would like to postpone closure of the pit. The second test will produce 309,491 gallons of water from 6,558 ft. of 34" Line 1204 on August 30, 1988. The third test will produce 131,536 gallons of water from 3,580 ft. of 30" Line 1201 on September 8, 1988. EPNG will erect a sheep proof and cattle proof fence around the pit. When all the hydrotesting is complete, EPNG will restore the site to its original grade.

A letter from the allotment owner granting EPNG permission to use his land for the disposal pit is attached. EPNG has also obtained an archeological clearance on June 9, 1988.

EPNG is therefore seeking a letter from the NMOCD granting permission to discharge the hydrotest water in the manner described in this request. Please call me at 915/541-5341 if you have any questions or desire further information.

Sincerely yours,



Loren E. Gearhart, P.E.
Senior Environmental Engineer
Environmental and Safety Affairs Department

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

STATEMENT OF OWNERS OF ALLOTTED INDIAN LANDS TO ACCOMPANY
APPLICATION FOR TEMPORARY DEWATERING SITE

Navajo Indian Agency, May 27, 1988
Allotment No. 1594 Allottee Heirs of Hibah John
Description NW/4 of Section 16, Township 16 North, Range 20 West, McKinley County,
New Mexico

The undersigned owner of said land, hereby gives permission to temporary use of a 145' X 145' tract of land for dewatering pond as contemplated by El Paso Natural Gas Company as depicted in red on the attached map, on payment of \$250.00 and other good and valuable consideration.

Witnesses

Owners

Interest

<u>Lloyd F. Brown</u>	<u>Tommy Nelson</u> #59584	<u>100%</u>
<u>Cheryl B. Brown</u>	Tommy Nelson	
	Address: P. O. Box 4364	
	Ya Ta Hey, NM 87975	

CERTIFICATE

I certify that the effect of this consent for temporary working area was explained to the owners of interest in allotment number 1594 with the following legal description:

NW/4 of Section 16, Township 16 North, Range 20 West,
McKinley County, New Mexico.

This explanation included but was not limited to, an explanation of appraised value, waiver of damages and the owner's right to refuse consent.

6-28-88

Date

Lloyd F. Bann

Signature

Representing: EL PASO NATURAL GAS COMPANY

