

3R - 330

**GENERAL
CORRESPONDENCE**

YEAR(S):

1996

Public Service Company
of New Mexico
Alvarado Square MS. 0408
Albuquerque, NM 87158

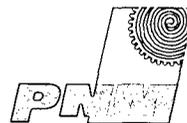
November 1, 1996

Mr. William Olson
Hydrogeologist
Oil Conservation Division
2040 So. Pacheco
Santa Fe, New Mexico 87505

RECEIVED

NOV 04 1996

Environmental Bureau
Oil Conservation Division



RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE McCLANAHAN A 2E WELL SITE

Dear Bill:

Pursuant to New Mexico Water Quality Control Commission (WQCC) Regulations, section 1-203, PNM hereby provides written notification of groundwater contamination at the McClanahan A 2E well site, located in section 23, township 28 North, range 10 West, unit letter O. A topographic map showing the location of the site is provided as an attachment. The operator is Meridian Oil Company. This letter follows verbal notification provided to you on Tuesday, October 29, 1996 (M. Gannon, PNM to B. Olson. OCD, 10/29/96).

On October 21, 1996, field personnel collected a sample from groundwater in an excavation approximately 21 feet below ground surface. The groundwater sample was delivered to OnSite Technologies, Ltd., in Farmington, New Mexico, for laboratory analysis. A hardcopy of the analytical results are attached. Analytical results are provided below:

Component	Units	WQCC Stds.	Pit Excavation Water Sample
Benzene	ppb	10	3561.5
Toluene	ppb	750	7770.6
Ethylbenzene	ppb	750	314.2
Xylenes	ppb	620	4708.5
Total BTEX	ppb		16354.8

Bold type indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the McClanahan A 2E. PNM will conduct future activities at the site pursuant to PNM's Groundwater Management Plan. If you have any questions, please call me at (505) 241-2974. Thank you.

Sincerely,
PNM

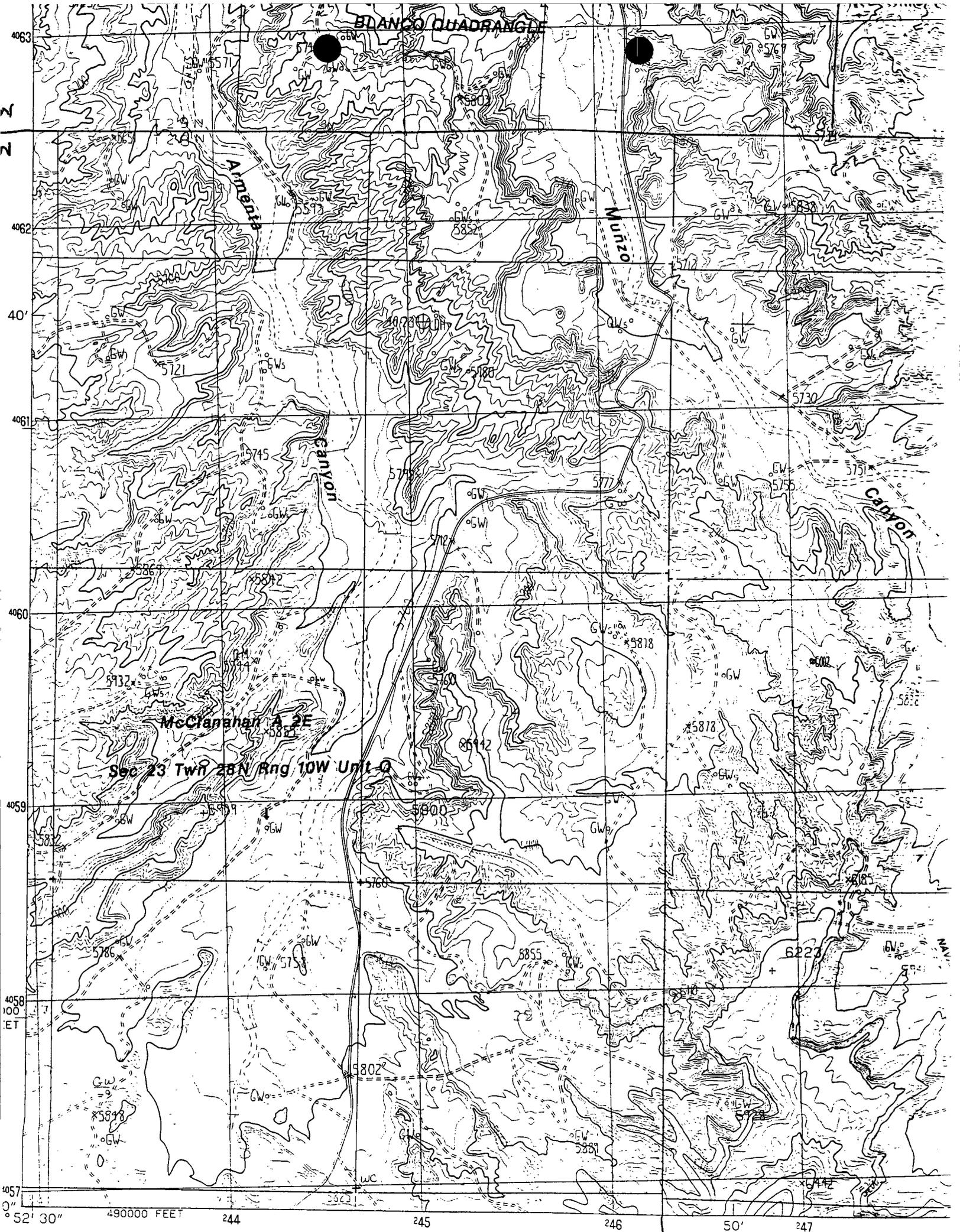
A handwritten signature in cursive script that reads "Maureen Gannon".

Maureen Gannon
Project Manager

MDG/MCCLANA2/LTR.

Attachment

cc: Colin Adams, PNM
Denver Bearden, PNMGS
Denny Foust, OCD-Aztec Office
Leigh Gooding, WFS
Toni Ristau, PNM
Craig Boch, Meridian



BLANCO QUADRANGLE

Amundson
CANYON

Munzo
CANYON

CANYON

CANYON

McClanahan A 2E

Sec 23 Twn 28N Rng 10W Unit 0

River R 9W

OFF: (505) 325-5667



LAB: (505) 325-1556

AROMATIC VOLATILE ORGANICS

Attn: *Denver Bearden*
Company: *PNM Gas Services*
Address: *603 W. Elm*
City, State: *Farmington, NM 87401*

Date: *23-Oct-96*
COC No.: *5127*
Sample No.: *12655*
Job No.: *2-1000*

Project Name: *PNM Gas Services - McClanahan A #2E*
Project Location: *9610210745; Pit Excavation Ground Water Sample*
Sampled by: *RH* Date: *21-Oct-96* Time: *7:45*
Analyzed by: *DC* Date: *22-Oct-96*
Sample Matrix: *Water*

Laboratory Analysis

<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Detection Limit</i>	<i>Unit of Measure</i>
<i>Benzene</i>	<i>3561.5</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Toluene</i>	<i>7770.6</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>314.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i>3795.3</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>913.2</i>	<i>ug/L</i>	<i>0.2</i>	<i>ug/L</i>
<i>TOTAL</i>	<i>16354.8</i>	<i>ug/L</i>		

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *10/23/96*

OFF: (505) 325-5667



LAB: (505) 325-1556

QUALITY ASSURANCE REPORT
for EPA Method 8020

Date Analyzed: 22-Oct-96

Internal QC No.: 0515-QC
Surrogate QC No.: 0516-QC
Reference Standard QC No.: 0417-QC

Method Blank

Parameter	Result	Unit of Measure
Average Amount of All Analytes in Blank	<0.2	ppb

Calibration Check

Parameter	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20.0	19.9	0	15%
Toluene	ppb	20.0	20.3	1	15%
Ethylbenzene	ppb	20.0	20.4	2	15%
m,p-Xylene	ppb	40.0	40.5	1	15%
o-Xylene	ppb	20.0	20.1	0	15%

Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	77	84	(39-150)	6	20%
Toluene	79	89	(46-148)	8	20%
Ethylbenzene	80	91	(32-160)	8	20%
m,p-Xylene	78	91	(35-145)	10	20%
o-Xylene	78	86	(35-145)	7	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)	
12655-5127	96	

S1: Fluorobenzene

(Handwritten initials)



CHAIN OF CUSTODY RECORD

5127

Date: 10-21-96

Page 1 of 1

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
 LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:		Job No.		Name		Title	
SEND INVOICE TO		Denver Bearden		Maureen Gannon			
Company		PNM Gas Services		Company		PNM Gas Services	
Address		603 W. Elm Street		Mailing Address		Alverado Square, Mail Stop 0408	
City, State, Zip		Farmington, NM 87401		City, State, Zip		Albuquerque, NM 87158	
Sampling Location:		McClouchan A #EE; P.O. excavation ground H2O sample					
Sampler:		Ray Hasston					
SAMPLE IDENTIFICATION		9610210745		SAMPLE DATE		10-21-96	
				MATRIX		H2O	
				TIME		12:00	
				PRES.			
				LAB ID		12655-5127	
				Number of Containers		2	
				REPORT RESULTS TO			
				Received by:		Heidi Rouse	
				Date/Time		10-21-96 0912	
				Received by:			
				Date/Time			
				Received by:			
				Date/Time			
				Rush		24-48 Hours	
				10 Working Days		Special Instructions:	
						Results to be sent to both parties.	
Method of Shipment:							
Authorized by:		Ray Hasston		Date		10-21-96	
		(Client Signature Must Accompany Request)					

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client



State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
 Santa Fe, New Mexico 87505

STATE OF
 NEW MEXICO
 OIL
 CONSERVATION
 DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Personal	Time	Date 10/31/96
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Originating Party

Other Parties

Maureen Gannon - PNM

Bill Olson - Envir. Bureau

Subject

Ground water contamination Notification - McCluskey A# 2E
 Unit 0, sec 23, T28N, R10W

Discussion

GW at approx 21'

Benzene = 3,500 ppb	} GW sample from excavation
BTEX = 16,000 ppb	

Conclusions or Agreements

Will address app under PNM GW plan

Distribution

File
 Penny Foust - OCD Aztec

Signed

Bill Olson