

3R - 330

**GENERAL
CORRESPONDENCE**

YEAR(S):

1996

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

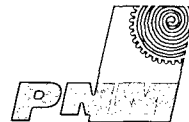
November 1, 1996

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.

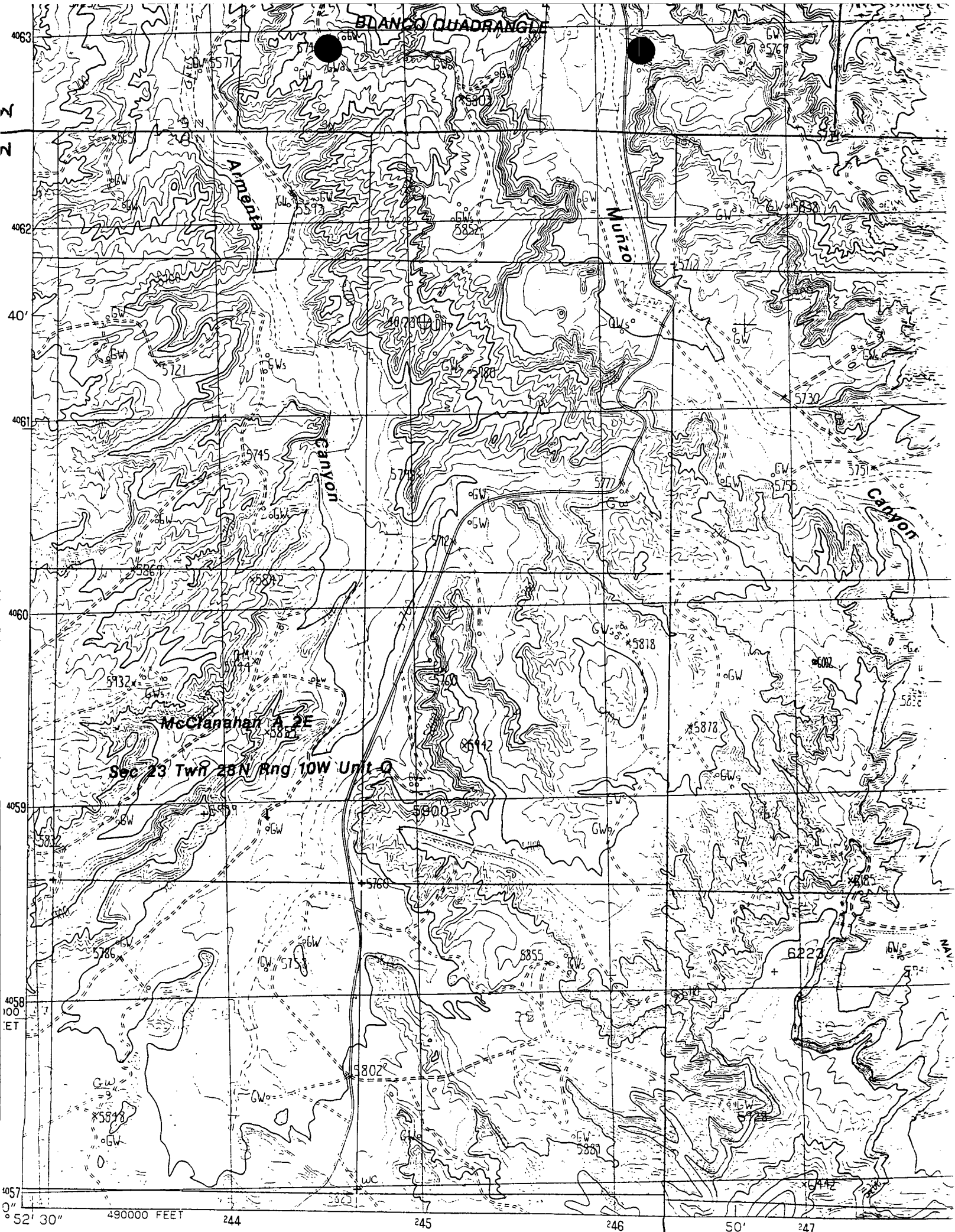
Sincerely,
PNM

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



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

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

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

Approved by: *[Signature]*

Date: *10/23/96*

P.O. BOX 2606 • FARMINGTON, NM 87499

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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

Date: 10-21-96

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

[illegible]

Distribution: White - On Site	Yellow - I AB	Pink - Sampler	Goldenrod - Client
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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

☒ Telephone

☐ Personal

Time

Date

10/31/96

Originating Party

Other Parties

Maureen Gannon - PNM

Bill Olson - Envir. Bureau

Subject

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

Discussion

GW at approx 21'

Benzene = 3,500 ppb

BTEX = 16,000 ppb

} GW sample from excavation

Conclusions or Agreements

Will address app under PNM GW plan

Distribution

Signed

Bill Olson

File

Denny Foust - OCD Aztec