

3R - 348

**GENERAL
CORRESPONDENCE**

YEAR(S):

2000 - 1996

Olson, William

From: m. harvey [SMTP:markh@ditell.com]
Sent: Tuesday, September 05, 2000 1:46 PM
To: Olson, William
Subject: Annual Groundwater Report (PNM)

As a follow-up to our telephone conversation last week, this serves to acknowledge the extension of time that NMOCD has granted Williams in order to submit the annual groundwater report for former PNM sites.

It is agreed that the report will be submitted by September 15, 2000 and include data from PNM efforts during 1999 and 2000. Williams appreciates the time extension and NMOCD's understanding of the complications associated with inheriting a project of this magnitude.

After submitting the report and allowing review time, Williams intends to schedule a meeting with you to discuss its' plan to effect mitigation of groundwater impacts. Your feedback will be helpful in finalizing a program strategy.

Thank you for your consideration.

From: Deklau, Ingrid [SMTP:Ingrid.Deklau@Williams.com]
Sent: Friday, July 07, 2000 1:35 PM
To: Olson, William
Cc: 'mark'; 'mgannon@pnm.com'
Subject: Groundwater Report Extension

Per our discussion today, this note is to confirm extension of the Annual Groundwater Report submittal from July 15, 2000 to August 31, 2000.

On March 4, 2000, Maureen Gannon of PNM emailed you and requested the April 1, 2000 deadline for the report submittal be postponed to July 15, 2000 so that PNM could incorporate all information gathered through June 30, 2000 into the report. Since then, PNM and Williams have entered into a Settlement Agreement transferring certain responsibilities to Williams. The responsibility of the preparation of this report is currently under discussion between PNM and Williams. Regardless of the responsibility, it is clear to me that this report will not be ready by the July 15, 2000 deadline.

Thank you for your assistance in this matter.

Ingrid Deklau

307-872-2880

Olson, William

From: Olson, William
Sent: Monday, March 06, 2000 8:13 AM
To: 'Gannon, Maureen'
Subject: RE: Request for Extension on Annual Groundwater Report

The below requested extension is approved.

From: Gannon, Maureen [SMTP:MGannon@pnm.com]
Sent: Saturday, March 04, 2000 3:31 PM
To: Olson, William
Cc: Sikelianos, Mark; 'Ingrid Deklau'; Johnson, Ronald
Subject: Request for Extension on Annual Groundwater Report

As a follow-up to our phone conversation on Thursday, March 2, 2000, PNM herein requests an extension of the date for submittal of our San Juan Basin Annual Groundwater Report. The report is normally due on April 1st of each year. However, since PNM's environmental obligations associated with the purchase and sale of our former gas assets in the San Juan Basin will terminate on June 30, 2000 (with the exception of retained liabilities), we would like to file our annual report by July 15, 2000 so that the data and information contained in the annual report is current through the June 30th date.

Please let me know if this extension is acceptable to you. You may email me or call me at (505) 241-2974. Thank you for your time and consideration of this matter.

Maureen Gannon
Environmental Services
241-2974



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 14, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-235-437-312

Ms. Maureen Gannon
Public Service Co. of New Mexico - Gas Services
Alvarado Square, MS-0408
Albuquerque, New Mexico 87401

RE: SAN JUAN BASIN ANNUAL GROUNDWATER REPORT

Dear Ms. Gannon:

The New Mexico Oil Conservation Division (OCD) has reviewed Public Service Company of New Mexico's (PNM) April 2, 1998 "1998 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT". This document contains the results of PNM's 1997 monitoring and remediation of contaminated ground water related to the closure of unlined oil and gas production pits in the San Juan Basin.

Below is the OCD's review of this document:

- A. The closure reports for the sites listed below shows that the extent of ground water contamination in excess of New Mexico Water Quality Control Commission (WQCC) ground water standards has not been completely defined. Therefore, the OCD requires that PNM install additional ground water monitoring wells to monitor and determine the extent of ground water contamination pursuant to their previously approved ground water investigation plan.

- | | | |
|----|--------------------------------|-----------------------------|
| 1. | Dogie Compressor Station North | Unit D, Sec. 04, T25N, R06W |
| 2. | Florance #32A | Unit F, Sec. 15, T30N, R08W |
| 3. | Jacques #2A | Unit D, Sec. 25, T30N, R09W |
| 4. | Mangum #1E | Unit F, Sec. 33, T29N, R11W |
| 5. | McClanahan #22 | Unit G, Sec. 14, T28N, R10W |
| 6. | Miles Federal #1E Drip | Unit N, Sec. 05, T26N, R07W |
| 7. | Zachry #18E | Unit O, Sec. 11, T28N, R10W |

Ms. Maureen Gannon
July 14, 1998
Page 2

B. A review of the ground water quality data for the sites listed below shows that either metals or chlorides and total dissolved solids are present in ground water in excess of WQCC standards at the sites. The OCD requires that PNM determine the extent of these ground water contaminants pursuant to their previously approved ground water investigation plan.

1. Miles Federal #1E Drip Unit N, Sec. 05, T26N, R07W
2. Randleman #1 Unit K, Sec. 13, T31N, R11W

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Bill Liess, BLM Farmington District Office

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



RE: SAN JUAN BASIN 3RD QUARTER 1996 GROUNDWATER REPORT

Dear Bill:

PNM Gas Services, PNMGS, (formerly Gas Company of New Mexico) is pleased to submit the 3rd Quarter 1996 Groundwater Report on Unlined Surface Impoundments in the San Juan Basin. Pursuant to PNM's Groundwater Management Program for Unlined Surface Impoundment Closures, the report details the ongoing investigation/remedial activities at unlined surface impoundments having groundwater contamination as identified by PNM. A list of groundwater sites is provided below.

Abrams Gas/Com L1
Cozzens B1
Cozzens B1E
Florance 32A
Florance 44
Florance 124
Honolulu Loop-Line Drip
Kaufmann 1
McCoy A1A
Templeton 1E
Zachry 18E

RECEIVED

NOV 04 1996

Environmental Bureau
Oil Conservation Division

PNM hereby requests two modifications of our Groundwater Management Program Unlined Surface Impoundment Closures submitted to OCD in March of 1996:

- PNM wishes to file annual groundwater progress reports to the OCD instead of quarterly reporting. Concerning sites with problematic or unusual activities, we will prepare individual reports to the OCD between annual reports as necessary. We will also file closure reports on groundwater sites as remediation is completed.
- PNM also asks for an exemption from notifying the OCD 48 hours in advance of any major sampling event or related activity at a groundwater site. We invite OCD to participate in our sampling events at any time. Please feel free to call Denver Bearden or me to schedule a time in the field with us.

If you have any questions regarding the contents of this report or the proposed modifications, please contact me at (505) 241-2974.

Sincerely,
PNM Environmental Services Department


Maureen Gannon
Project Manager

Attachment

cc: Denver Bearden, PNMGS
Denny Foust, OCD-Aztec Office
Leigh Gooding, WFS

bcc: Colin Adams (w/o analytical results)
Ron Johnson (w/o analytical results)
Toni Ristau (w/o analytical results)
Mark Sikelianos (w/o analytical results)

PNMGS Well Site: **Zachry 18E**

Groundwater Site Summary Report

Copies: WFS(1)
Operator (1)
NMOCD District Office (1)
NMOCD Santa Fe (1)

Quarter: 3 Year: 96

Operator: Meridian
Sec: 11 Twn: 28 N Rng: 10 W Unit: O
Canyon: Armenta

Vulnerable Class: Original
OCD Ranking: 40
Lead Agency: NMOCD

Topo Map: previously submitted
Well Completion Diagram: N/A
Groundwater Contour Map: N/A
Site Map with Analysis: N/A
Analytical Results: N/A

Activities for Quarter:

PNM reported the Zachry #18E as a groundwater site during this quarter.¹ No other activities were conducted.

Conclusions and Recommendations:

N/A

Further Action:

During the fourth quarter of 1996, PNM will install and sample groundwater monitoring wells.

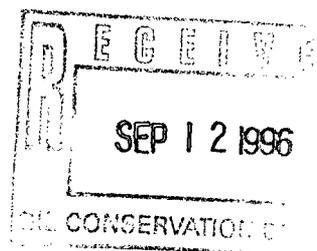
¹ See "Notification of Groundwater Contamination at the Zachry 18E Well Site," PNM to OCD, 9/09/96.

Public Service Company of New Mexico - Gas Services

Environmental Services Division - Alvarado Square, MS-0408
Albuquerque, NM 87158

Contact: Maureen Gannon

Telephone: 505-241-2974



September 9, 1996

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



RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE ZACHRY 18E 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 Zachry 18E well site, located in section 11, 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 Friday, September 6, 1996 (M. Gannon, PNM to B. Olson, OCD, 9/06/96).

On August 28, 1996, field personnel collected a sample from groundwater in an excavation approximately 10 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	693.5
Toluene	ppb	750	4765.0
Ethylbenzene	ppb	750	142.4
Xylenes	ppb	620	4945.3

Boldtype indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the Zachry 18E. 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/ZACH18E.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

Amberia

Munzo

ZACHRY 18E

SEC 11 T28N R10W UNIT

Canyon

Canyon

2050000
FEET

6° 37' 30"
107° 52' 30"

490000 FEET

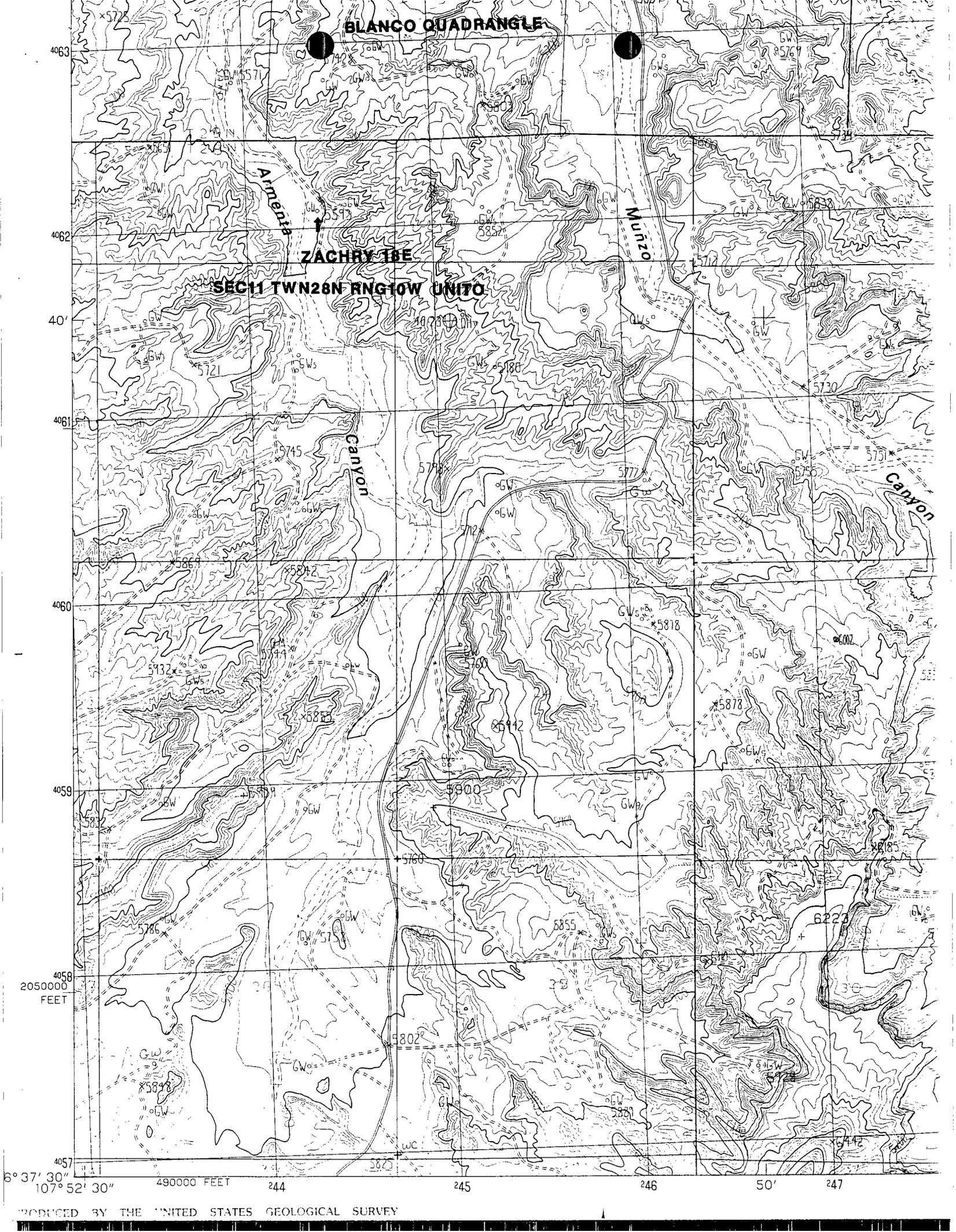
244

245

246

50'

247





QUALITY ASSURANCE REPORT
for EPA Method 8020

Date Analyzed: 28-Aug-96

Internal QC No.: 0486-QC

Surrogate QC No.: 0488-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	21.1	6	15%
Toluene	ppb	20.0	21.0	5	15%
Ethylbenzene	ppb	20.0	21.3	6	15%
m,p-Xylene	ppb	40.0	41.6	4	15%
o-Xylene	ppb	20.0	20.4	2	15%

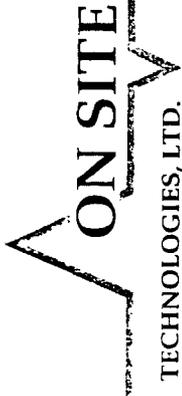
Matrix Spike

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	116	110	(39-150)	4	20%
Toluene	113	108	(46-148)	4	20%
Ethylbenzene	110	105	(32-160)	4	20%
m,p-Xylene	105	100	(35-145)	3	20%
o-Xylene	102	97	(35-145)	3	20%

Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limit Percent Recovered	(70-130)	
11912-4954	102	

S1: Fluorobenzene



CHAIN OF CUSTODY RECORD

4954

Date: 8-28-96

Page 1 of 1

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

Purchase Order No.:		Job No.		Name: Maureen Gannon		Title:	
Name: Denver Bearden		Company: PNM Gas Services		Company: PNM Gas Services			
Company: PNM Gas Services		Dept: 324-3763		Mailing Address: Alverado Square, Mail Stop 0408			
Address: 603 W. Elm Street		Zip: 320-5100		City, State, Zip: Albuquerque, NM 87158			
City, State, Zip: Farmington, NM 87401		Phone: 505-7654		Telephone No.: 505-848-2974		Telefax No.:	
Sampling Location: Zachry 18E; 19' excavation ground water sample				ANALYSIS REQUESTED			
Sampler: Ray Houston				Number of Containers			
SEND INVOICE TO		REPORT RESULTS TO		Number of Containers		LAB ID	
9608280730		8-28-96 0730 water WA 2		11912-457			
Date/Time: 8-28-96 0857		Received by: De S		Date/Time: 8/28/96			
Date/Time:		Received by:		Date/Time:			
Date/Time:		Received by:		Date/Time:			
Method of Shipment:		Rush		24-48 Hours		10 Working Days	
Authorized by: Ray Houston		Date: 8-28-96		Special Instructions:		Results to be sent to both parties.	



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 1100	Date 9/6/96
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Originating Party

Other Parties

Maureen Gannon - PNM

Bill Olson - Envir. Bureau
 Voice mail

Subject

Wackery #18 E Ground Water Contamination Notice

Discussion

PNM pit on Meridian - Wackery #18 E well site

Location - sec 11, T28N, R10 W

GW depth - 15'

Benzene - 693.5 ppb

BTEX - 10,546 ppb

Conclusions or Agreements

Distribution

Signed:

Bill Olson