

3R - 336

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2000-1997

**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

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

RECEIVED

April 5, 1999

APR 07 1999

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

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION



**RE: 1999 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT**

Dear Bill:

PNM is pleased to submit the 1999 Annual 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 reported in this document is provided below.

Blanco Wash Drip	Mangum 1E
Davis 1	McClanahan 22
Dogie East Pit	McClanahan A 2E
Dogie North Pit	McCoy Gas Com A1
Florance 124	Miles Federal 1E Drip
Florance 32A	O' Shea 1M
Florance 40	Patterson A Com A1
Florance 44	Pritchard 2
Florance M 47X	Randleman 1
Hampton 4M	Reid 16 Drip
Honolulu Drip	Turner 1A
Ice Canyon Drip	Wilmerding 1M
Jacques 2A	Zachry 18E
Jicarilla Contract 147-6	
Linda 1A	

Consistent with PNM's San Juan Basin Groundwater Management Plan, PNM will request closure of four of the above sites, the Florance 32A, Jacques 2A, Mangum 1E and the McClanahan A2E, with the submittal of the 1<sup>st</sup> Quarter 1999 Pit Closures Report. This request is based upon the analytical data collected over the last two years at each of the sites. BTEX concentrations have been consistently below WQCC standards for four consecutive quarters.

Upon approval of the groundwater closure report, PNM will plug and abandon all of the groundwater monitoring wells at each of the locations. The concrete pad and metal vault surrounding each well will be removed. The well casing will be cut to ground surface and each well will be plugged to the surface

Bill Olson  
04/05/99  
Page 2

with cement containing 5% bentonite. If you have any questions regarding the contents of the report, please contact me at (505) 241-2974.

Sincerely,

A handwritten signature in cursive script, appearing to read "Maureen Gannon". The signature is written in black ink and is positioned above the typed name.

Maureen Gannon  
Project Manager

Enclosure

cc: Colin Adams, Esq.  
Ingrid Deklau, WFS  
Denny Foust, OCD-Aztec Office  
Ron Johnson  
Mark Sikelianos  
Bill VonDrehle, WFS



RECEIVED

APR 07 1999

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

---

# Annual

# Groundwater Report

# 1999

---

Volume II

*Unlined Surface Impoundments  
San Juan Basin*



PNMGS Well Site: Miles Federal 1 E

## **Groundwater Site Summary Report**

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

Quarter/Year: 2<sup>nd</sup>/98, 3<sup>rd</sup>/98, & 4/98

---

**Operator:** Dreyfus  
**Sec:** 5 **Twn:** 26N **Rng:** 7W **Unit:** N  
**Canyon:** Largo

**Vulnerable Class:** Original  
**OCD Ranking:** 60  
**Lead Agency:** NMOCD

---

**Topo Map:** previously submitted  
**Well Completion Diagram:** previously submitted  
**Site Map with Analytical Results:** previously submitted  
**Groundwater Contour Map:** previously submitted  
**Hydrograph:** previously submitted  
**Full Suite- Groundwater Results:** previously submitted  
**Analytical Results:** previously submitted

### **Summary Statement:**

On February 18, 1999, the OCD approved PNM's request for closure of the Miles Federal 1E. A copy of the approval letter is attached.

---

### **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

---



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

February 18, 1999

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 7-274-520-626**

Ms. Kathy Juckes  
PNM Gas Services  
P.O. Box 4750  
Farmington, NM 87499

**RE: FINAL SAN JUAN BASIN PIT CLOSURE REPORTS**

Dear Ms. Juckes:

The New Mexico Oil Conservation Division (OCD) has completed a review of PNM Gas Services' (PNM) January 28, 1999 "OCD PIT CLOSURE REPORTS - GROUNDWATER SITES, 4TH REPORTING QUARTER 1998". This document contains "PIT REMEDIATION AND CLOSURE REPORTS" for 2 unlined pits in the San Juan Basin at which ground water contamination was discovered. The document requests closure of the sites since ground water has been remediated to below New Mexico Water Quality Control Commission (WQCC) standards as demonstrated in 4 consecutive quarterly sampling events at each site. The document also contains PNM's proposed ground water monitoring well plugging and abandonment procedures.

The pit closure/remediation activities and the proposed monitor well plugging and abandonment proposals for the sites listed below are approved.

- |                                 |                             |
|---------------------------------|-----------------------------|
| 1. Miles Federal #1E (Dehy pit) | Unit N, Sec. 05, T26N, R07W |
| 2. Turner #3 (Separator pit)    | Unit F, Sec. 24, T31N, R11W |

Please be advised that OCD approval does not relieve PNM of liability if remaining contaminants are found to pose a future threat to surface water, ground water, human health or the environment. In addition, OCD approval does not relieve PNM of responsibility for compliance with any other federal, state, tribal or local laws and regulations. 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



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.

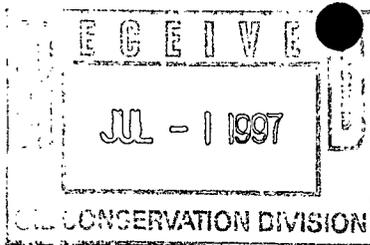
Sincerely,



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



June 24, 1997

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



**RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE MILES FEDERAL #1E DRIP 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 Miles Federal #1E Drip site. The drip is located in section 5, township 26 North, range 7 West, unit letter N. The operator at the site is Williams Field Services. This letter follows verbal notification provided to you on Monday, June 23, 1997 (M. Gannon, PNM to B. Olson, OCD, 6/23/97).

On June 6, 1997, field personnel collected samples from groundwater in an excavation underneath the former pit location. At the time of excavation, groundwater was encountered at approximately 12 feet below ground surface. Groundwater samples were delivered to OnSite Technologies, Ltd., in Farmington, New Mexico, for laboratory analysis. A hardcopy of the analytical results is attached and also provided below:

Component	Units	WQCC Stds.	Pit Excavation Water Sample
Benzene	ppb	10	<b>297</b>
Toluene	ppb	750	660
Ethylbenzene	ppb	750	56
Xylenes	ppb	620	387
Total BTEX	ppb		1401

**Boldtype** indicates a WQCC exceedance.

This letter serves as written notification of groundwater contamination at the Miles Federal #1E Drip. 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,

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

Maureen Gannon  
Project Manager

MDG/MIL1ED01.LTR

Attachment

cc: Colin Adams, PNM  
Denver Bearden, PNMGS  
Denny Foust, OCD-Aztec Office  
Robin Prisk, WFS  
Ron Johnson, PNM

55 T26N R7W "N"  
DTGW 12'  
Williams

OFF: (505) 325-5667



LAB: (505) 325-1556

### ANALYTICAL REPORT

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

Date: *17-Jun-97*  
COC No.: *5880*  
Sample No.: *14874*  
Job No.: *2-1000*

Project Name: *PNM Gas Services - Miles Federal #1E Drip*  
Project Location: *9706060800*  
Sampled by: *GC* Date: *6-Jun-97* Time: *8:00*  
Analyzed by: *DC* Date: *12-Jun-97*  
Sample Matrix: *Liquid*

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	<i>297</i>	<i>ug/L</i>	<i>2</i>	<i>ug/L</i>
<i>Toluene</i>	<i>660</i>	<i>ug/L</i>	<i>2</i>	<i>ug/L</i>
<i>Ethylbenzene</i>	<i>56</i>	<i>ug/L</i>	<i>2</i>	<i>ug/L</i>
<i>m,p-Xylene</i>	<i>280</i>	<i>ug/L</i>	<i>2</i>	<i>ug/L</i>
<i>o-Xylene</i>	<i>107</i>	<i>ug/L</i>	<i>2</i>	<i>ug/L</i>
<i>TOTAL</i>	<i>1401</i>	<i>ug/L</i>		

ND - Not Detected at Limit of Quantitation

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

Approved By: *[Signature]*  
Date: *6/17/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -







**GOULD PASS QUADRANGLE**

**Miss Federal #1E Well & Drip Site**  
**Sep 5 Twn 26N Rng 7W Unit N**

1001 FEET      267      268      35'      269      270

**GEOLOGICAL SURVEY**  
 USGS, NOS, NOAA  
 1977  
 UNITED STATES

**SCALE 1:24 000**