

3R - 341

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**  
2000 - 1997

**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.

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**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

April 15, 1997

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



**RE: 1997 SAN JUAN BASIN ANNUAL GROUNDWATER REPORT**

Dear Bill:

PNM is pleased to submit the 1997 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.

Cozzens B1  
Florance 32A  
Florance 40  
Florance 44  
Florance 47X  
Florance 124  
Hampton 4M  
Honolulu Loop-Line Drip  
Jacques 2A  
Kaufmann 1  
Mangum 1E  
McClanahan A2E  
McClanahan 22  
McCoy A1A  
Reid 16 Drip  
Templeton 1E  
Zachry 18E

**RECEIVED**

**APR 16 1997**

Environmental Bureau  
Oil Conservation Division

PNM plans to request closure of two of the above sites, the Florance 124 and the Templeton 1E, in our April 30, 1997 filing of the San Juan Pit Closure Reports to the OCD Santa Fe office. We did not report on our newest groundwater site, the Sammons 2, since this was discovered in the second quarter of 1997. 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 that reads "Maureen Gannon".

Maureen Gannon  
Project Manager

Attachment

cc: Denver Bearden, PNMGS  
Denny Foust, OCD-Aztec Office  
Robin Prisk, WFS

**PNM 1997 San Juan Basin Groundwater Report  
April 15, 1997**

**Prepared for:**

**New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505**

**Prepared by:**

**Public Service Company of New Mexico  
Environmental Services Department  
Alvarado Square - MS 0408  
Albuquerque, New Mexico 87158**

PNMGS Well Site: Reid 16 Drip

## **Groundwater Site Summary Report**

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

Quarter/Year: 1/97

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Operator: Burlington Resources  
Sec: 13 Twn: 28N Rng: 10W Unit: L  
Canyon: Munoz

Vulnerable Class: Original  
OCD Ranking: 20  
Lead Agency: NMOCD

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Topo Map: previously submitted  
Well Completion Diagram: Figure 1  
Site Map with Analytical Results: NA  
Groundwater Contour Map: NA  
Groundwater Contour Map: NA  
Hydrograph: NA  
Full-Suite Groundwater Sampling Results: NA  
Analytical Results: NA

### **Activities for First Quarter 1997:**

PNM installed groundwater monitoring wells at the Reid 16 Drip on February 12, 1997. No other activities were performed during the first quarter of 1997.

### **Results:**

NA

### **Future Actions:**

PNM will commence quarterly monitoring at the Reid 16 Drip during the second quarter of 1997.

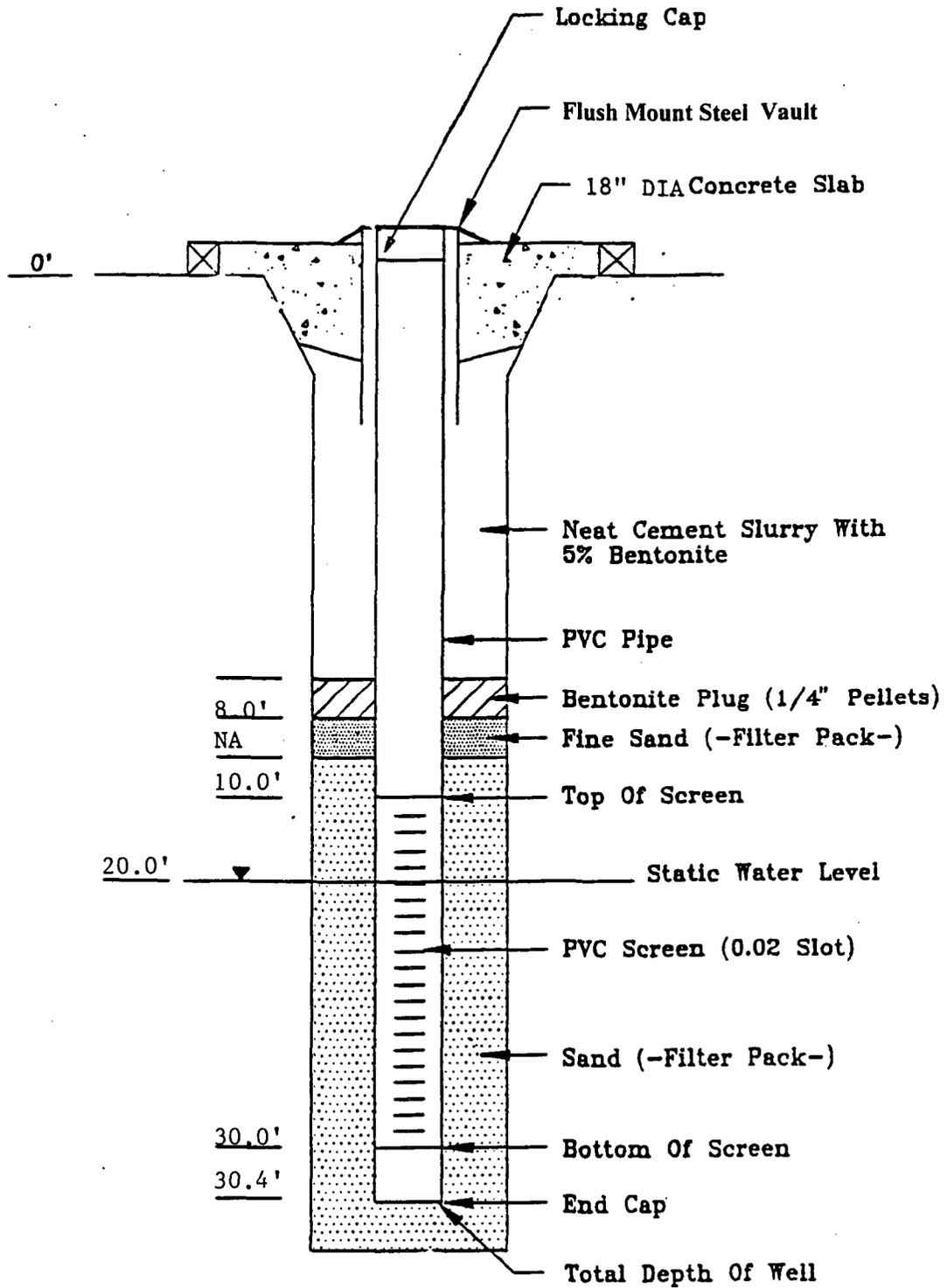
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### **Public Service Company of New Mexico - Gas Services**

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

**Contact: Maureen Gannon**

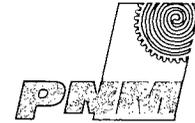
**Telephone: 505-241-2974**



CLIENT: PNM	
DATE:	REV. NO.: 0
AUTHOR: M.D.G.	DRAWN BY: M.P.
CK'D BY: M.D.G.	FILE: .DWG

Figure 1  
Well Completion Diagram

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



January 27, 1997

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

**RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE REID 16 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 Reid 16 Drip well site, located in section 18, township 28 North, range 9 West, unit letter L. A topographic map showing the location of the site is provided as an attachment. The operator is Burlington. This letter follows verbal notification provided to you on Monday, January 27, 1997 (M. Gannon, PNM to B. Olson, OCD).

On January 20, 1997, PNM encountered groundwater at approximately 20 feet while conducting vertical extent soil boring. A 2-inch, schedule 40, PVC monitoring well with 15 feet of 0.01 inch screen was placed in the annulus 10 feet below and 5 feet above the soil/water interface. The annulus was backfilled with 10-12 silica sand 2 feet above the screened interval with a 2-foot, hydrated bentonite seal. The annular space was then backfilled with neat cement grout with 5% bentonite. After purging three casing volumes, field personnel collected a groundwater sample for BTEX 8020 analysis. The groundwater sample was delivered to Envirotech Labs, in Farmington, New Mexico, for laboratory analysis. A hardcopy of the laboratory report is attached. A summary of the analytical results is provided below:

Component	Units	WQCC Stds.	Groundwater Sample
Benzene	ppb	10	<b>201</b>
Toluene	ppb	750	595
Ethylbenzene	ppb	750	307
Xylenes	ppb	620	<b>1,297</b>
<b>Total BTEX</b>	ppb		2,400

**Bold type** indicates a WQCC exceedance.

Reid 16 Drip  
1/27/97  
Page 2

This letter serves as written notification of groundwater impact at the Reid 16 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,  
PNM



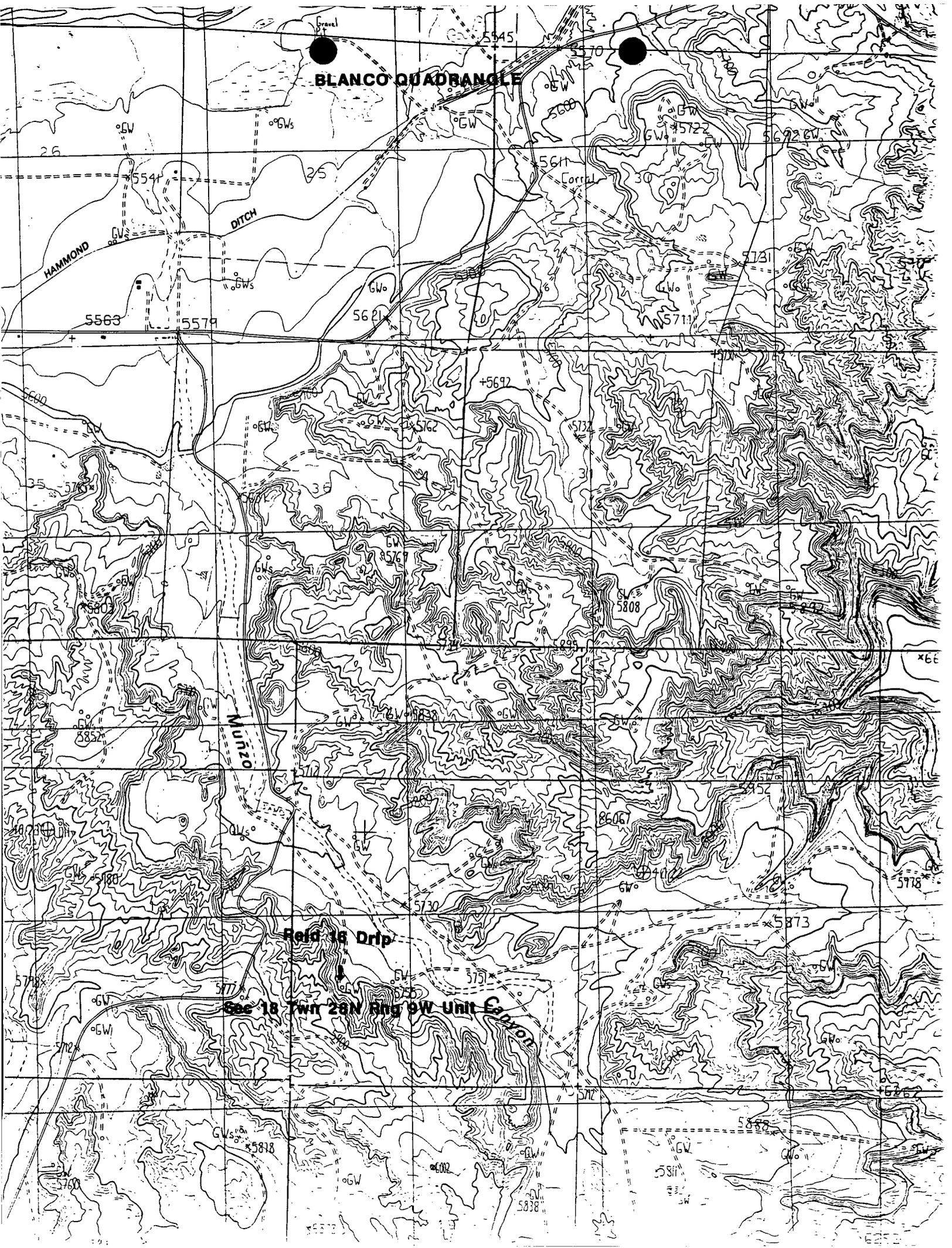
Maureen Gannon  
Project Manager

*s/gaspits/reid16.doc*

Attachment

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

**BLANCO QUADRANGLE**



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	PNM	Project #:	93108-02
Sample ID:	MW - 1 @ 20'	Date Reported:	01-21-97
Chain of Custody:	5056	Date Sampled:	01-20-97
Laboratory Number:	A911	Date Received:	01-20-97
Sample Matrix:	Water	Date Analyzed:	01-21-97
Preservative:	HgCl <sub>2</sub> & Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	201	2	0.4
Toluene	595	2	0.3
Ethylbenzene	307	2	0.3
p,m-Xylene	660	2	0.4
o-Xylene	637	2	0.2
Total BTEX	2,400		

ND - Parameter not detected at the stated detection limit.

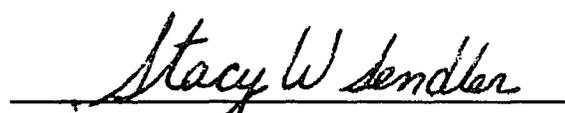
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	101 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Reed #16 Drip.

  
Analyst

  
Review



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 1500

Date 1/27/97

Originating Party

Other Parties

Maureen Cannon - PNM

Bill Olson - Envir. Bureau

Subject

Reid #16 Drip - Notice of GW Contamination  
 Unit L, Sec 18, T28N, R9W

Discussion

PNM line drip pit at Burlington/Medison Reid #16 well site

GW = 20'

benzene = 201 ppb

BTEX = 2400 ppb

Conclusions or Agreements

Distribution

file

Denny Faust - OCD Actex

Signed

Bill Olson