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

January 13, 1997

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

RE: NOTIFICATION OF GROUNDWATER CONTAMINATION AT THE HAMPTON 4M 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 Hampton 4M well site, located in section 13, township 30 North, range 11 West, unit letter D. 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 Tuesday January 7, 1997 (M. Gannon, PNM to B. Olson, OCD).

On December 16, 1996, groundwater was encountered at approximately 28 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 one foot above the screened interval with a one foot bentonite seal. Clean fill material was then backfilled to the surface. 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 analytical results is attached. A summary of the analytical results is provided below:

Component	Units	WQCC Stds.	Groundwater Sample
Benzene	ppb	10	**3,840**
Toluene	ppb	750	**7,960**
Ethylbenzene	ppb	750	**896**
Xylenes	ppb	620	**7,920**
Total BTEX	ppb		20,620

Bold type indicates a WQCC exceedance.

This letter serves as written notification of groundwater impact at the Hampton 4M. 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/hampt4m.doc

Attachment

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020
AROMATIC VOLATILE ORGANICS

Client:	Public Service Co. of NM.	Project #:	93108-02
Sample ID:	TB #1	Date Reported:	12-18-96
Chain of Custody:	5035	Date Sampled:	12-16-96
Laboratory Number:	A842	Date Received:	12-16-96
Sample Matrix:	Water	Date Analyzed:	12-17-96
Preservative:	HgCl2 & Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**3,840**	**10**	**1.8**
Toluene	**7,960**	**10**	**1.7**
Ethylbenzene	**896**	**10**	**1.5**
p,m-Xylene	**5,600**	**10**	**2.2**
o-Xylene	**2,320**	**10**	**1.0**
Total BTEX	**20,620**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**101 %**
	Bromofluorobenzene	**98 %**

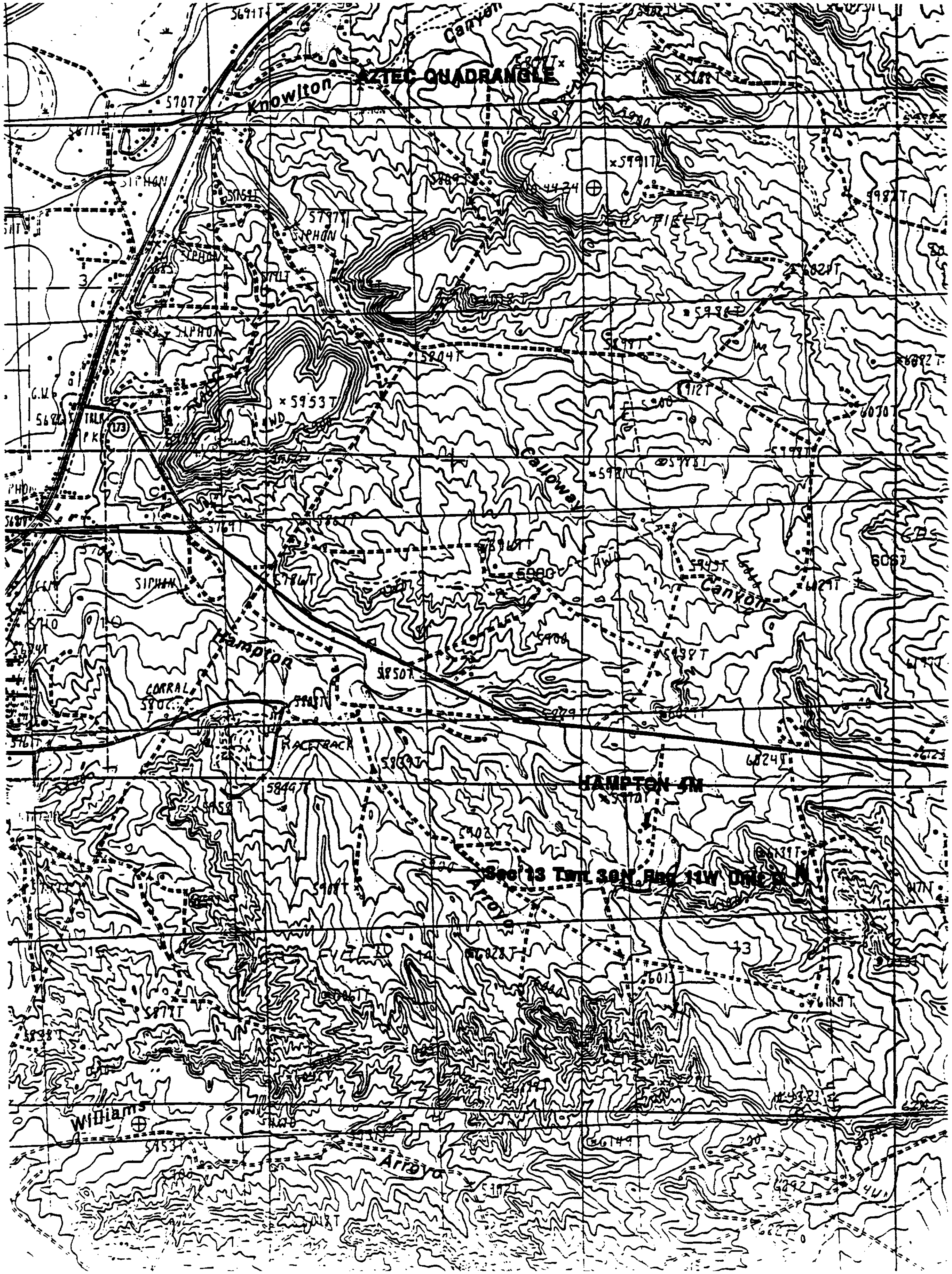
References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

Comments: **2.1 Miles South on CR 2585, Hampton #4M (@ GW).**

Analyst

Review


AZTEC QUADRANGLE
Knowlton
Canyon
Calloway
Canyon
Hampton
Arroyo
CORRAL
RACETRACK
SIPHON
HAMPTON 4M
Sec 13 Twn 30N Rng 11W Unit N
Williams
Arroyo
GAS FIELD