



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

**MERIDIAN OIL**

SEP 2 1997

FARMINGTON, NEW MEXICO  
REGULATORY

August 27, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-410-431-213**

Mr. Craig A. Bock  
Burlington Resources  
P.O. Box 4289  
Farmington, New Mexico 87499-4289

**RE: GROUND WATER CONTAMINATION  
HAMPTON 4M WELL SITE**

Dear Mr. Bock:

The New Mexico Oil Conservation Division (OCD) has reviewed Burlington Resources' (BR) August 1997 "BURLINGTON RESOURCES OIL & GAS CO. DATA SUMMARY, HAMPTON 4M PRODUCTION LOCATION". This document contains a summary of BR's recent investigation of soil and ground water contamination at BR's Hampton 4M well site near Aztec, New Mexico.

A review of the above referenced document shows that soil and ground water contamination upgradient of PNM's former dehydration pit appears to be a result of production activities related to BR's Hampton 4M well site. Therefore, the OCD requires that BR submit a detailed soil and ground water investigation work plan for the areas upgradient of PNM's former dehydration pit. The work plan will be submitted to the OCD Santa Fe Office by September 12, 1997 with a copy provided to the OCD Aztec District Office. The work plan will contain detailed information on:

1. How BR plans to conduct investigations as to the source of the contamination.
2. Proposed locations and construction plans for installation of permanent ground water monitoring points which define the extent of ground water contamination.
3. Soil and ground water sampling plans.
4. A schedule for completion of all work elements and submission of a report on the investigations.

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Mr. Craig A. Bock  
August 27, 1997  
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If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson  
Hydrogeologist  
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office  
Maureen Gannon, PNM

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August 27, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-410-431-214**

Ms. Maureen Gannon  
PNM  
Alvarado Square, MS 0408  
Albuquerque, New Mexico 87158

**RE: GROUND WATER CONTAMINATION  
HAMPTON 4M WELL SITE**

Dear Ms. Gannon:

The New Mexico Oil Conservation Division (OCD) has recently reviewed Burlington Resources' (BR) August 1997 "BURLINGTON RESOURCES OIL & GAS CO. DATA SUMMARY, HAMPTON 4M PRODUCTION LOCATION". This document contains a summary of BR's recent investigation of soil and ground water contamination at BR's Hampton 4M well site near Aztec, New Mexico.

A review of the above referenced document shows that soil and ground water contamination upgradient of PNM's former dehydration pit appears to be a result of production activities related to BR's Hampton 4M well site. However, free phase product contamination of ground water in the vicinity of the dehy unit appears to be the result of disposal practices at PNM's former unlined dehy pit. Therefore, the OCD requires that PNM address soil and ground water contamination at PNM's former dehy pit and downgradient of the pit under PNM's "GROUNDWATER MANAGEMENT PROGRAM FOR UNLINED SURFACE IMPOUNDMENT CLOSURES".

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

Sincerely,

A handwritten signature in black ink, appearing to read "Will Olson".

William C. Olson  
Hydrogeologist  
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office  
Craig A. Bock, Burlington, Resources

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