



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

April 7, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. 7-235-437-253

Mr. Ed Hasely
Burlington Resources
P.O. 4289
Farmington, New Mexico 87499-4289

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

Dear Ms. Gannon:

The New Mexico Oil Conservation Division (OCD) has reviewed Burlington Resources (BR) January 30, 1998 "HAMPTON 4M - GROUNDWATER CONTAMINATION, UNIT LETTER N, SECTION 13, TOWNSHIP 30N, RANGE 11W". This document contains the results of BR's recent investigation and remedial actions at the Hampton 4M well site near Aztec, New Mexico. The document also recommends an action plan for remediation and monitoring of contaminated ground water related to BR's operations.

The investigation and remedial actions taken to date are satisfactory, however, the OCD notes that BR did not analyze ground water samples from the monitor wells for New Mexico Water Quality Control Commission (WQCC) metals and cations and anions pursuant to the OCD's November 124, 1997 work plan approval conditions.

The remedial action plan as contained in the above referenced document is approved with the following conditions:

1. BR will install 2 additional monitor wells at the locations of former temporary boreholes TPW-1 and TPW-2 for the purposes of monitoring the downgradient limits of BR's ground water plume. The monitor wells will be installed and constructed in accordance with the procedures outlined in BR's September 19, 1997 prior work plan.
2. BR will sample and analyze ground water from all of the monitor wells for concentrations of benzene, toluene, ethylbenzene, xylene (BTEX), WQCC metals and cations and anions using EPA approved methods and quality assurance/quality control procedures.

MW-9
MW-10

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PNM - 23

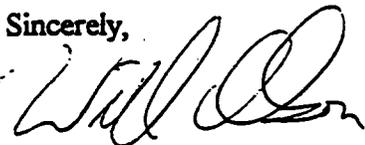
Mr. Ed Haseley
April 7, 1998
Page 2

3. BR will submit a report on the remediation and investigation actions to the OCD by May 8, 1998. The report will contain:
 - a. A description of all activities conducted including conclusions and recommendations.
 - b. A water table elevation map showing all monitor well locations and relevant site features and the direction and magnitude of the hydraulic gradient.
 - c. Geologic logs and well completion diagrams for each monitor well.
 - d. The laboratory analytical results of all soil and water quality sampling including the quality assurance/quality control data.
 - e. The disposition of all wastes generated.
 - f. A long term ground water monitoring plan.

Pleased be advised that OCD approval does not relieve BR of liability if BR fails to adequately remediate or define the extent of contamination related to BR's activities. In addition, OCD approval does not relieve BR of responsibility for compliance with any other federal, state, local or tribal 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
Maureen Gannon, PNM
J. Burton Everett

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