



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

November 24, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-410-431-231**

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

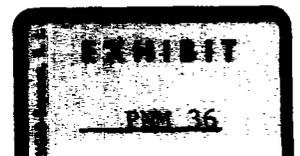
**RE: GROUND WATER CONTAMINATION  
HAMPTON 4M WELL SITE**

Dear Mr. Bock:

The New Mexico Oil Conservation Division (OCD) has reviewed Burlington Resources' (BR) September 19, 1997 "SOIL AND GROUNDWATER INVESTIGATION WORK PLAN, HAMPTON 4M - UNIT LETTER N, SECTION 13, TOWNSHIP 30N, RANGE 11W". This document contains BR's work plan to determine the extent of soil and ground water contamination related to BR's activities at the Hampton 4M well site near Aztec, New Mexico.

The above referenced work plan is approved with the following conditions:

1. The soil source remediation activities will be completed by December 19, 1997.
2. After completion of the soil source remediation activities BR will install two additional monitoring wells. One well will be located in the source area at the location of temporary monitor well TPW-7. The second monitor well will be located midway between MW-4 and TPW-3.
3. Ground water from all of the monitor wells will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene (BTEX), Water Quality Control Commission (WQCC) metals and cations and anions using EPA approved methods and quality assurance/quality control procedures.
4. BR will submit a report on the remediation and investigation actions to the OCD by January 31, 1997. The report will contain:
  - a. A description of all activities conducted including conclusions and recommendations.



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- b. A map showing the remediated areas, the monitor well locations 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.

Please be advised that OCD approval does not relieve BR of liability if the work plan 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  
Hydrogeologist  
Environmental Bureau

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