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APPROVALS

YEAR(S):

1999 - 1998



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

June 15, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. P-274-520-673

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

**RE: MONITOR WELL PLUGGING
JOHNSTON FEDERAL #6A**

Dear Mr. Hasely:

The New Mexico Oil Conservation Division (OCD) has reviewed Burlington Resources (BR) June 4, 1999 "JOHNSTON FEDERAL #6A, UNIT LETTER F, SECTION 35, TOWNSHIP 31N, RANGE 9W, REQUEST FOR REMOVAL OF TEMPORARY MONITORING WELL". This document contains the results of all BR pit closure and monitor well installation activities at Johnston Federal #6A well site in San Juan County, New Mexico. The document also requests permission to plug and abandon BR's site monitor well based upon the lack of contamination in excess of OCD soil guidelines and New Mexico Water Quality Control Commission ground water standards at the source.

The above referenced plugging request is approved.

Please be advised that OCD approval does not relieve BR of liability if remaining contaminants pose a future threat to surface water, ground water, human health or the environment. In addition, OCD approval does not relieve BR of responsibility for compliance with any other federal, state or local laws and regulations.

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

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

Z 274 520 673

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

September 10, 1998

CERTIFIED MAIL

RETURN RECEIPT NO. Z-274-520-556

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

RE: SAN JUAN BASIN GROUND WATER INVESTIGATION WORK PLAN

Dear Mr. Hasely:

The New Mexico Oil Conservation Division (OCD) has completed a review of Burlington Resources (BR) August 6, 1998 "GROUNDWATER INVESTIGATION AND REMEDIATION PLAN, SAN JUAN BASIN, NEW MEXICO". This document contains BR's work plan for investigation and remediation of contaminated ground related to the former use of unlined pits in the San Juan Basin of Northwestern New Mexico.

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

1. All initial source area monitoring wells will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene (BTEX), total dissolved solids (TDS), major cations and anions and New Mexico Water Quality Control Commission (WQCC) metals.
2. BR will conduct all sampling and analysis activities using EPA approved methods and procedures including appropriate quality assurance/quality control (QA/QC).
3. A minimum of 2 downgradient monitor wells will be installed if the source area monitor well indicates that there is ground water contamination in excess of WQCC standards.
4. All wastes generated will be disposed of at an OCD approved facility or in an OCD approved manner.
5. The annual reports on investigation/remedial activities will present the information on each site as a separate case. Each case will contain:
 - a. A description of all investigation and remediation activities which occurred during the past calendar year including conclusions and recommendations.

Mr. Ed Hasely
September 10, 1998
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- b. Summary tables containing all past and present laboratory analytic results of soil and water sampling including copies of the laboratory data sheets and associated QA/QC data for samples analyzed during the past calendar year.
 - c. Quarterly site/water table elevation map.
 - d. Quarterly isopleth maps for contaminants of concern (ie. BTEX, etc.)
 - e. Geologic logs and completion diagrams for all monitor wells installed within the past calendar year.
 - f. The disposition of all wastes generated.
6. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Please be advised that OCD approval does not relieve BR of liability if contamination exists which is beyond the scope of the work plan, if the activities fail to adequately determine the extent of contamination; or if the activities fail to adequately remediate contamination related to BR's activities. In addition, OCD approval does not relieve BR of responsibility for compliance with any other federal, state, tribal or local laws and regulations.

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

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

cc: Denny Foust, OCD Aztec District Office