

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                        |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 1a. Type of Work<br>DRILL                                                                              | 5. Lease Number<br>SF-078134<br>Unit Reporting Number                                                                              |
| 1b. Type of Well<br>GAS                                                                                | 6. If Indian, All. or Tribe                                                                                                        |
| 2. Operator<br><b>BURLINGTON RESOURCES</b> Oil & Gas Company                                           | 7. Unit Agreement Name                                                                                                             |
| 3. Address & Phone No. of Operator<br>PO Box 4289, Farmington, NM 87499<br>(505) 326-9700              | 8. Farm or Lease Name<br>Crandell<br>9. Well Number<br>2B                                                                          |
| 4. Location of Well<br>835' FSL, 1710' FWL ✓<br>Latitude 36° 52.7, Longitude 107° 55.6                 | 10. Field, Pool, Wildcat<br>Blanco Mesaverde<br>11. Sec., Twn, Rge, Mer. (NMPM)<br>N Sec. 19, T-31-N, R-10-W<br>API # 30-045-30003 |
| 14. Distance in Miles from Nearest Town<br>5 miles from Aztec                                          | 12. County<br>San Juan ✓<br>13. State<br>NM                                                                                        |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>835'                          | 17. Acres Assigned to Well<br>315.40 W/2<br>W 716.69                                                                               |
| 16. Acres in Lease                                                                                     |                                                                                                                                    |
| 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease<br>500' |                                                                                                                                    |
| 19. Proposed Depth<br>5295'                                                                            | 20. Rotary or Cable Tools<br>Rotary                                                                                                |
| 21. Elevations (DF, FT, GR, Etc.)<br>5931'                                                             | 22. Approx. Date Work will Start                                                                                                   |
| 23. Proposed Casing and Cementing Program<br>See Operations Plan attached                              | DRILLING OPERATIONS AUTHORIZED ARE<br>SUBJECT TO COMPLIANCE WITH ATTACHED<br>"GENERAL REQUIREMENTS"                                |
| 24. Authorized by: <i>Regan Cole</i><br>Regulatory/Compliance Administrator                            | Date<br>10-2-99                                                                                                                    |

PERMIT NO. \_\_\_\_\_ APPROVAL DATE **DEC 01 1999**  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **12/1/99**

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

*OR 72*

HM000

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DEC - 3 1999

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                             |                                                          |                       |                                  |
|-----------------------------|----------------------------------------------------------|-----------------------|----------------------------------|
| *API Number<br>30-045 30003 |                                                          | *Pool Code<br>72319 ✓ | *Well Name<br>Blanco Mesaverde ✓ |
| *Property Code<br>6930      | *Property Name<br>CRANDELL                               |                       | *Well Number<br>2B               |
| *OGRID No.<br>14538 ✓       | *Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY |                       | *Elevation<br>5931'              |

10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| N             | 19      | 31N      | 10W   |         | 835           | SOUTH            | 1710          | WEST           | SAN JUAN |

11 Bottom Hole Location If Different From Surface

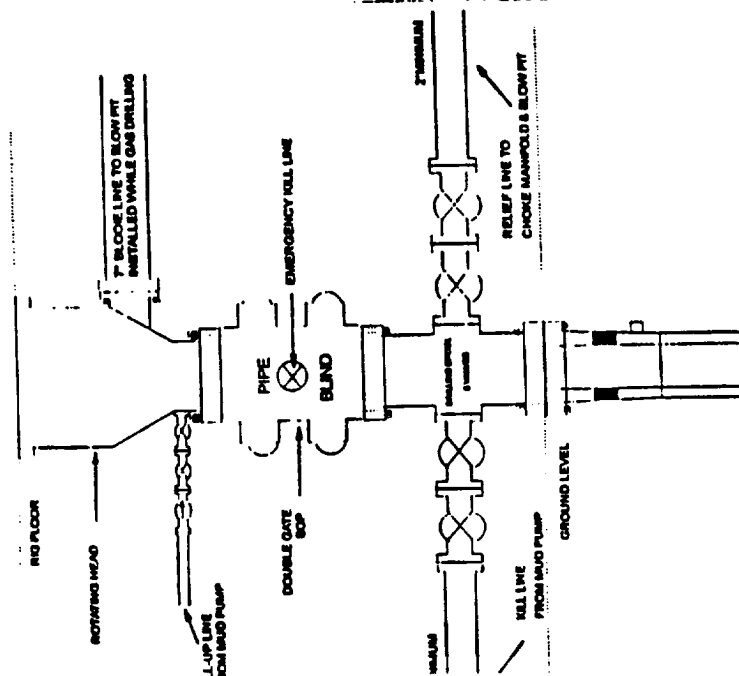
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                                     |                  |                     |            |
|-------------------------------------|------------------|---------------------|------------|
| *Dedicated Acres<br>W/315.40 316.69 | *Joint or Infill | *Consolidation Code | *Order No. |
|-------------------------------------|------------------|---------------------|------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|             |  |           |  |          |  |                                                                                                                                                                                                              |  |
|-------------|--|-----------|--|----------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 16 1304.16' |  | 1335.18'  |  | 2624.16' |  | 17 OPERATOR CERTIFICATION                                                                                                                                                                                    |  |
| LOT 1       |  | A         |  | LOT 6    |  | LOT 5                                                                                                                                                                                                        |  |
| 5272.08'    |  | LOT 2     |  | LOT 7    |  | Signature<br>Peggy Cole                                                                                                                                                                                      |  |
| FEE         |  | LOT 8     |  | LOT 9    |  | Printed Name<br>Regulatory Administrator                                                                                                                                                                     |  |
| LOT 3       |  | LOT 12    |  | LOT 11   |  | Title<br>10-2-99                                                                                                                                                                                             |  |
| LOT 13      |  | LOT 14    |  | LOT 15   |  | Date                                                                                                                                                                                                         |  |
| 1710'       |  | SF-078134 |  | LOT 16   |  | 18 SURVEYOR CERTIFICATION                                                                                                                                                                                    |  |
| 1291.62'    |  | 1337.16'  |  | 2674.32' |  | I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. |  |
| A           |  | A         |  | A        |  | AUGUST 21, 1999                                                                                                                                                                                              |  |
| A           |  | A         |  | A        |  | Date of Survey                                                                                                                                                                                               |  |
| A           |  | A         |  | A        |  | Signature and Seal of Professional Surveyor                                                                                                                                                                  |  |
| A           |  | A         |  | A        |  | NEALE C. EDWARDS<br>NEW MEXICO<br>6857                                                                                                                                                                       |  |
| A           |  | A         |  | A        |  | Certificate Number 6857                                                                                                                                                                                      |  |

# BOP Configuration 2M psi System

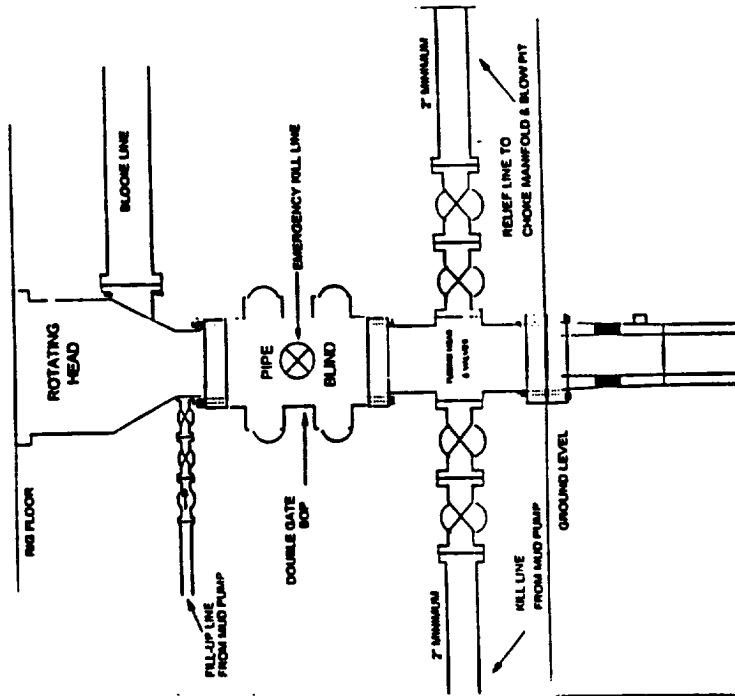


1" Bore, 2000psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaeffer Type 50 or equivalent rotating head to be installed on the top of the BOP. All equipment is 2000psi working pressure or better.

FIGURE #1

# BURLINGTON RESOURCES

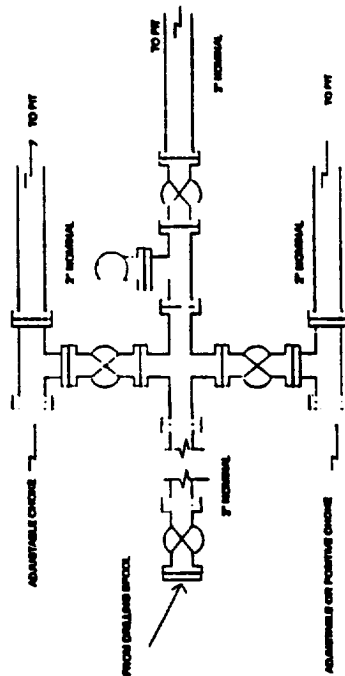
## BOP Configuration 2M psi System



Minimum BOP Installation for Completion operations. 7 1/16" Bore (6" Nominal), 2,000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams.

FIGURE #2

## Choke Manifold Configuration 2M System



Minimum choke manifold installation from surface to Total Depth.  
2" minimum, 2000psi working pressure equipment with two chokes.

Figure #3

835' FSL & 1710' FWL, SECTION 19, T31N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

NO NEW CONSTRUCTION  
SE/SW SECTION 19, T31N, R10W.

