

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-078115<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>Grenier<br>9. Well Number<br>12M                                                                            |                    |
| 4. Location of Well<br>1900' FNL, 665' FEL<br>Latitude 36° 54.1, Longitude 108° 02.6                    | 10. Field, Pool, Wildcat<br>Blanco MV/Basin DK<br>11. Sec., Twn, Rge, Mer. (NMPM)<br>H Sec. 13, T-31-N, R-12-W<br>API # 30-045-30117 |                    |
| 14. Distance in Miles from Nearest Town<br>5 miles from Aztec                                           | 12. County<br>San Juan                                                                                                               | 13. State<br>NM    |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>665'                           | 17. Acres Assigned to Well<br>307.78 E/2                                                                                             |                    |
| 16. Acres in Lease                                                                                      | 20. Rotary or Cable Tools<br>Rotary                                                                                                  |                    |
| 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease<br>1200' | 22. Approx. Date Work will Start                                                                                                     |                    |
| 19. Proposed Depth<br>7398'                                                                             | 21. Elevations (DF, FT, GR, Etc.)<br>6201' GR                                                                                        |                    |
| 23. Proposed Casing and Cementing Program<br>See Operations Plan attached                               | 24. Authorized by: <u>Peggy Cale</u><br>Regulatory/Compliance Administrator                                                          |                    |
|                                                                                                         |                                                                                                                                      | Date <u>1-4-00</u> |

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature]

TITLE Acting

DATE MAR 6 2000

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.

ohfe

NMOCD

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

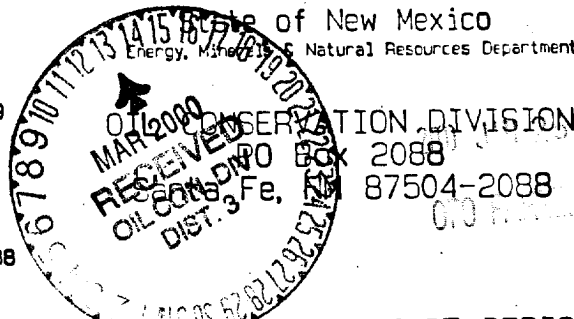
District II  
PO Drawer DD, Artesia, NM 88211-0719

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

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



☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |                                                          |                           |                                             |
|-------------------------------------|----------------------------------------------------------|---------------------------|---------------------------------------------|
| *API Number<br>30-045- <u>30117</u> |                                                          | *Pool Code<br>72319/71599 | *Pool Name<br>Blanco Mesaverde/Basin Dakota |
| *Property Code<br>18530             | *Property Name<br>GRENIER                                |                           | *Well Number<br>12M                         |
| *OGRID No.<br>14538                 | *Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY |                           | *Elevation<br>6201'                         |

#### 10 Surface Location

| UL or lot no. | Section | Township | Range | Lot 10 | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|--------|---------------|------------------|---------------|----------------|----------|
| H             | 13      | 31N      | 12W   |        | 1900          | NORTH            | 665           | EAST           | SAN JUAN |

#### 11 Bottom Hole Location If Different From Surface

| UL or lot no.                        | Section | Township           | Range | Lot 11                | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|--------------------|-------|-----------------------|---------------|------------------|---------------|----------------|--------|
|                                      |         |                    |       |                       |               |                  |               |                |        |
| 12 Dedicated Acres<br>MV/DK:E/307.78 |         | 13 Joint or Infill |       | 14 Consolidation Code |               | 15 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

|                                    |       |           |       |  |
|------------------------------------|-------|-----------|-------|--|
| 4926.90'                           |       |           | LOT 1 |  |
| LOT 4                              | LOT 3 | LOT 2     | 1900' |  |
| 2583.90'                           |       | 665'      |       |  |
| Reissued to show revised location. |       | LOT 5     |       |  |
| 13                                 |       | SF-078115 |       |  |
| 2683.56'                           |       | 5204.10'  |       |  |
|                                    |       | LOT 6     |       |  |
|                                    |       | LOT 7     |       |  |

#### 17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Peggy Cole*  
Signature  
Peggy Cole  
Printed Name  
Regulatory Administrator  
Title  
1-4-00  
Date

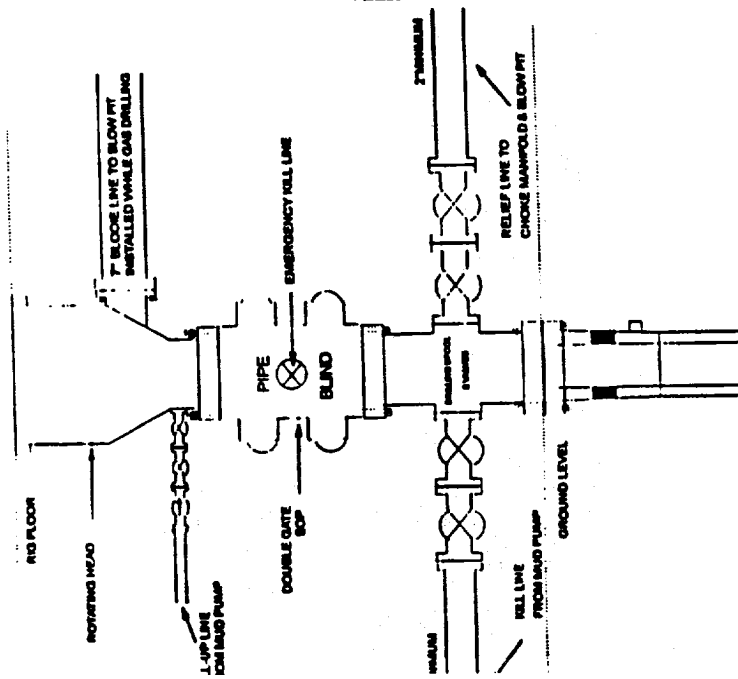
#### 18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision and that the same is true and correct to the best of my belief.

DECEMBER 1, 1999  
Date of Survey  
Signature and Seal of Surveyor  
**NEALE C. EDWARDS**  
NEW MEXICO  
6857

# BOP Configuration 2M psi System

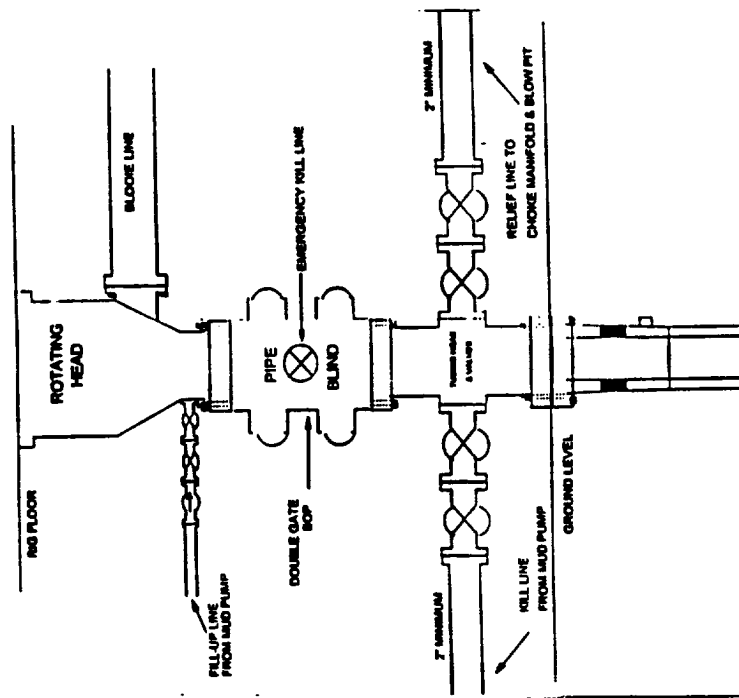
## BURLINGTON RESOURCES



\* 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

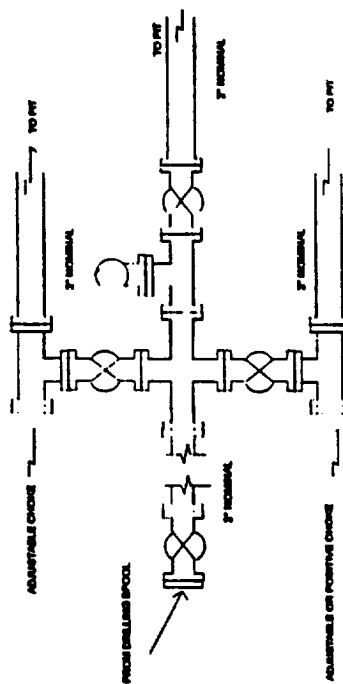
# BOP Configuration 2M psi System



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\"/>

Figure #3

BURLINGTON RESOURCES OIL & GAS COMPANY GRENIER #12M

1900' FNL & 665' FEL, SECTION 13, T31N, R12W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

900' NEW BLM CONSTRUCTION  
SE/NE SECTION 13, T31N, R12W.

