

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1999 DEC -3 PM 1:42  
070 FARMINGTON, NM

|                                                                                                        |                                                                                                     |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1a. Type of Work<br>DRILL                                                                              | 5. Lease Number<br>SF-079049 B                                                                      |
| 1b. Type of Well<br>GAS                                                                                | Unit Reporting Number                                                                               |
| 2. Operator<br><b>BURLINGTON RESOURCES</b><br>Oil & Gas Company                                        | 6. Indian, All. or Tribe                                                                            |
| 3. Address & Phone No. of Operator<br>PO Box 4289, Farmington, NM 87499<br>(505) 326-9700              | 7. Unit Agreement Name<br>San Juan 28-6 Unit                                                        |
| 4. Location of Well<br>1550' FNL, 1850' FEL,<br>Latitude 36° 37.3, Longitude 107° 28.2                 | 8. Farm or Lease Name<br>San Juan 28-6 Unit                                                         |
| 14. Distance in Miles from Nearest Town<br>53 miles from Blanco                                        | 9. Well Number<br>116M                                                                              |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>1550'                         | 10. Field, Pool, Wildcat<br>Blanco MV/Basin DK                                                      |
| 16. Acres in Lease                                                                                     | 11. Sec., Twn, Rge, Mer. (NMPM)<br>Sec. 33, T-28-N, R-6-W<br>API # 30-039- 26250                    |
| 17. Acres Assigned to Well<br>DK: 320 N/2<br>MV: 325.12 E/2                                            | 12. County<br>Rio Arriba                                                                            |
| 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease<br>800' | 13. State<br>NM                                                                                     |
| 19. Proposed Depth<br>7850'                                                                            | 20. Rotary or Cable Tools<br>Rotary                                                                 |
| 21. Elevations (DF, FT, GR, Etc.)<br>6593' GR                                                          | 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: <u>Peggy Cole</u><br>Regulatory/Compliance Administrator                            | <u>10-20-99</u><br>Date                                                                             |

PERMIT NO. chse

APPROVAL DATE

APPROVED BY WAYNE TOWNSEND

TITLE Acting Tender

DATE 3-10-00

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.

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

STATE OF NEW MEXICO  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

1999 DEC -3 PM 1:42

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT, NM

|                                         |                                                                      |                                                         |
|-----------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------|
| <sup>1</sup> API Number<br>30-039-26250 | <sup>2</sup> Pool Code<br>72319/71599                                | <sup>3</sup> Pool Name<br>Blanco Mesaverde/Basin Dakota |
| <sup>4</sup> Property Code<br>7462      | <sup>5</sup> Property Name<br>SAN JUAN 28-6 UNIT                     | <sup>6</sup> Well Number<br>116M                        |
| <sup>7</sup> GRID No.<br>14538          | <sup>8</sup> Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY | <sup>9</sup> Elevation<br>6593'                         |

### <sup>10</sup> Surface Location

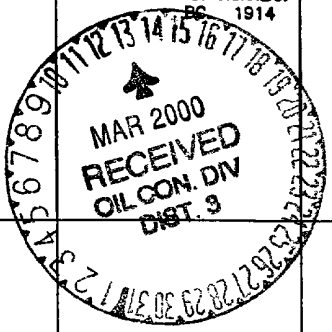
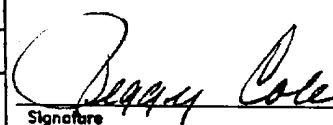
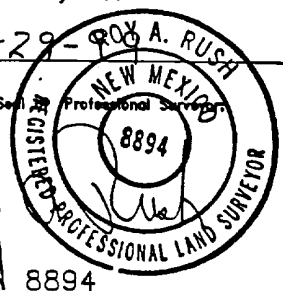
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| G             | 33      | 28-N     | 6-W   |         | 1550          | NORTH            | 1850          | EAST           | RIO ARRIBA |

### <sup>11</sup> Bottom Hole Location If Different From Surface

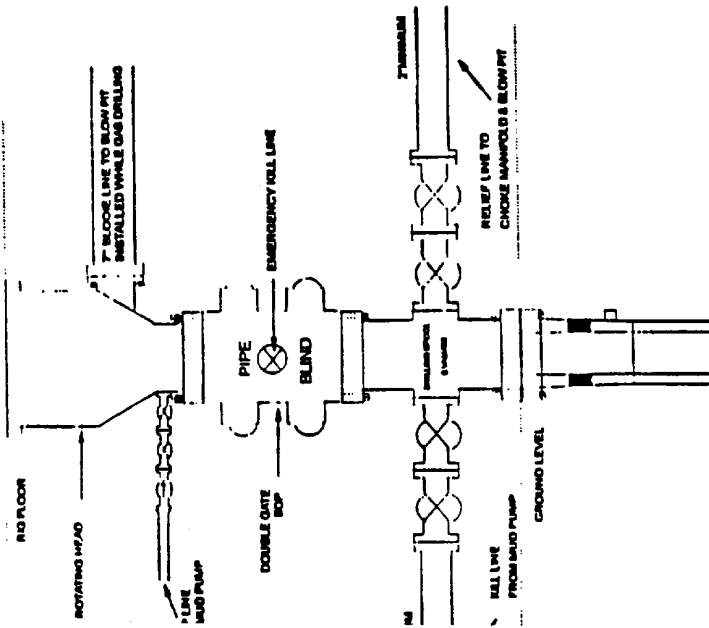
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |     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

|                                                        |                               |                                  |                         |
|--------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>MV:E/325.12; DK:N/320 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>16</div> <div></div> <div>FD. U.S.G.L.O. BC. 1914</div> <div>S 89-56-47 W (M) 2640.98'</div> <div>FD. U.S.G.L.O. BC. 1914</div> <div>1550'</div> <div>1850'</div> <div>LAT. = 36° 37.3' N.<br/>LONG. = 107° 28.2' W.</div> <div>SF-079049-B</div> <div>33</div> <div>NMSF-079051</div> <div>FD. U.S.G.L.O. BC. 1914</div> <div>S 00-01-42 E</div> <div>2642.76' (M)</div> | <div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div></div> <div>Signature<br/>Peggy Cole</div> <div>Printed Name<br/>Regulatory Administrator</div> <div>Title<br/>10-20-99</div> <div>Date</div>                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>9-29-99</div> <div>Date of Survey</div> <div></div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div>8894</div> <div>Certificate Number</div> |

# BOP Configuration 2M psi System

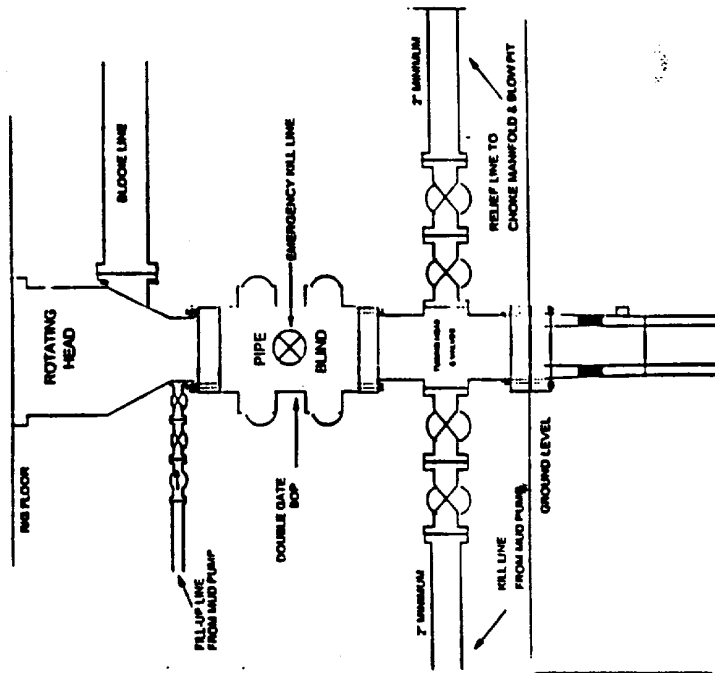


3000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaeffer Type 50 or equivalent rotating head to be used on the top of the BOP. All equipment is 2000psi working pressure or better.

FIGURE #1

# BURLINGTON RESOURCES

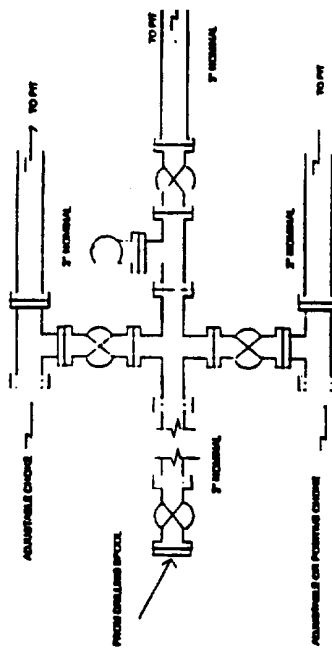
## BOP Configuration 2M psi System



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 evaluation from surface to Total Depth.  
2\" minimum, 2000psi working pressure equipment with two chokes.

Figure #3

BURLINGTON RESOURCES OIL & GAS COMPANY

SAN JUAN 28-6 UNIT No. 116M

NE/4 SECTION 33, T-28-N, R-6-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

1550' FNL 1850' FEL

