

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>NM-02151<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<br>San Juan 30-6 Unit  |  |
| 3. Address & Phone No. of Operator<br>PO Box 4289, Farmington, NM<br>(505) 326-9700                     | 8. Farm or Lease Name<br>San Juan 30-6 Unit<br>9. Well Number<br>91R  |  |
| 4. Location of Well<br>1055' FSL, 2560' FEL<br><br>Latitude 36° 46.8, Longitude 108° 34.6               | 10. Field, Pool, Wildcat<br>La Jara Pictured Cliffs<br>Blanco MV/Basin DK<br>11. Sec., Twn, Rge, Mer. (NMPM)<br>Sec. 28, T-30-N, R-7-W<br>API # 30-039- 26265 |  |
| 14. Distance in Miles from Nearest Town<br>17 miles from Blanco   | 12. County<br>Rio Arriba  | 13. State<br>NM  |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>1055'                          | 17. Acres Assigned to Well<br>PC - 160<br>MV/DK - 320 E/2   |  |
| 16. Acres in Lease  | 20. Rotary or Cable Tools<br>Rotary   |  |
| 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease<br>1000' | 22. Approx. Date Work will Start  |  |
| 19. Proposed Depth<br>7850'   | 23. Proposed Casing and Cementing Program<br>See Operations Plan attached   |  |
| 21. Elevations (DF, FT, GR, Etc.)<br>6312' GR   | 24. Authorized by: <u>[Signature]</u><br>Regulatory/Compliance Administrator  |  |
|   |   | DRILLING OPERATIONS AUTHORIZED ARE<br>SUBJECT TO COMPLIANCE WITH ATTACHED<br>"GENERAL REQUIREMENTS"<br><br>12-6-99<br>Date |

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

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

APPROVED BY /s/ Charlie Beecham

TITLE \_\_\_\_\_

DATE MAR 31 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.

NMOC

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

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

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

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |  |  |
|---|--|--|
| <sup>1</sup> API Number<br>30-039-26265 | <sup>2</sup> Pool Code<br>71599/72315/961                            | <sup>3</sup> Pool Name<br>199 Basin Dakota/Blanco MV/La Jara Pic.Clif: |
| <sup>4</sup> Property Code<br>7469      | <sup>5</sup> Property Name<br>SAN JUAN 30-6 UNIT                     | <sup>6</sup> Well Number<br>91R  |
| <sup>7</sup> GRID No.<br>14538          | <sup>8</sup> Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY | <sup>9</sup> Elevation<br>6312'  |

<sup>10</sup> Surface Location

|                    |               |                  |              |         |                       |                           |                       |                        |                      |
|--------------------|---------------|------------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------------|
| UL or lot no.<br>0 | Section<br>28 | Township<br>30-N | Range<br>7-W | Lot Idn | Feet from the<br>1055 | North/South line<br>SOUTH | Feet from the<br>2560 | East/West line<br>EAST | County<br>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>PC - 160<br>MV-DK - E/320 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code<br>160 acres for density purposes for the PC<br>320 acres for Revenue purposes for the PC | <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><p>16</p></div>   | <div><p>17 OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p><p><i>Peggy Cole</i><br/>Signature<br/>Peggy Cole<br/>Printed Name<br/>Regulatory Administrator<br/>Title<br/>Date 12-6-99</p></div>  |
| <div><p>18</p><p>NM-02151</p><p>LAT. 36' 46.8\"/&gt;</p></div> | <div><p>18 SURVEYOR CERTIFICATION</p><p>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.</p><p>107<br/>Date of Survey<br/>Signature of Professional Surveyor<br/>Seal of Professional Surveyor<br/>8894<br/>Certificate Number</p></div> |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505)

4. Location of Well, Footage, Sec., T, R, M

1055' FSL, 2560' FEL, Sec. 28, T-30-N, R-7-W, NMPM

5. Lease Number  
NM-02151

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. San Juan 30-6 Unit  
Well Name & Number  
San Juan 30-6 U #91R  
9. API Well No.  
30-039-26265  
10. Field and Pool  
La Jara Pict. Cliffs/  
Blanco MV/Basin DK  
11. County and State  
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☒ Altering Casing

☐ Other -

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to alter the approved casing depths and cement of the subject well:

Revisions:

Mud Program:

| Interval   | Type     | Weight  | Fluid Loss |
|------------|----------|---------|------------|
| 0-200'     | Spud     | 8.4-9.0 | No Control |
| 200-3390'  | LSND     | 8.4-9.0 | No Control |
| 3390-7850' | Air/Mist | n/a     | n/a        |

Casing Program:

| Hole Size       | Depth Interval | Casing Size | Weight    | Grade |
|-----------------|----------------|-------------|-----------|-------|
| 17-1/2"         | 0-200'         | 13-3/8"     | 48#       | H-40  |
| 10-5/8"         | 0-3390'        | 8-5/8"      | 32#       | J-55  |
| 7-7/8"          | 3290-7850'     | 5-1/2"      | 15.50#    | J-55  |
| Tubing Program: | 0-5771'        | 1-1/2"      | 2.75# IJ  |       |
|                 | 0-7850'        | 1-1/2"      | 2.90# EUE |       |

Cementing Program:

13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface).  
8-5/8" intermediate casing - Lead with 436 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele (1424 cu.ft. of slurry, 100% excess to circulate to surface).  
8-5/8" intermediate casing (alternative two stage cement job) - 1<sup>st</sup> Stage with 185 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2<sup>nd</sup> Stage with 380 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2634'. (1424 cu.ft. of slurry, 100% excess to circulate to surface).  
5-1/2" production liner - 858 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% fluid loss, 0.1% retardant (1107 cu.ft. of slurry, 40% excess to circulate to top of liner).  
Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly.

14. I hereby certify that the foregoing is true and correct.

Signed Charles Beecham (DWS) Title Regulatory Administrator Date 1/26/00  
no

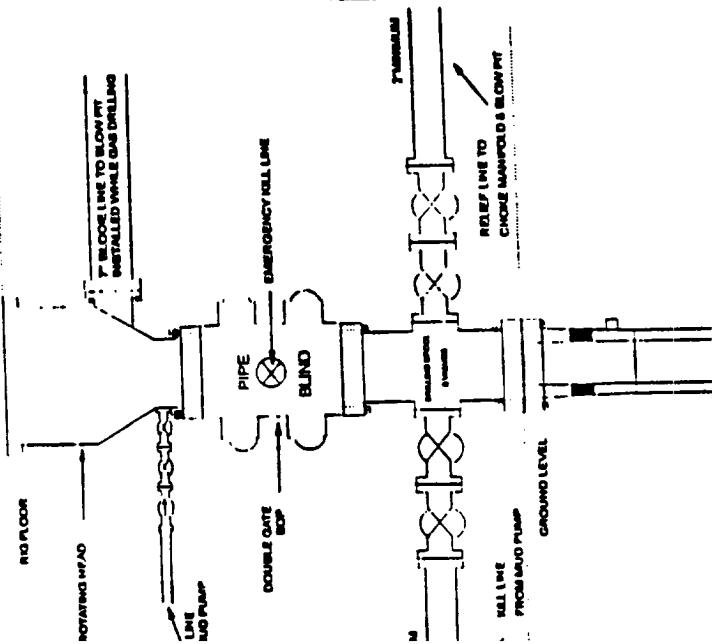
(This space for Federal or State Office use)

APPROVED BY /s/ Charlie Beecham Title

CONDITION OF APPROVAL, if any:

Date MAR 31 2000

# BOP Configuration 2M psi System

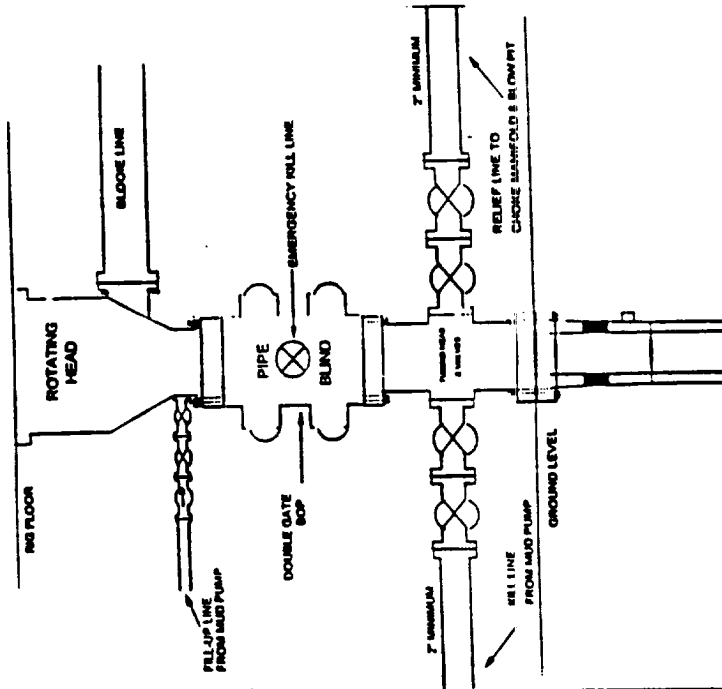


3000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaeffer Type 50 or equivalent rotating head to be installed on top of the BOP. All equipment is 2000psi working pressure/1000 psi burst.

FIGURE #1

# BURLINGTON RESOURCES

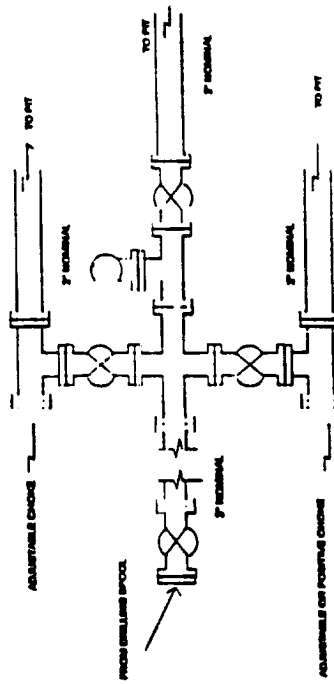
## BOP Configuration 2M psi System



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

13A JO  
ERY OIR

# BURLINGTON RESOURCES OIL AND GAS COMPANY

## SAN JUAN 30-6 UNIT No. 91R

SE/4 SEC. 28, T-30-N, R-7-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

1055' FSL 2560' FEL

