

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED  
BLM

OCT 25 PM 2:20

1a. Type of Work  
DRILL

5. Lease Number SF-078200B  
Unit Reporting Number

1b. Type of Well  
GAS

6. If Indian, All. or Tribe

2. Operator  
**BURLINGTON RESOURCES** Oil & Gas Company

7. Unit Agreement Name

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499  
(505) 326-9700

8. Farm or Lease Name  
Riddle B  
9. Well Number  
2C

4. Location of Well  
1400' FSL, 660' FEL,  
Latitude 36° 47.7, Longitude 107° 50.8

10. Field, Pool, Wildcat  
Blanco Mesaverde  
11. Sec., Twn, Rge, Mer. (NMPM)  
Sec. 23, T-30-N, R-10-W  
API # 30-045-30023

14. Distance in Miles from Nearest Town  
8 miles from Aztec

12. County San Juan 13. State NM

15. Distance from Proposed Location to Nearest Property or Lease Line  
660'

16. Acres in Lease

17. Acres Assigned to Well  
315.98 E/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease  
400'

19. Proposed Depth 5464' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6227' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

24. Authorized by: Deanna Cole  
Regulatory/Compliance Administrator

10-2-99  
Date

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

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

APPROVED BY: [Signature]

TITLE Team Lead, Petroleum Management

DATE MAR 6 2000

Acting

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.

chsc

NMOCD

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

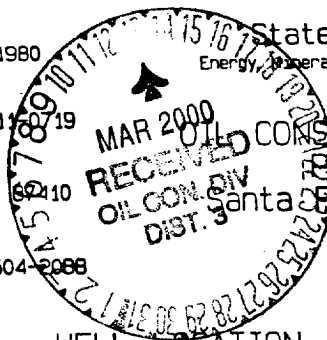
District II  
PO Drawer DD, Artesia, NM 88211-0719

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



99 OCT 25 PM 2:20

070 FARMINGTON, NM AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

|                             |                                                          |                     |                                |
|-----------------------------|----------------------------------------------------------|---------------------|--------------------------------|
| *API Number<br>30-045-30023 |                                                          | *Pool Code<br>72319 | *Pool Name<br>Blanco Mesaverde |
| *Property Code<br>7427      | *Property Name<br>RIDDLE B                               |                     | *Well Number<br>2C             |
| *GRID No.<br>14538          | *Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY |                     | *Elevation<br>6227'            |

#### 10 Surface Location

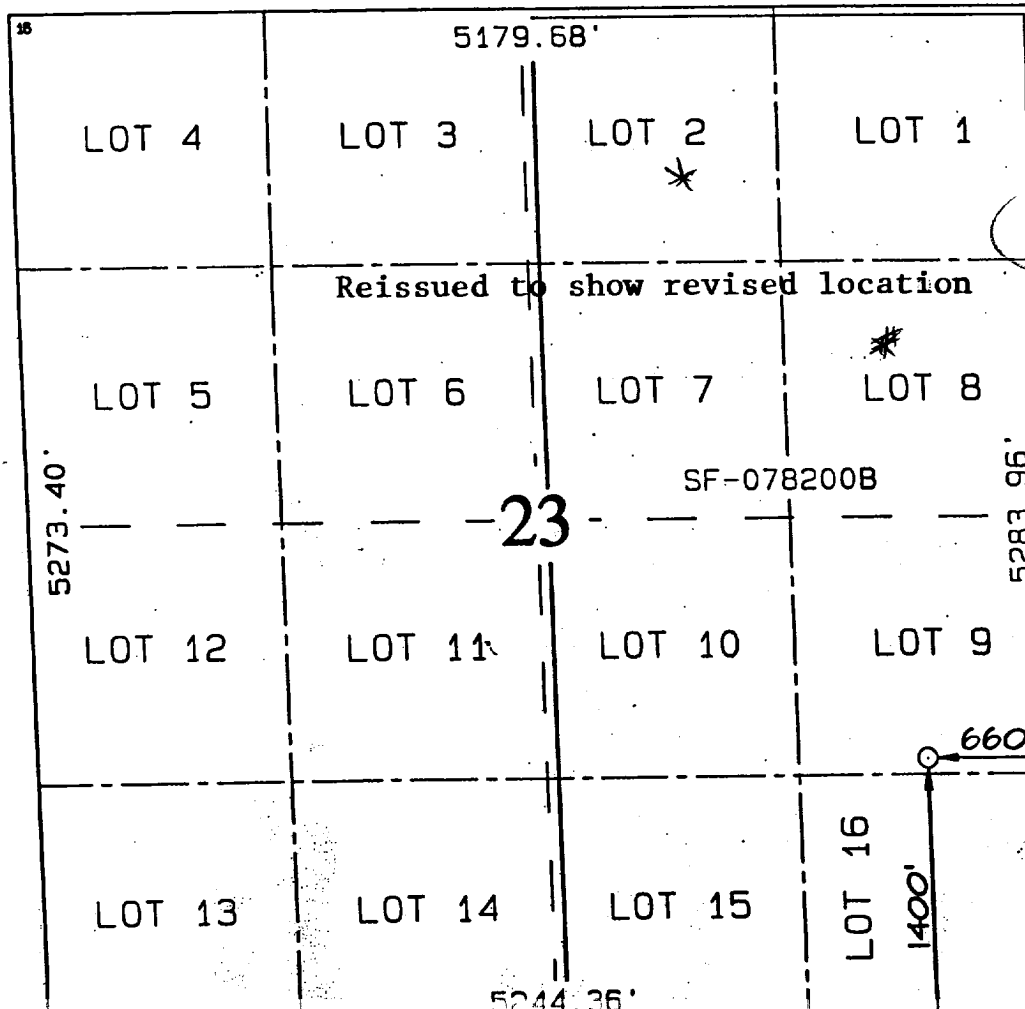
| UL or lot no. | Section | Township | Range | Lot 10n | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| I             | 23      | 30N      | 10W   |         | 1400          | SOUTH            | 660           | EAST           | SAN JUAN |

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

| UL or lot no. | Section | Township | Range | Lot 10n | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                                |                    |                       |              |
|--------------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>E/315.98 | 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



#### 17 OPERATOR CERTIFICATION

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

Signature  
Peggy Cole  
Printed Name  
Regulatory Administrator  
Title  
10-2-99  
Date

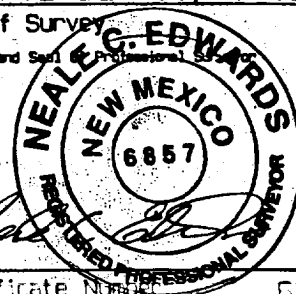
#### 18 SURVEYOR CERTIFICATION

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

SEPTEMBER 10, 1999

Date of Survey

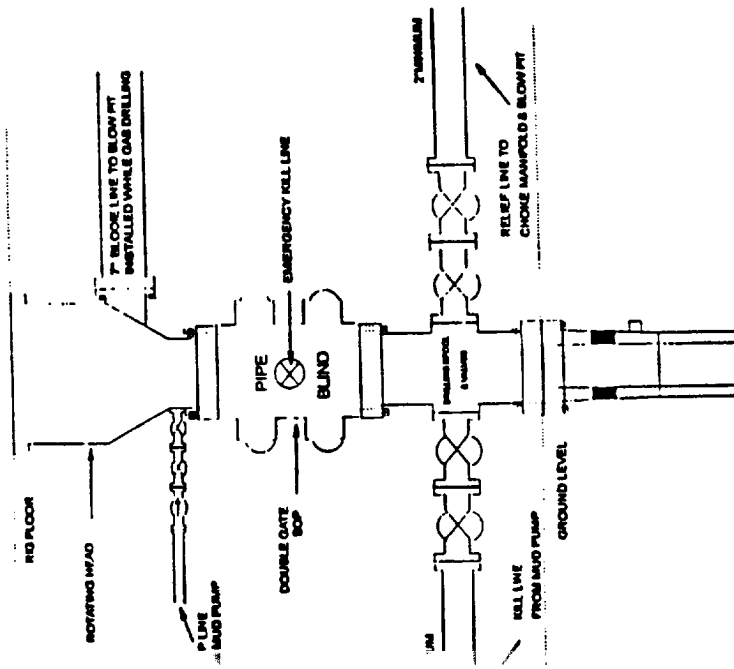
Signature and Seal of Professional Surveyor



Certificate Number

68

# BOP Configuration 2M psi System

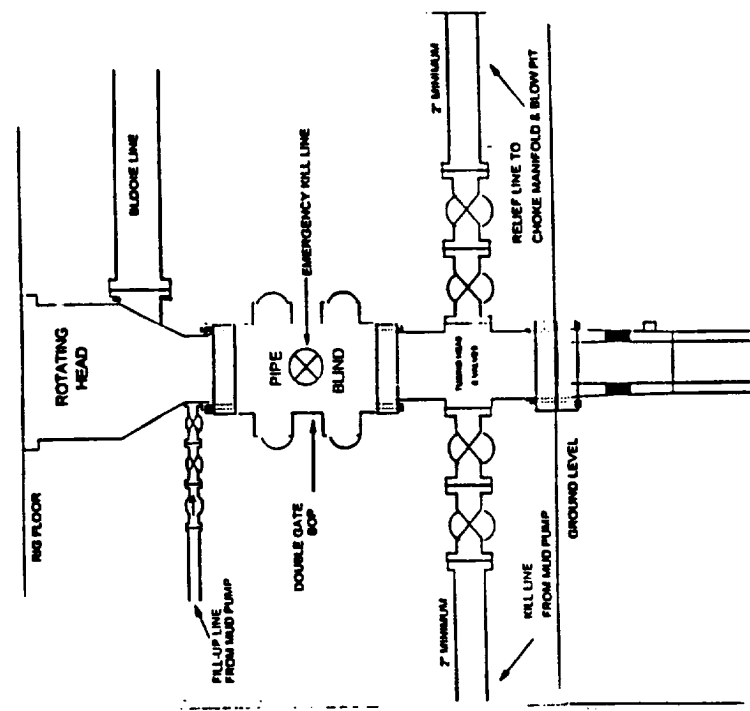


7\" Bore, 2000psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaffner Type 50 or equivalent rotating head to be installed on top of the BOP. All equipment is 2000psi working pressure/or better.

FIGURE #1

# BURLINGTON RESOURCES

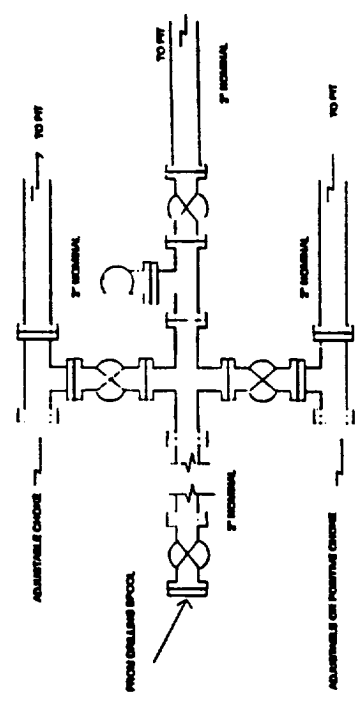
## BOP Configuration 2M psi System



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

BURLINGTON RESOURCES OIL & GAS COMPANY RIDDLE B #2C

1400' FSL & 660' FEL, SECTION 23, T30N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

1000' NEW BLM CONSTRUCTION  
200' SW/SE SECTION 23, T30N, R10W  
800' SE/SE SECTION 23, T30N, R10W.

