

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|--|---|
| 1a. Type of Work DRILL | 5. Lease Number NM-04207 |
| 1b. Type of Well GAS | Unit Reporting Number |
| 2. Operator BURLINGTON RESOURCES Oil & Gas Company | 6. If Indian, All. or Tribe |
| 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 | 7. Unit Agreement Name |
| 4. Location of Well 1105' FSL, 1830' FWL Latitude 36° 58.6 , Longitude 107° 29.1 | 8. Farm or Lease Name Allison Unit |
| | 9. Well Number 2R |
| | 10. Field, Pool, Wildcat Blanco MV/Basin DK |
| | 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 17, T-32-N, R-6-W API # 30-045-29815 |
| 14. Distance in Miles from Nearest Town 4 miles to Allison | 12. County San Juan |
| | 13. State NM |
| 15. Distance from Proposed Location to Nearest Property or Lease Line 1105' | |
| 16. Acres in Lease | 17. Acres Assigned to Well MV-320W DK-320W |
| 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 700' | |
| 19. Proposed Depth 8203' | 20. Rotary or Cable Tools Rotary |
| 21. Elevations (DF, FT, GR, Etc.) 6681' 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: <u>Regina Stahlfield</u> Regulatory/Compliance Administrator | 1-27-99 Date |

PERMIT NO. _____

APPROVAL DATE MAR 12 1999

APPROVED BY Chip Hernandez

TITLE Acting Team Lead

DATE 3/12/99

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.

OK @

NMOC

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

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

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

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

9743-1 PM 1:40 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | |
|------------------------------------|--|---------------------------|---|--|
| *API Number 30-045 <i>29815</i> | | *Pool Code 71599772319 | *Pool Name Basin Dakota/Blanco Mesaverde | |
| *Property Code 6784 | *Property Name ALLISON UNIT | | *Well Number 2R | |
| *OGRID No. 14538 | *Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY | | *Elevation 6681' | |

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 | 17 | 32N | 6W | | 1105 | SOUTH | 1830 | WEST | SAN JUAN |

¹¹Bottom 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 |
| ¹² Dedicated Acres DK: W/320 MV: W/320 | | 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

16

2622.18'

2698.74'

2675.96'

FEE

NMNM-04207

17

2632.74'

1830'

1105'

5360.52'

5448.30'

RECEIVED
MAR 15 1999
REGISTRY

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

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

1-27-99
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.

JULY 14, 1998
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

6857
Certificate Number

OPERATIONS PLAN

Well Name: Allison Unit #2R
Location: 1105' FSL, 1830' FWL, Sec 17, T-32-N, R-6-W
San Juan County, NM
Latitude 36° 58.6, Longitude 107° 29.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6681'GL

| <u>Formation Tops:</u> | <u>Top</u> | <u>Bottom</u> | <u>Contents</u> |
|-------------------------|--------------|---------------|-----------------|
| Surface | San Jose | 2459' | |
| Ojo Alamo | 2459' | 2588' | aquifer |
| Kirtland | 2588' | 3009' | |
| Fruitland | 3009' | 3309' | |
| Pictured Cliffs | 3309' | 3645' | |
| Lewis | 3645' | 4381' | |
| Intermediate TD | 3745' | | |
| Mesaverde | 4381' | 4827' | |
| Chacra | 4827' | 5612' | |
| Massive Cliff House | 5612' | 5616' | |
| Menefee | 5616' | 5830' | |
| Massive Point Lookout | 5830' | 6320' | |
| Mancos Shale | 6320' | 7192' | |
| Gallup | 7192' | 7903' | |
| Greenhorn | 7903' | 7953' | |
| Graneros | 7953' | 8053' | |
| Dakota | 8053' | | |
| TD (4 1/2"liner) | 8203' | | |

Logging Program:

Cased hole - GR/Neutron - surface to TD

Mud Program:

| <u>Interval</u> | <u>Type</u> | <u>Weight</u> | <u>Vis.</u> | <u>Fluid Loss</u> |
|-----------------|-------------|---------------|-------------|-------------------|
| 0- 200' | Spud | 8.4-9.0 | 40-50 | no control |
| 200-3745' | LSND | 8.4-9.0 | 30-60 | no control |
| 3745-8203' | Gas | n/a | n/a | n/a |

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

| <u>Hole Size</u> | <u>Depth Interval</u> | <u>Csq.Size</u> | <u>Wt.</u> | <u>Grade</u> |
|------------------|-----------------------|-----------------|------------|--------------|
| 12 1/4" | 0' - 200' | 9 5/8" | 32.3# | WC-50 |
| 8 3/4" | 0' - 3745' | 7" | 20.0# | J-55 |
| 6 1/4" | 3645' - 8203' | 4 1/2" | 10.5# | J-55 |

Tubing Program:

0' - 8203' 2 3/8" 4.70# EUE

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
E/SE/SW SECTION 17, T32N, R6W

