

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 SF-078146 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Lease Name Lore 9. Well Number 1B
4. Location of Well 1525' FNL, 2380' FEL Latitude 36° 56.7, Longitude 108° 03.8	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) G Sec. 35, T-32-N, R-12-W API # 30-045-29921
14. Distance in Miles from Nearest Town 7 miles to Aztec	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1525'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well E 320.00
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 5673'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6466' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	<b>DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"</b>
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	<u>4-5-99</u> Date

**RECEIVED**  
MAY 27 1999  
OIL CON. DIV.  
DIST. 3

18587

PERMIT NO. \_\_\_\_\_ APPROVAL DATE MAY 25 1999  
APPROVED BY /s/ Duane W. Spencer TITLE Team Lead, Petroleum Management DATE \_\_\_\_\_

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.

HOLD C104 FOR NSG (E)

NIMOC

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-10  
Revised February 21, 1999  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045- 29921		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 18587		5 Property Name MOORE			6 Well Number 1B
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6466'

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
G	35	32N	12W		1525	NORTH	2380	EAST	SAN JUAN

11 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

12 Dedicated Acres MV-E/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

<p>16</p>	<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 Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 4-5-99 Date</p>
	<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>MARCH 8, 1999 Date of Survey <i>NEALE C. EDWARDS</i> Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 6857 Certificate Number 6857</p>

OPERATIONS PLAN

**Well Name:** Moore #1B  
**Location:** 1525' FNL, 2380' FEL, Sec 35, T-32-N, R-12-W  
 San Juan County, NM  
 Latitude 36° 56.7, Longitude 108° 03.8  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6466'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1359'	
Ojo Alamo	1359'	1370'	
Kirtland	1370'	2275'	
Fruitland	2275'	2977'	
Pictured Cliffs	2977'	3127'	
Lewis	3127'	3659'	
Mesaverde	3659'	4111'	
Chacra	4111'	4625'	
Massive Cliff House	4625'	4815'	
Menefee	4815'	5273'	
Massive Point Lookout	5273'		
TD		5673'	

Logging Program:

Cased hole - GR/CBL - surface to TD

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-9.0	40-50	no control
320-5673'	LSND	8.4-9.0	30-60	no control

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' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 5673'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5673'      2 3/8"      4.70# EUE

BOP Specifications, Wellhead and Tests:Surface to 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 800 psi for 30 minutes.

BOP Specifications, Wellhead and Tests:Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

# BURLINGTON RESOURCES OIL & GAS COMPANY MOORE #1B

1525' FNL & 2380' FEL, SECTION 35, T32N, R12W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

800' NEW BLM CONSTRUCTION  
SWNE SECTION 35, T32N, R12W.

