

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-078207
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 1700' FNL, 1980' FEL Latitude 36° 48.0 , Longitude 107° 52.1	8. Farm or Lease Name King
	9. Well Number 1B
	10. Field, Pool, Wildcat Blanco Mesaverde
	11. Sec., Twn, Rge, Mer. (NMPM) G Sec. 22, T-30-N, R-10-W API # 30-045-29861
14. Distance in Miles from Nearest Town 5 miles to Aztec	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1700'	
16. Acres in Lease	17. Acres Assigned to Well E/323.22
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1300'	
19. Proposed Depth 5546'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6272' 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>[Signature]</u> Regulatory/Compliance Administrator	3-1-99 Date

PERMIT NO. _____

APPROVAL DATE

MAR 11 1999

APPROVED BY

Chip Haraden

TITLE

Acting Team Lead

DATE

3/1/99

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.

NMOC

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10
Revised February 21, 199

District II
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

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

RECEIVED
BLM

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

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

☐ AMENDED REPORT

99 MAR -4 PM 2: 14

WELL LOCATION AND ACREAGE DEDICATION, NM

*API Number 30-045- 29861		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7224	*Property Name KING		*Well Number 1B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6272'

¹⁰ Surface Location

UL or lot no. G	Section 22	Township 30N	Range 10W	Lot Idn	Feet from the 1700	North/South line NORTH	Feet from the 1980	East/West line EAST	County SAN JUAN
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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
*Dedicated Acres E/323.22		*Joint or Infill		*Consolidation Code		*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				¹⁷ OPERATOR CERTIFICATION			
<p>5385.60'</p> <p>1700'</p> <p>1980'</p> <p>2737.68'</p> <p>2628.78'</p> <p>5273.40'</p> <p>5248.32'</p>				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.			
				Signature Peggy Bradfield Printed Name Regulatory Administrator Title Date 3-1-99			
<p>22</p> <p>Reissued to show revised location</p>				¹⁸ SURVEYOR CERTIFICATION			
				I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by or under my supervision and that the same is true and correct to the best of my belief.			
JANUARY 8, 1999				Date of Survey			
Signature and Seal of Professional Surveyor				NEALE C. EDWARDS NEW MEXICO 6857			
Certificate Number				6857			

OPERATIONS PLAN

Well Name: King #1B
Location: 1700' FNL, 1980' FEL, Sec. 22, T-30-N, R-10-W
San Juan County, NM
Latitude 36° 48.0, Longitude 107° 52.1
Formation: Blanco Mesa Verde
Elevation: 6272'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1574'	
Ojo Alamo	1574'	1699'	
Kirtland	1699'	2364'	
Fruitland	2364'	2894'	
Pictured Cliffs	2894'	3047'	
Lewis	3047'	3618'	
Intermediate TD	3147'		
Mesaverde	3618'	3876'	
Chacra	3876'	4512'	
Massive Cliff House	4512'	4669'	
Menefee	4669'	5146'	
Massive Point Lookout	5146'		
TD	5546'		

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- 200'	Spud	8.4-9.0	40-50	no control
200-3147'	LSND	8.4-9.0	30-60	no control
3147-5546'	Air	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#	H-40
8 3/4"	0' - 3147'	7"	23.0#	J-55
6 1/4"	3047' - 5546'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5546' 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.

BURLINGTON RESOURCES OIL & GAS COMPANY KING #1B

1700' FNL & 1980' FEL, SECTION 22, T30N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

850' NEW BLM CONSTRUCTION
300' SE/NE SECTION 22, T30N, R10W
550' SW/NE SECTION 22, T30N, R10W.

