

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-03202 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 San Juan 9. Well Number 10B
4. Location of Well 1765' FSL, 1815' FWL Latitude 36° 49.5 , Longitude 107° 52.6	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 10, T-30-N, R-10-W API # 30-045-
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 1765'	
16. Acres in Lease	17. Acres Assigned to Well 310.26
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1100'	
19. Proposed Depth 5835'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6523' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>[Signature]</i> Regulatory/Compliance Administrator	Date 3-1-99

PERMIT NO. _____ APPROVAL DATE APR 1 - 1999
APPROVED BY /s/ Duane W. Spence 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.

NMOCD

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

District II
PO Drawer 00, 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

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

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

99102-4 PM 2:14 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29862	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 7451	⁵ Property Name SAN JUAN	⁶ Well Number 10B
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6523'

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
K	10	30N	10W		1765	SOUTH	1815	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres W/310.26	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

¹⁶	5435.76'	¹⁷ OPERATOR CERTIFICATION
4	3	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
2	1	Signature Peggy Bradfield
5	6	Printed Name Regulatory Administrator
7	8	Title 3-1-99
12	11	Date 3-1-99
10	9	¹⁸ SURVEYOR CERTIFICATION
13	14	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.
15	16	DECEMBER 8, 1998
5045.04'	5163.84'	Date of Survey
1815'	1765'	Signature and Seal of Professional Surveyor
5231.16'		NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR

OPERATIONS PLAN

Well Name: San Juan #103
Location: 1765' FSL, 1315' FWL, Sec. 10, T-30-N, R-10-W
San Juan County, NM
Latitude 36° 49.5, Longitude 107° 52.6
Formation: Blanco Mesa Verde
Elevation: 6523'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1795'	
Ojo Alamo	1795'	1957'	
Kirtland	1957'	2657'	
Fruitland	2657'	3165'	
Pictured Cliffs	3165'	3303'	
Lewis	3303'	3878'	
Intermediate TD	3403'		
Mesaverde	3878'	4195'	
Chacra	4195'	4759'	
Massive Cliff House	4759'	4960'	
Menefee	4960'	5435'	
Massive Point Lookout	5435'		
TD	5835'		

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
200-3403'	LSND	8.4-9.0	30-60	no control
3403-5835'	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>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3403'	7"	23.0#	J-55
6 1/4"	3303' - 5835'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5835' 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.

1765' FSL & 1815' FWL, SECTION 10, T30N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

200' NEW BLM CONSTRUCTION
NE/SW SECTION 10, T30N, R10W.

