

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

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

4. Location of Well
790' FNL, 1850' FEL
Latitude 36° 51.6, Longitude 107° 55.3

5. Lease Number
NM-0607
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name

8. Farm or Lease Name
Atlantic C

9. Well Number
3B

10. Field, Pool, Wildcat
Blanco MV/Basin DK

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 31, T-31-N, R-10-W

API# 30-045-

30044

12. County
San Juan

13. State
NM

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

15. Distance from Proposed Location to Nearest Property or Lease Line
790'

16. Acres in Lease
790'
This action is subject to technical and procedural review pursuant to 43 CFR 3160.3 and appeal pursuant to 43 CFR 3165.4.

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
900'

19. Proposed Depth
7300'

21. Elevations (DF, FT, GR, Etc.)
6041' GR

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: [Signature] Regulatory/Compliance Administrator

17. Acres Assigned to Well
MV: 320 E/2 319.96
DK: 319.96 E/2

20. Rotary or Cable Tools
Rotary

22. Approx. Date Work will Start
10-75-

DRILLING OPERATIONS AUTHORIZED
SUBJECT TO COMPLIANCE WITH
"GENERAL REQUIREMENTS"

PERMIT NO.

APPROVED BY /s/ Jim Lovato

TITLE

APPROVAL DATE

Date

NOV 18 1985

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 States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

NMOCD

2.

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

OIL CONSERVATION DIVISION

NOV 23 1999
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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-		*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 6804	*Property Name ATLANTIC C		*Well Number 3B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6041'

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
B	31	31N	10W		790	NORTH	1850	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
DK: E/319.96
MV: E/320 3/4 9.96

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 1292.28'	1350.36'	2659.14'		¹⁷ OPERATOR CERTIFICATION
LOT 8	LOT 7	1850'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
		LOT 6	LOT 5	<i>Peggy Cole</i>
2614.92'				Signature
LOT 9	LOT 10	LOT 11	LOT 12	Peggy Cole
				Printed Name
				Regulatory Administrator
				Title
				10-25-99
				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 17, 1999
				Date of Survey
				Signature and Seal of Professional Surveyor
				NEALE C. EDWARDS
				NEW MEXICO
				6857
				6857

OPERATIONS PLAN

Well Name: Atlantic C #3B
Location: 790' FNL, 1850' FEL, Sec 31, T-31-N, R-10-W
San Juan County, NM
Latitude 36° 51.6, Longitude 107° 55.3
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6041' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1268'	
Ojo Alamo	1268'	1375'	aquifer
Kirtland	1375'	2174'	gas
Fruitland	2174'	2697'	gas
Pictured Cliffs	2697'	2837'	gas
Lewis	2837'	3420'	gas
Intermediate TD	2937'		
Mesa Verde	3420'	3755'	gas
Chacra	3755'	4334'	gas
Massive Cliff House	4334'	4534'	gas
Menefee	4534'	4934'	gas
Massive Point Lookout	4934'	5292'	gas
Mancos	5292'	6223'	gas
Gallup	6223'	6953'	gas
Greenhorn	6953'	7003'	gas
Graneros	7003'	7056'	gas
Dakota	7056'		gas
TD	7300'		

Logging Program:

Open hole - IEL-GR, CNL, CDL, ML - TD to intermediate TD
Cased hole - CBL-CCL-GR - TD to surface
Mud logs - from TD to 6500'
Cores - none

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- 2937'	LSND	8.4-9.0	30-60	no control
2937- 7300'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 2937'	7"	20.0#	J-55
6 1/4"	3287' - 7300'	5 1/2"	10.5#	K-55

Tubing Program:

0' - 5292'	1 1/2"	2.76"	J-55
0' - 7300'	1 1/2"	2.90#	J-55

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.

BURLINGTON RESOURCES OIL & GAS COMPANY ATLANTIC C #3B
790' FNL & 1850' FEL, SECTION 31, T31N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

