

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-103688

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  
Atlantic Com D 6805

9. Well Number  
11R

4. Location of Well  
1750' FNL, 1190' FEL  
Latitude 36° 53.2 , Longitude 107° 50.8

10. Field, Pool, Wildcat  
Blanco Pictured Cliffs

11. Sec., Twn, Rge, Mer. (NMPM)  
Sec. 23, T-31-N, R-10-W  
API # 30-045-29820

14. Distance in Miles from Nearest Town  
7 miles to Aztec

12. County  
San Juan

13. State  
NM

15. Distance from Proposed Location to Nearest Property or Lease Line  
1190'

16. Acres in Lease

17. Acres Assigned to Well  
156.92

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease  
500'

19. Proposed Depth  
3365'

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6403' 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: Deputy State Field  
Regulatory/Compliance Administrator

1-28-99  
Date

PERMIT NO.

APPROVAL DATE

FEB 26 1999

APPROVED BY /S/ Duane W. Spencer

Team Lead, Petroleum Management  
TITLE

DATE FEB 26 1999

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

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

Form C-10  
Revised February 21, 1999

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

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

RECEIVED  
90 FEB -3 PM 2:02 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29820		*Pool Code 72359	*Pool Name Blanco Pictured Cliffs
*Property Code 6805	*Property Name ATLANTIC COM D		*Well Number 11R
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6403'

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
H	23	31N	10W		1750	NORTH	1190	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 NE/156.92	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		2644.62'		2639.34'		NM E-2724-2		17 OPERATOR CERTIFICATION	
1		B-10405-54		1750'				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
2		NMNM-103688		1190'		4		Signature Peggy Bradfield	
3		23		5083.32'				Printed Name Regulatory Administrator	
4								Title 1-28-99	
5								Date	
6								18 SURVEYOR CERTIFICATION	
7								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.	
8								SEPTEMBER 15, 1998	
9								Date of Survey	
		5252.28'						Signature and Seal of Professional Surveyor	
								NEALE C. EDWARDS NEW MEXICO 6857	
								Certificate Number	

January 27, 1999

OPERATIONS PLAN

**Well Name:** Atlantic Com D #11R  
**Location:** 1750' FNL, 1190' FEL, Section 23, T-31-N, R-10-W  
 San Juan County, New Mexico  
 Latitude 36° 53.2, Longitude 107° 50.8  
**Formation:** Blanco Pictured Cliffs  
**Elevation:** 6403'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1630'	aquifer
Ojo Alamo	1630'	1723'	
Kirtland	1723'	2730'	
Fruitland	2730'	3165'	gas
Pictured Cliffs	3165'		gas
<b>Total Depth</b>	<b>3365'</b>		

**Logging Program:** Cased hole - GR/CCL

**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
200-3365'	Non-dispersed	8.4-9.5	30-60	no control

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	<u>Wt.</u>	<u>Grade</u>
8 3/4"	0 - 200'	7"	20.0#	J-55
6 1/4"	0 - 3365'	2 7/8"	6.5#	J-55

**Tubing Program:**

None

**Float Equipment:** 7" surface casing - saw tooth guide shoe.  
 Centralizers will be run in accordance with Onshore Order #2.

2 7/8" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 1723'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1723'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

**Wellhead Equipment:** 7" x 2 7/8" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY ATLANTIC COM D #11R

1750' FNL & 1190' FEL, SECTION 23, T31N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

150' NEW BLM CONSTRUCTION  
SE/NE SECTION 23, T31N, R10W.

