

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-0606
	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 87401 (505) 326-9700	8. Farm or Lease Name Atlantic A 6800
	9. Well Number 12R
4. Location of Well 850' FSL, 1785' FEL Latitude 36° 51.9, Longitude 107° 54.1	10. Field, Pool, Wildcat Blanco Pictured Cliffs
	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T-31-N, R-10-W API # 30-045-29821
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 850'	
16. Acres in Lease	17. Acres Assigned to Well 167.32
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 2966'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6080' 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: <i>[Signature]</i> Regulatory/Compliance Administrator	1-28-99 Date

PERMIT NO. \_\_\_\_\_

APPROVAL DATE

FEB 19 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.

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

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

RECEIVED  
FEB -3 PM 2:02 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-045- 29821</b>		*Pool Code <b>72359</b>	*Pool Name <b>Blanco Pictured Cliffs</b>
*Property Code <b>6800</b>	*Property Name <b>ATLANTIC A</b>		*Well Number <b>12R</b>
*GRID No. <b>14538</b>	*Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY</b>		*Elevation <b>6080'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	29	31N	10W		850	SOUTH	1785	EAST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>SE/167.32</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>		5431.80'		<sup>17</sup> OPERATOR CERTIFICATION	
4		3		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature <i>Peggy Bradfield</i> <b>Peggy Bradfield</b>	
				Printed Name <b>Regulatory Administrator</b>	
				Title <b>1-28-99</b>	
				Date	
5269.44'		29		<sup>18</sup> SURVEYOR CERTIFICATION	
5		6		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.	
12		11		Date of Survey <b>AUGUST 26, 1998</b>	
				Signature and Seal of Professional Surveyor <i>Neale C. Edwards</i> <b>NEALE C. EDWARDS</b> <b>NEW MEXICO</b> <b>6857</b>	
13		14		Certificate Number	
				1785'	
				850'	
				5467.44'	
				2630.76'	
				2678.94'	
				NMNM-0606	
				9	
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OPERATIONS PLAN

**Well Name:** Atlantic A #12R  
**Location:** 850' FSL, 1785' FEL, Section 29, T-31-N, R-10-W  
 San Juan County, New Mexico  
 Latitude 36° 51.9, Longitude 107° 54.1  
**Formation:** Blanco Pictured Cliffs  
**Elevation:** 6080'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1390'	aquifer
Ojo Alamo	1390'	1464'	
Kirtland	1464'	2441'	
Fruitland	2441'	2766'	gas
Pictured Cliffs	2766'		gas
<b>Total Depth</b>	<b>2966'</b>		

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

**Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120-2966'	Non-dispersed	8.4-9.5	30-60	no control

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

Hole Size	Depth Interval	Csq.Size	Wt.	Grade
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 2966'	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 @ 1464'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1464'. 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 A #12R

850' FSL & 1785' FEL, SECTION 29, T31N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

