

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. Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name JUL - 8 1999 OIL CON. DIV. 6800
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Atlantic A 9. Well Number 7B
4. Location of Well 2045' FSL, 520' FWL Latitude 36° 52.1, Longitude 107° 54.7 R-10987A	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) 2 Sec. 29, T-31-N, R-10-W API # 30-045-29846
14. Distance in Miles from Nearest Town 4 miles to Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 520'	17. Acres Assigned to Well 3/333.10
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 5315'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5993' 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>Regan Bradfield</u> Regulatory/Compliance Administrator	Date 2-15-99

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

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.

N 3L-4297 (8)

NMOCB

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-10
Revised February 21, 1998
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045- 29846		2 Pool Code 72319		3 Pool Name Blanco Mesaverde			
4 Property Code 6800		5 Property Name ATLANTIC A				6 Well Number 78	
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY				9 Elevation 5993'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
L	29	31N	10W		2045	SOUTH	520	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres S/333.10	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		5431.80'		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.	
5		6		Signature <i>Peggy Bradfield</i>	
5269.44'		29		Printed Name Peggy Bradfield	
520'		NMNM-0606		Title Regulatory Administrator	
2045'		5467.44'		Date 2-15-99	
12		11		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.	
10		9		JANUARY 21, 1999	
15		16		Date of Survey	
2630.76'		2678.94'		Signature and Seal of Professional Surveyor	
NEALE C. EDWARDS		6857		Certificate Number 6857	

OPERATIONS PLAN

Well Name: Atlantic A #7B
Location: 2045' FSL, 520' FWL, Sec. 29, T-31-N, R-10-W
San Juan County, NM
Latitude 36° 52.1, Longitude 107° 54.7
Formation: Blanco Mesa Verde
Elevation: 5993'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1259'	
Ojo Alamo	1259'	1349'	
Kirtland	1349'	2144'	
Fruitland	2144'	2671'	
Pictured Cliffs	2671'	2814'	
Lewis	2814'	3391'	
Intermediate TD	2914'		
Mesaverde	3391'	3735'	
Chacra	3735'	4391'	
Massive Cliff House	4391'	4488'	
Menefee	4488'	4915'	
Massive Point Lookout	4915'		
TD	5315'		

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
200-2914'	LSND	8.4-9.0	30-60	no control
2914-5315'	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#	H-40
8 3/4"	0' - 2914'	7"	20.0#	J-55
6 1/4"	2814' - 5315'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5315' 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.

BOP Specifications, Wellhead and Tests:

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.

2045' FSL & 520' FWL, SECTION 29, T31N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

