

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 SF-079594 Unit Reporting Number 891001650A	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name San Juan 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 29-7 Unit 9. Well Number 76B	
4. Location of Well 755' FSL, 1900' FWL Latitude 36° 43.3, Longitude 107° 36.7	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 18, T-29-N, R-7-W API # 30-039-26147	
14. Distance in Miles from Nearest Town 3 miles from Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 755'	17. Acres Assigned to Well 231.03 W/2	
16. Acres in Lease	17. Acres Assigned to Well 231.03 W/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 800'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 6211'	22. Approx. Date Work will Start	
21. Elevations (DF, FT, GR, Etc.) 6910' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date 1-18-99	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE APR 14 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.

HOLD C104 FOR NSB (2)

NMOCL

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

Form C  
Revised February 21, 1998  
Instructions on  
Submit to Appropriate District Of  
State Lease - 4 Co.  
Fee Lease - 3 Co.

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

99 MAR 18 PM 1:15

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 26147		*Pool Code 7465	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 768
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6910'

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
N	18	29N	7W		755	SOUTH	1900	WEST	RIO ARRIE

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 W/231.03		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

4536.84'		17 OPERATOR CERTIFICATION I hereby certify that the information contained here is true and complete to the best of my knowledge and belief.	
5	NMSF-078945	<b>RECEIVED</b> APR 19 1999 OIL CON. DIV. DIST. 3	Signature <i>Peggy Bradfield</i>
6			Printed Name Peggy Bradfield
7	NMSF-079514		Title Regulatory Administrator 1-18-99
5273.40'		Date	
18		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision, and that the same is true and correct to the best of my belief.	
5280.00'		OCTOBER 30, 1998 Date of Survey	
1900'		Signature and Seal of Professional Surveyor <i>Neale C. Edwards</i>	
8	1320.00'	NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR	
607.20'	755'	Certificate Number 6857	
2640.00'			

## OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #76B  
**Surface Location:** 755' FSL, 1900' FWL, Section 18, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 43.3, Longitude 107° 36.7

**Formation:** Blanco Mesa Verde  
**Elevation:** 6910' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2672'	aquifer
Ojo Alamo	2672'	2789'	aquifer
Kirtland	2789'	3148'	gas
Fruitland	3148'	3630'	gas
Pictured Cliffs	3630'	3797'	gas
Lewis	3797'	4341'	gas
<b>Intermediate TD</b>	<b>3897'</b>		
Mesa Verde	4341'	4598'	gas
Chacra	4598'	5270'	gas
Massive Cliff House	5270'	5426'	gas
Menefee	5426'	5811'	gas
Point Lookout	5811'		gas
<b>Total Depth</b>	<b>6211'</b>		

### Logging Program:

Cased hole logging - Gamma Ray, Cement bond from surface to TD  
Mud Logs/Coring/DST - none

### Mud Program:

<u>Interval- MD</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-9.0	40-50	no control
320- 2850'	LSND	8.4-9.0	30-60	no control
2850- 6211'	Air/Mist	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>Measured Depth</u>	<u>Csg Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 320'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2850'	7"	20.0#	J-55
6 1/4"	2750' - 6211'	4 1/2"	10.5#	J-55

**Tubing Program:** 0' - 6211' 2 3/8" 4.7# 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.

755' FSL & 1900' FWL, SECTION 18, T29N, R7W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

150' NEW BLM CONSTRUCTION  
SE/SW SECTION 18, T29N, R7W.

