

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-078425

Unit Reporting Number  
891001650A

6. If Indian, All. or Tribe

1b. Type of Well  
GAS

7. Unit Agreement Name  
San Juan 29-7 Unit

2. Operator  
**BURLINGTON RESOURCES** Oil & Gas Company APR 15 1999

8. Farm or Lease Name  
San Juan 29-7 Unit

9. Well Number  
61B

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87401  
(505) 326-9700

10. Field, Pool, Wildcat  
Blanco Mesaverde

11. Sec., Twn, Rge, Mer. (NMPM)  
E Sec. 34, T-29-N, R-7-W  
API # 30-039-26135

4. Location of Well  
1385' FNL, 890' FWL,  
Latitude 36° 41.1, Longitude 107° 33.8

12. County  
Rio Arriba

13. State  
NM

14. Distance in Miles from Nearest Town  
4 miles from Navajo City

15. Distance from Proposed Location to Nearest Property or Lease Line  
890'

16. Acres in Lease

17. Acres Assigned to Well  
320 W/2

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

19. Proposed Depth  
6088'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6761' GR

22. Approx. Date Work will Start  
12-7-98

23. Proposed Casing and Cementing Program  
See Operations Plan attached

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

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

PERMIT NO. \_\_\_\_\_ APPROVAL DATE APR 15 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-1  
Revised February 21, 1993  
Instructions on back

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

99 MAR 10 PM 12:59 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT  
070 FARMINGTON, NM

*API Number 30-039-26135	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT	*Well Number 61B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6761'

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
E	34	29N	7W		1385	NORTH	890	WEST	RIO ARriba

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/320	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	5285.28'	17 OPERATOR CERTIFICATION
1385'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
890'		<i>Peggy Bradford</i> Signature Peggy Bradford
		Printed Name Regulatory Administrator
		Title 12-7-98
		Date
5280.00'	NMSF-078425	18 SURVEYOR CERTIFICATION
34		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 23, 1998
		Date of Survey
		Signature and Seal of Registered Surveyor
		<i>NEALE C. EDWARDS</i> NEW MEXICO 68570
		68570 Certificate Number
	5280.00'	

## OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #61B  
Surface Location: 1385' FNL, 890' FWL Section 34, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 41.1, Longitude 107° 33.8

Formation: Blanco Mesa Verde  
Elevation: 6761' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2581'	aquifer
Ojo Alamo	2581'	2734'	aquifer
Kirtland	2734'	3076'	gas
Fruitland	3076'	3519'	gas
Pictured Cliffs	3519'	3659'	gas
Lewis	3659'	4126'	gas
<b>Intermediate TD</b>	<b>3759'</b>		
Mesa Verde	4126'	4467'	gas
Chacra	4467'	5146'	gas
Massive Cliff House	5146'	5346'	gas
Menefee	5346'	5688'	gas
Point Lookout	5688'		gas
<b>Total Depth</b>	<b>6088'</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- 200'	Spud	8.4-9.0	40-50	no control
200- 3759'	LSND	8.4-9.0	30-60	no control
3759- 6088'	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' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3759'	7"	20.0#	J-55
6 1/4"	3659' - 6038'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 6088' 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.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 29-7 UNIT #61B

1385' FNL & 890' FWL, SECTION 34, T29N, R7W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

900' NEW BLM CONSTRUCTION  
300' SW/SE SECTION 26, T31N, R9W  
600' SE/SE SECTION 26, T31N, R9W.

