

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL

RECEIVED  
MAY 18 1998

5. Lease Number  
SF-078423  
Unit Reporting Number  
8910016500

6. If Indian, All. or Tribe

1b. Type of Well  
GAS

OIL CON. DIV.  
DIST. 3

2. Operator  
**BURLINGTON**  
**RESOURCES** Oil & Gas Company  
14538

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  
7465 San Juan 29-7 Unit  
9. Well Number  
57C

4. Location of Well  
1545' FNL, 2620' FWL  
Latitude 36° 44.6, Longitude 107° 32.4

10. Field, Pool, Wildcat  
72319 Blanco Mesa Verde  
11. Sec., Twn, Rge, Mer. (NMPM)  
F Sec 11, T-29-N, R-7-W  
API # 30-039-25857

14. Distance in Miles from Nearest Town  
3 miles to Navajo City

12. County  
Rio Arriba

13. State  
NM

15. Distance from Proposed Location to Nearest Property or Lease Line  
1545'

16. Acres in Lease

17. Acres Assigned to Well  
320 W/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease  
600'

19. Proposed Depth  
5776'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6328' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: *Duane W. Spencer*  
Regulatory/Compliance Administrator

3-30-98  
Date

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

APPROVAL DATE MAY 15 1998

APPROVED BY /s/ Duane W. Spencer

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.

R-10720 Q

NMOCD

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-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

50 APR -2 PM 1:36

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25857		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 57C
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6328'

10 Surface Location

UL or lot no. F	Section 11	Township 29N	Range 7W	Lot Idn	Feet from the 1545	North/South line NORTH	Feet from the 2620	East/West line WEST	County RIO ARriba
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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.			

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

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 3-30-98 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>FEBRUARY 7, 1998 Date of Survey</p> <p>Signature and Seal of Professional Surveyor <i>Neale C. Edwards</i> NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number</p>

## OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #57C  
**Location:** 1545' FNL, 2620' FWL Section 11, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 44.6, Longitude 107° 32.4  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6328' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2275'	aquifer
Ojo Alamo	2275'	2392'	aquifer
Kirtland	2392'	2737'	
Fruitland	2737'	3196'	
Pictured Cliffs	3196'	3369'	gas
Lewis	3369'	3948'	gas
Intermediate TD	3469'		
Huerfanito Bentonite	3948'	4180'	
Chacra	4180'	4940'	
Massive Cliff House	4940'	5038'	gas
Menefee	5038'	5376'	gas
Massive Point Lookout	5376'	5784'	gas
Mancos Shale	5784'		
Total Depth	5776'		

### Logging Program:

Cased hole logging - Gamma Ray Neutron  
Coring/DST - none

### 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
200-3469'	LSND	8.4-9.0	30-60	no control
3469-5776'	Gas/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>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3469'	7"	20.0#	J-55
6 1/4"	3369' - 5776'	4 1/2"	10.5#	J-55

### Tubing Program:

0' - 5776'      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 #57C

1545' FNL & 2620' FWL, SECTION II, T29N, R7W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

