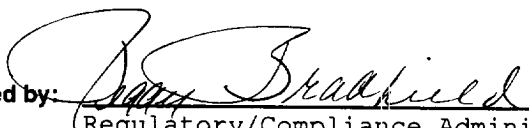


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078425 Unit Reporting Number 891001650A
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 29-7 Unit 7465
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 59C
4. Location of Well 1085' FSL, 1850' FWL R-10720 Latitude 36° 41.6, Longitude 107° 33.6	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 27, T-29-N, R-7-W API # 30-039-26063
14. Distance in Miles from Nearest Town 4 miles from Navajo City	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 1085'	13. State NM
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 600'	
19. Proposed Depth 6199'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6832' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  (Regulatory/Compliance Administrator)	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" 11-25-98 Date

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY  TITLE P.E.T. DATE 7-9-99

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

Form C-10  
Revised February 21, 1999  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

5 PM 1:40 ☐ AMENDED REPORT

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 7465		5 Property Name SAN JUAN 29-7 UNIT			6 Well Number 59C
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6832'

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	27	29N	7W		1085	SOUTH	1850	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.			

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		5289.24'		17 OPERATOR CERTIFICATION	
NMSF-078424				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> Peggy Bradfield	
				Printed Name Regulatory Administrator	
				Title 11-25-98	
				Date	
5280.00'		27		18 SURVEYOR CERTIFICATION	
				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 16, 1998	
				Date of Survey	
				Signature and Seal of Professional Surveyor	
1850'		1085'		NEALE C. EDWARDS NEW MEXICO 6857	
5280.00'		5285.28'		Certificate Number	

## OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #59C  
**Surface Location:** 1085' FSL, 1850' FWL Section 27, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 41.6, Longitude 107° 33.6

**Formation:** Blanco Mesa Verde  
**Elevation:** 6832' GL

<b><u>Formation Tops:</u></b>	<b><u>Top</u></b>	<b><u>Bottom</u></b>	<b><u>Contents</u></b>
Surface	San Jose	2692'	aquifer
Ojo Alamo	2692'	2833'	aquifer
Kirtland	2833'	3167'	gas
Fruitland	3167'	3618'	gas
Pictured Cliffs	3618'	3773'	gas
Lewis	3773'	4236'	gas
<b>Intermediate TD</b>	<b>3873'</b>		
Mesa Verde	4236'	4569'	gas
Chacra	4569'	5235'	gas
Massive Cliff House	5235'	5436'	gas
Menefee	5436'	5799'	gas
Point Lookout	5799'		gas
<b>Total Depth</b>	<b>6199'</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- 500'	Spud	8.4-9.0	40-50	no control
500- 3873'	LSND	8.4-9.0	30-60	no control
3873- 6199'	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' - 500'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3873'	7"	20.0#	J-55
6 1/4"	3773' - 6199'	4 1/2"	10.5#	J-55

**Tubing Program:** 0' - 6199' 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.

1085' FSL & 1850' FWL, SECTION 27, T29N, R7W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

500' NEW BLM CONSTRUCTION  
200' NE/SW SECTION 27, T29N, R7W  
300' SE/SW SECTION 27, T29N, R7W

