

**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-078503 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
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 97C
4. Location of Well 830' FSL, 1675' FWL Latitude 36° 40.7, Longitude 107° 34.7	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 33, T-29-N, R-7-W API# 30-039-26131
14. Distance in Miles from Nearest Town 5 miles from Navajo City	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 830'	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 1000'	
19. Proposed Depth 5919'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6605' 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><i>Debra Bradfield</i></u> Regulatory/Compliance Administrator	<u>1-14-99</u> Date

RECEIVED
MAY 17 1999
OIL CON. DIV.
DIST. 3

PERMIT NO. _____ APPROVAL DATE MAY 13 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.

OK

NMCCD

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form O-102
Revised February 21, 1994

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410

AMENDED REPORT

District IV
PO Box 2239, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-26131		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 7465		5 Property Name SAN JUAN 29-7 UNIT			6 Well Number 97C
7 GRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6605'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Court.
N	33	29N	7W		830	SOUTH	1675	WEST	COURT. RIO ARTEZIA

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	Court.

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

5274.72'

5280.00'

1675'

830'

5280.00'

NMSF-078503

33

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

1-18-99
Date

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.

OCTOBER 30, 1998
Date of Survey

Signature and Seal of Professional Surveyor

Neale C. Edwards
Professional Surveyor

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #97C
Surface Location: 830' FSL, 1675' FWL, Section 33, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 40.7, Longitude 107° 34.7

Formation: Blanco Mesa Verde
Elevation: 6605' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2410'	aquifer
Ojo Alamo	2410'	2548'	aquifer
Kirtland	2548'	2890'	gas
Fruitland	2890'	3321'	gas
Pictured Cliffs	3321'	3465'	gas
Lewis	3465'	3912'	gas
Intermediate TD	3565'		
Mesa Verde	3912'	4280'	gas
Chacra	4280'	4967'	gas
Massive Cliff House	4967'	5145'	gas
Menefee	5145'	5519'	gas
Point Lookout	5519'		gas
Total Depth	5919'		

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- 80'	Spud	8.4-9.0	40-50	no control
80- 2600'	LSND	8.4-9.0	30-60	no control
2600- 5919'	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' - 80'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2600'	7"	20.0#	J-55
6 1/4"	2500' - 5919'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 5919' 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 #97C

830' FSL & 1675' FWL, SECTION 33, T29N, R7W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

900' NEW BLM CONSTRUCTION CONSTRUCTION
200' NW/SW SECTION 33, T29N, R7W
200' NE/SW SECTION 33, T29N, R7W
500' SE/SW SECTION 33, T29N, R7W.

