

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-078951 Unit Reporting Number MV-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 79B
4. Location of Well 1500' FSL, 1850' FWL Latitude 36° 45.1, Longitude 107° 35.8	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec./Twn, Rge, Mer. (NMPM) Sec. 5, T-29-N, R-7-W API# 30-039-26222
14. Distance in Miles from Nearest Town 1 mile from Navajo City	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 1500'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 60/2 315.10 W/2 315.10
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600'	
19. Proposed Depth 7390'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6103' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date 9-8-99

PERMIT NO. _____

APPROVAL DATE OCT 13 1999

APPROVED BY Chip Hanadon

TITLE Acting team Lead

DATE 10/13/99

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.

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-26222		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7465	Property Name SAN JUAN 29-7 UNIT		Well Number 798
GRID No. 014538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6103'

10 Surface Location

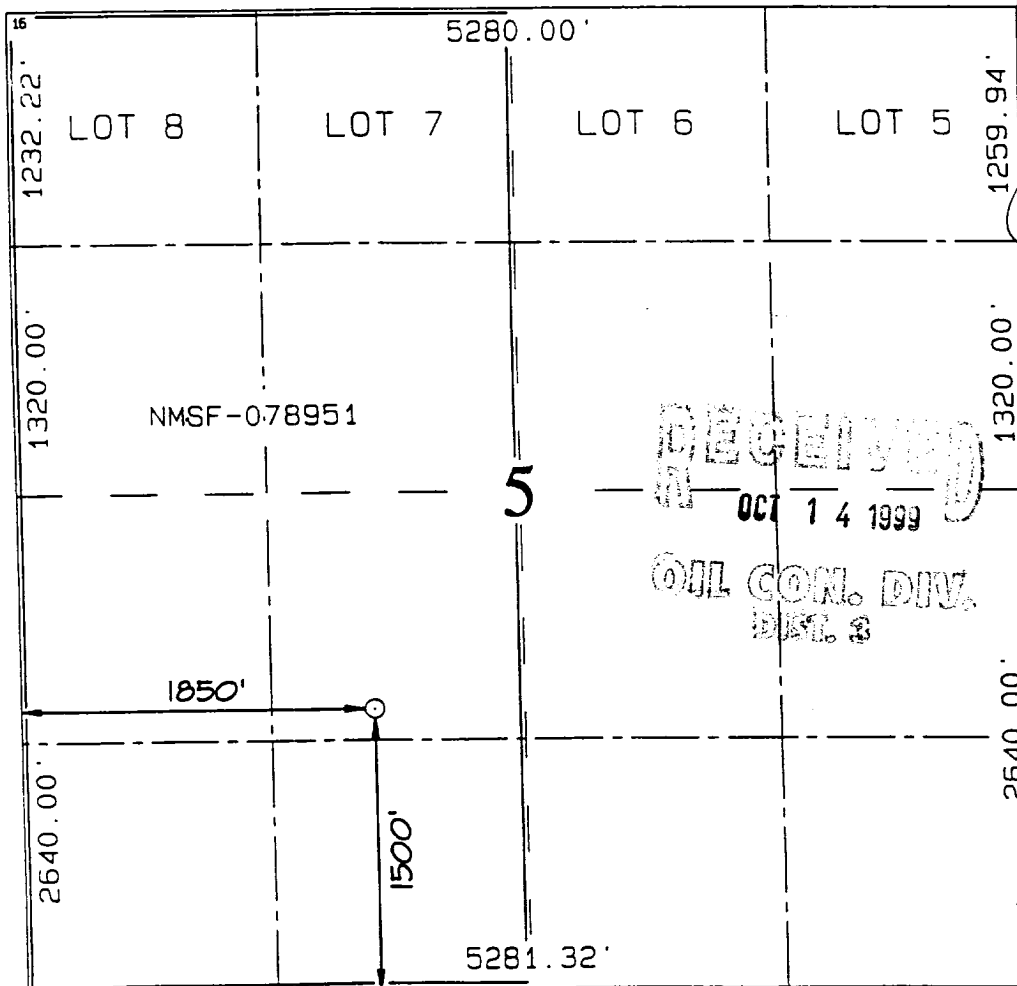
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
K	5	29N	7W		1500	SOUTH	1850	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres W/315.10	Joint or Infill	Consolidation Code	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



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

Peggy Cole
Signature
Peggy Cole
Printed Name
Regulatory Administrator
Title
4-8-99
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 or under my supervision and that the same is true and correct to the best of my belief.

JULY 9, 1999
Date of Survey
Signature and Seal of Professional Surveyor
Neale O. Edwards
NEALE O. EDWARDS
NEW MEXICO
6857
Certificate No. 685

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #79B
Location: 1500' FSL, 1850' FWL, Sec 5, T-29-N, R-7-W
Rio Arriba County, NM
Latitude 36° 45.1, Longitude 107° 35.8
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6164' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1936'	
Ojo Alamo	1936'	2081'	aquifer
Kirtland	2081'	2505'	gas
Fruitland	2505'	2906'	gas
Pictured Cliffs	2906'	3106'	gas
Lewis	3106'	3692'	gas
Intermediate TD	3206'		
Mesa Verde	3692'	3951'	gas
Chacra	3951'	4669'	gas
Massive Cliff House	4669'	4783'	gas
Menefee	4783'	5123'	gas
Massive Point Lookout	5123'	5473'	gas
Mancos	5473'	6175'	gas
Gallup	6175'	7053'	gas
Greenhorn	7053'	7106'	gas
Graneros	7106'	7165'	gas
Dakota	7165'		gas
TD (4 1/2" liner)	7390'		

Logging Program:

Cased hole - IEL-GR, CNL-CDL, CBL-CCL-GR - TD to intermediate TD

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- 3206'	LSND	8.4-9.0	30-60	no control
3206- 7390'	Gas	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3206'	7"	20.0#	J-55
6 1/4"	3106' - 7390'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7390' 2 3/8" 4.70# EUE

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.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

1500' FSL & 1850' FWL, SECTION 5, T29N, R7W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO

NO NEW CONSTRUCTION
NE/SW SECTION 5, T29N, R7W.

