

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-079514
1b. Type of Well GAS	Unit Reporting Number 8910016500
2. Operator BURLINGTON RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 29-7 Unit
4. Location of Well 2165' FNL, 2080' FEL (R-10720) Latitude 36° 41.1, Longitude 107° 34.4	8. Farm or Lease Name San Juan 29-7 Unit
	9. Well Number 77B
	10. Field, Pool, Wildcat Blanco MV
	11. Sec., Twn, Rge, Mer. (NMPM) Sec 33, T-29-N, R-7-W API 30-039-25827
14. Distance in Miles from Nearest Town 4 miles to Navajo City	12. County RA
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 2080'	
16. Acres in Lease	17. Acres Assigned to Well 320 E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 5929'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6596' 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>[Signature]</i></u> Regulatory/Compliance Administrator	<u>7-27-98</u> Date

RECEIVED
JUN 11 1998

14538 OIL CON. DIV.
DIST. 3

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

PERMIT NO. _____ APPROVAL DATE JUN 11 1998
APPROVED BY *[Signature]* TITLE Regulatory/Compliance Administrator DATE JUN 11 1998

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 (E) NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-1
Revised February 21, 1988
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer 03, Artesia, NM 88211-0719

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25587		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7465	Property Name SAN JUAN 29-7 UNIT		Well Number 77B
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6596'

10 Surface Location

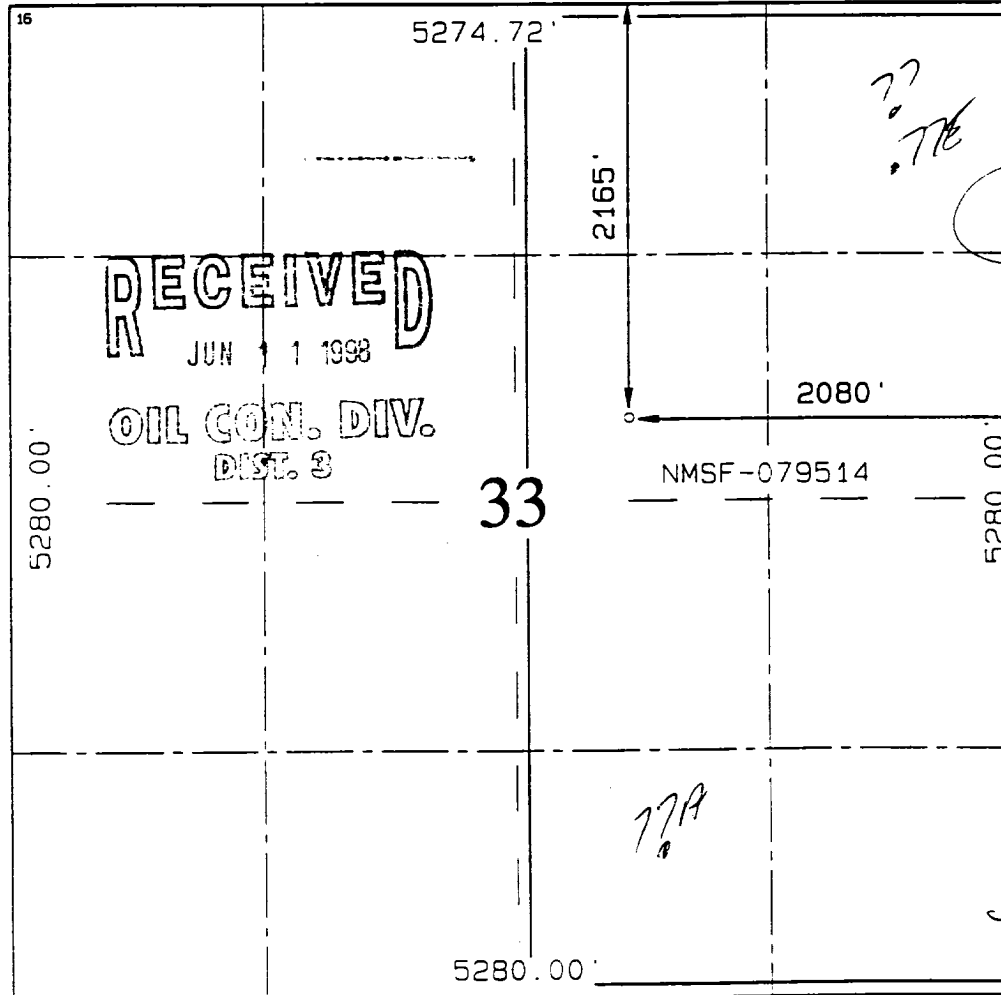
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	33	29N	7W		2165	NORTH	2080	EAST	RIO ARRIBA

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 E/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



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
4-27-98
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.

APRIL 1, 1998
Date of Survey
Signature and Seal of Professional Surveyor
Neale C. Edwards
NEALE C. EDWARDS
NEW MEXICO
6857
Certification Number

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #77B
Location: 2165' FNL, 2080' FEL Section 33, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 41.1, Longitude 107° 34.4
Formation: Blanco Mesa Verde
Elevation: 6596' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2420'	aquifer
Ojo Alamo	2420'	2604'	aquifer
Kirtland	2604'	2918'	
Fruitland	2918'	3344'	
Pictured Cliffs	3344'	3484'	gas
Lewis	3484'	3960'	gas
Intermediate TD	3584'		
Huerfanito Bentonite	3960'	4883'	
Chacra	4302'	5624'	
Massive Cliff House	4978'	5679'	gas
Menefee	5189'	5987'	gas
Massive Point Lookout	5529'	6276'	gas
Total Depth	5929'		

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
200-3584'	LSND	8.4-9.0	30-60	no control
3584-5929'	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' - 3584'	7"	20.0#	J-55
6 1/4"	3484' - 5929'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5929' 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 #77B

2165' FNL & 2080' FEL, SECTION 33, T29N, R7W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SWNE SECTION 33, T29N, R7W

