

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 OIL CON. DIV.	5. Lease Number SF-078945
1b. Type of Well GAS		Unit Reporting Number 8910016500
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name San Juan 29-7 Unit	6. If Indian, All. or Tribe
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 40B
4. Location of Well 1005' FNL, 2395' FEL Latitude 36° 42.1, Longitude 107° 34.4	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde	11. Sec., Twn, Rge, Mer. (NMPM) 19 Sec 28, T-29-N, R-7-W API # 30-039- 25859
14. Distance in Miles from Nearest Town 6 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1005'	17. Acres Assigned to Well 320 E/2	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 5876'		
21. Elevations (DF, FT, GR, Etc.) 6520' 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: <i>Reggie Braahied</i> Regulatory/Compliance Administrator	3-30-98 Date	

PERMIT NO. _____

APPROVAL DATE MAY 15 1998

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE MAY 15 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 @

NMCCD

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

98 APR -9 PM 1:17

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 - 25859		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 40B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6520'

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
B	28	29N	7W		1005	NORTH	2395	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.
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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

¹⁵ RECEIVED MAY 18 1998 OIL CON. DIV. DIST. 3	5278.68'	1005'	2395'	NMSF-078424
	5280.00'	28	5280.00'	NMSF-078945
NMSF-078503	5274.72'			

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
3-30-98
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.

FEBRUARY 9, 1998
Date of Survey

Neale C. Edwards
Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
NEW MEXICO
6857
6857
Certificate No. 6857

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #40B
Location: 1005' FNL 2395' FEL Section 28, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 42.1, Longitude 107° 34.4
Formation: Blanco Mesa Verde
Elevation: 6520' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2379'	aquifer
Ojo Alamo	2379'	2514'	aquifer
Kirtland	2514'	2865'	
Fruitland	2865'	3295'	
Pictured Cliffs	3295'	3457'	gas
Lewis	3457'	3947'	gas
Intermediate TD	3557'		
Huerfano Bentonite	3947'	4244'	
Chacra	4244'	4915'	
Massive Cliff House	4915'	5101'	gas
Menefee	5101'	5476'	gas
Massive Point Lookout	5476'	5937'	gas
Mancos Shale	5937'		
Total Depth	5876'		

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
200-3557'	LSND	8.4-9.0	30-60	no control
3557-5876'	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' - 3557'	7"	20.0#	J-55
6 1/4"	3457' - 5876'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5876' 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 #40B

1005' FNL & 2395' FEL, SECTION 28, T29N, RTW, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

800' NEW BLM CONSTRUCTION
300' NWNE SECTION 28, T29N, RTW
500' NE/NW SECTION 28, T29N, RTW

