

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-078424 Unit Reporting Number 891001650A 6. If Indian, All. or Tribe
1b. Type of Well GAS	7. Unit Agreement Name San Juan 29-7 Unit
2. Operator BURLINGTON RESOURCES Oil & Gas Company	8. Farm or Lease Name San Juan 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	9. Well Number 50B
4. Location of Well 145' FNL, 260' FEL R-10720 Latitude 36° 43.1, Longitude 107° 34.1	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 21, T-29-N, R-7-W API # 30-039-26072
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 145'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 E/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1800'	
19. Proposed Depth 6003'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6642' 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>Deane W. Spencer</i></u> Regulatory/Compliance Administrator	<u>12-2-98</u> Date

PERMIT NO. _____ APPROVAL DATE JUL 15 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.

NMOC

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

99 JAN 19 AM 9:43

Form C-10
Revised February 21, 1998
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 30-039-26072		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 508
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6642'

¹⁰ Surface Location

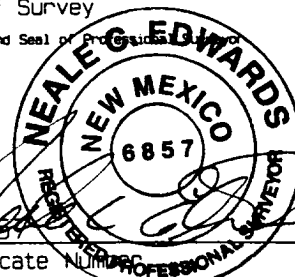
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	21	29N	7W		145	NORTH	260	EAST	RIO ARriba

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

5280.00'	5278.68'	45	260'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Peggy Bradfield</u> Printed Name <u>Peggy Bradfield</u> Regulatory Administrator Title Date <u>11-30-98</u>
	RECEIVED JUL 1 9 1999 OIL CON. DIV DIST. 2 NMSF-078424			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 18, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
	5278.68'	21	5280.00'	

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #50B
Surface Location: 145' FNL, 260' FEL Section 21, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 43.1, Longitude 107° 34.1
Formation: Blanco Mesa Verde
Elevation: 6642' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2511'	aquifer
Ojo Alamo	2511'	2648'	aquifer
Kirtland	2648'	3013'	gas
Fruitland	3013'	3442'	gas
Pictured Cliffs	3442'	3598'	gas
Lewis	3598'	4122'	gas
Intermediate TD	3698'		
Mesa Verde	4122'	4395'	gas
Chacra	4395'	5070'	gas
Massive Cliff House	5070'	5261'	gas
Menefee	5261'	5603'	gas
Point Lookout	5603'		gas
Total Depth	6003'		

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- 200'	Spud	8.4-9.0	40-50	no control
200- 3698'	LSND	8.4-9.0	30-60	no control
3698- 6003'	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' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3698'	7"	20.0#	J-55
6 1/4"	3598' - 6003'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 6003' 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.

145' FNL & 260' FEL, SECTION 21, T29N, R7W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

1900' NEW BLM CONSTRUCTION
200' SW/NE SECTION 21, T29N, R7W
200' NW/NE SECTION 21, T29N, R7W
1500' NE/NE SECTION 21, T29N, R7W.

