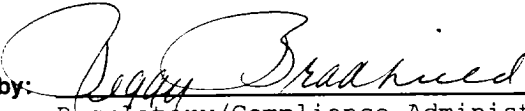


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-0793930 Unit Reporting Number 891000950A
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 27-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 27-5 Unit 9. Well Number 59B
4. Location of Well 2270' FSL, 2030' FEL, Latitude 36° 33.1, Longitude 107° 23.8	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 6, T-27-N, R-5-W API # 30-039- 26125 26163
14. Distance in Miles from Nearest Town 6 miles from Gobernador	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 2030'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 319.69 E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1600'	
19. Proposed Depth 5883'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6530' 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:  Regulatory/Compliance Administrator	12-23-98 Date

PERMIT NO. _____ APPROVAL DATE APR 15 1999
Team Lead, Petroleum Management
APPROVED BY /S/ Duane W. Spencer TITLE _____ 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.

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

District II
PO Drawer DD, 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- 36163	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 598
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6530'

¹⁰ Surface Location

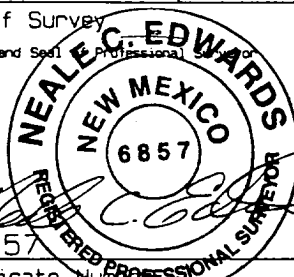
UL or lot no. J	Section 6	Township 27N	Range 5W	Lot Idn	Feet from the 2270	North/South line SOUTH	Feet from the 2030	East/West line EAST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres E/319.69	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 1458.60'	1448.04'	2576.64'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Peggy Bradfield Printed Name Regulatory Administrator Title 12-23-98 Date
1320.00'	1320.00'	1322.64'	
1320.00'	1320.00'	1329.24'	
2648.58'	2623.50'	2717.88'	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. NOVEMBER 16, 1998 Date of Survey Signature and Seal  6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #59B
Surface Location: 2270' FSL, 2030' FEL, Section 6, T-27-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 33.1, Longitude 107° 23.8

Formation: Blanco Mesa Verde
Elevation: 6530' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2620'	aquifer
Ojo Alamo	2620'	2811'	aquifer
Kirtland	2811'	2915'	gas
Fruitland	2915'	3314'	gas
Pictured Cliffs	3314'	3419'	gas
Lewis	3419'	3860'	gas
Intermediate TD	3519'		
Mesa Verde	3860'	4274'	gas
Chacra	4274'	4983'	gas
Massive Cliff House	4983'	5171'	gas
Menefee	5171'	5483'	gas
Point Lookout	5483'		gas
Total Depth	5883'		

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- 2900'	LSND	8.4-9.0	30-60	no control
2900- 5883'	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' - 2900'	7"	20.0#	J-55
6 1/4"	2800' - 5883'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 5883' 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 27-5 UNIT #59B

2270' FSL & 2030' FEL, SECTION 6, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NW/SE SECTION 6, T27N, R5W.

