

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-080674 Unit Reporting Number DK-8910010540 MV-891001054A Indian, All. or Tribe	
1b. Type of Well GAS ✓	7. Unit Agreement Name San Juan 27-4 Unit	
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	8. Farm or Lease Name San Juan 27-4 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. Well Number 99B	
4. Location of Well 30' FSL, 1940' FWL Latitude 36° 34.0, Longitude 107° 15.5	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 16, T-27-N, R-4-W API # 30-039-26376	
14. Distance in Miles from Nearest Town 18 miles from Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 30'	17. Acres Assigned to Well 320 W/2	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1200'		
19. Proposed Depth 8525' ✓	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7220' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u><i>Harry Cole</i></u> Regulatory/Compliance Administrator	<u>2-19-00</u> Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE 6/20/00  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 6/20/00

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.

NO 2 CIDA FOR NSL in Basin Dakota

District I  
PO Box 1990, 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-10:  
Revised February 21, 1999  
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 30-039-26376		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT		*Well Number 99B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 7220'

<sup>10</sup> Surface Location

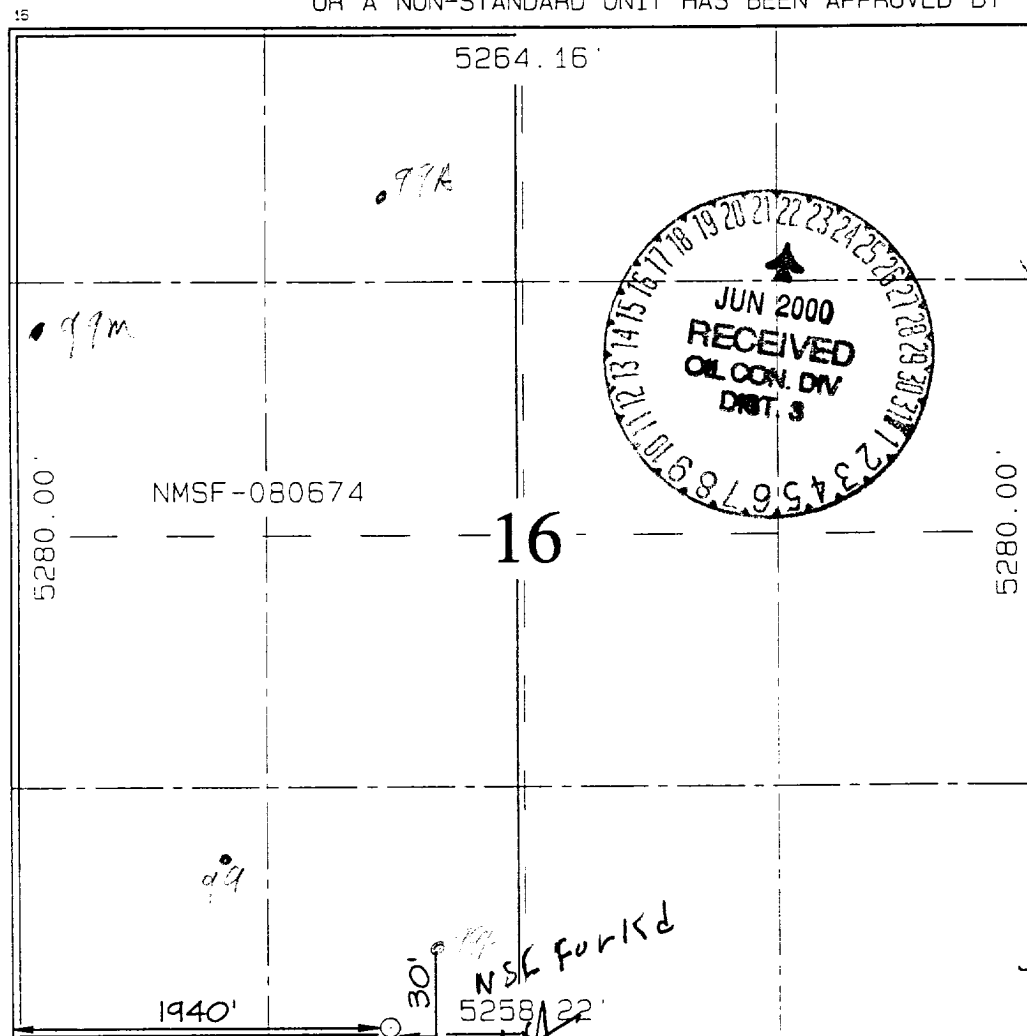
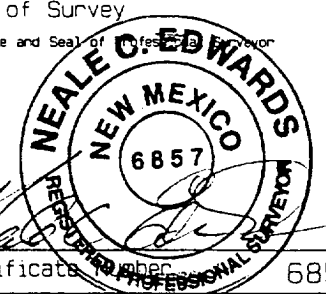
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	27N	4W		30	SOUTH	1940	WEST	RIO ARriba

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres MV-W/320 DK-W/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>		<sup>17</sup> 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 Cole</u> Printed Name <u>Peggy Cole</u> Regulatory Administrator Title <u>2-19-00</u> Date
		<sup>18</sup> 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 30, 1999 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 6857

## OPERATIONS PLAN

**Well Name:** San Juan 27--4 Unit #99B  
**Location:** 30' FSL, 1940' FWL, Sec 16, T-27-N, R-4-W  
Rio Arriba County, NM  
Latitude 36° 34.0, Longitude 107° 15.5  
**Formation:** Blanco Mesa Verde/Basin Dakota  
**Elevation:** 7220' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3509'	
Ojo Alamo	3509'	3652'	aquifer
Kirtland	3652'	3720'	gas
Fruitland	3720'	4042'	gas
Pictured Cliffs	4042'	4179'	gas
Lewis	4179'	4610'	gas
<b>Intermediate TD</b>	<b>4279'</b>		
Mesa Verde	4610'	5050'	gas
Chacra	5050'	5852'	gas
Massive Cliff House	5852'	5927'	gas
Menefee	5927'	6247'	gas
Massive Point Lookout	6247'	6787'	gas
Mancos	6787'	7426'	gas
Gallup	7426'	8210'	gas
Greenhorn	8210'	8271'	gas
Graneros	8271'	8301'	gas
Dakota	8301'		gas
<b>TD</b>	<b>8525'</b>		

### Logging Program:

Cased hole - CBL-CCL-GR - TD to surface  
Cores - 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- 4279'	LSND	8.4-9.0	30-60	no control
4279- 8525'	Air/N2	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' - 4200'	7"	20.0#	J-55
8 3/4"	4200' - 4279'	7"	23.0#	N-80
6 1/4"	4179' - 8525' ✓	4 1/2"	10.5#	K-55

### Tubing Program:

0' -8525'      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.

#### 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.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-4 UNIT #99B

30' FSL & 1940' FWL, SECTION 16, T27N, R4W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

150' NEW FOREST SERVICE CONSTRUCTION  
SE/SW SECTION 16, T27N, R4W

