

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED  
BLM  
98 DEC 17 PM 1:09  
070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-078503A Unit Reporting Number 891001650A	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name San Juan 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name San Juan 29-7 Unit 9. Well Number 87B	
4. Location of Well 2500' FNL, 425' FEL  Latitude 36° 42.7, Longitude 107° 36.3	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 19, T-29-N, R-7-W API # 30-039- 26052	
14. Distance in Miles from Nearest Town 4 miles from Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 425'	17. Acres Assigned to Well 320 E/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 6188'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6917' 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>Debra J. Hall</i></u> Regulatory/Compliance Administrator	12-1-98 Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE FEB 19 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.

12-10720  
R-10987-17 (S)

NMCCN

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

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

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAN

*API Number 30-039-26052		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 87B
*CGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6917'

<sup>10</sup> Surface Location

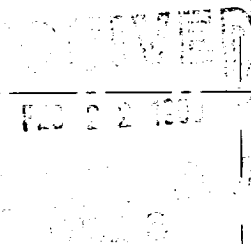
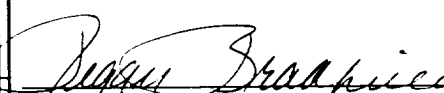
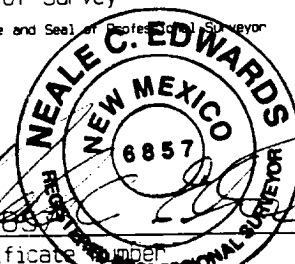
U. or Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I.	19	29N	7W		2500	NORTH	425	EAST	RIO ARRIBA

<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
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<sup>12</sup> Dedicated Acres  E/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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	4567.20'	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
5		2500'	 Signature Peggy Bradford Printed Name Regulatory Administrator Title
6		425'	Date 11-25-98
5276.70'	19	NMSF-078503A	<b>18 SURVEYOR CERTIFICATION</b> 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.
7	5280.00'	4654.32'	Date of Survey SEPTEMBER 30, 1998 Signature and Seal of Professional Surveyor  Certificate Number 5853
8			

## OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #87B  
**Surface Location:** 2500' FNL, 425' FEL Section 19, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 42.7, Longitude 107° 36.3

**Formation:** Blanco Mesa Verde  
**Elevation:** 6917' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2689'	aquifer
Ojo Alamo	2689'	2804'	aquifer
Kirtland	2804'	3158'	gas
Fruitland	3158'	3632'	gas
Pictured Cliffs	3632'	3768'	gas
Lewis	3768'	4332'	gas
<b>Intermediate TD</b>	<b>3868'</b>		
Mesa Verde	4332'	4595'	gas
Chacra	4595'	5253'	gas
Massive Cliff House	5253'	5419'	gas
Menefee	5419'	5788'	gas
Point Lookout	5788'		gas
<b>Total Depth</b>	<b>6188'</b>		

**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- 500'	Spud	8.4-9.0	40-50	no control
500- 3868'	LSND	8.4-9.0	30-60	no control
3868- 6188'	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' - 500'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3868'	7"	20.0#	J-55
6 1/4"	3768' - 6188'	4 1/2"	10.5#	J-55

**Tubing Program:** 0' - 6188' 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 #87B

2500' FNL & 425' FEL, SECTION 19, T29N, R7W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

1600' NEW BLM CONSTRUCTION  
200' NWNW SECTION 20, T29N, R7W.  
400' SW/SW SECTION 20, T29N, R7W.  
1000' SE/NE SECTION 19, T29N, R7W.

