

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED  
BLM

93 DEC -9 PM 1:30  
070 FARMINGTON, NM

RECEIVED  
MAR 12 1999

OIL CON. DIV.  
DIST. 3

1a. Type of Work DRILL	5. Lease Number NM-019404 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 72B
4. Location of Well 2480' FNL, 1085' FEL R-10720 Latitude 36° 41.8, Longitude 107° 32.1	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 26, T-29-N, R-7-W API # 30-039- 26042
14. Distance in Miles from Nearest Town 4 miles to Navajo City	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1085'	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 1800'	
19. Proposed Depth 5737'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6342' 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>Duane W. Spencer</u> Regulatory/Compliance Administrator	Date 12-1-98

PERMIT NO. \_\_\_\_\_

APPROVAL DATE MAR 10 1999

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

DATE MAR 10 1999

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 1990, Hobbs, NM 88241-1980

District II  
PO Box 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

Form C-102  
Revised February 21, 1994

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 PLAT

<sup>1</sup> API Number 30-039-26042	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 7465	<sup>5</sup> Property Name SAN JUAN 29-7 UNIT	<sup>6</sup> Well Number 728
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	<sup>9</sup> Elevation 6342'

<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
4	26	29N	7W		2480	NORTH	1085	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
<sup>12</sup> Dedicated Acres E/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>15</sup>	5273.40'		<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 Peggy Bradfield Printed Name Regulatory Administrator Title 11-25-98 Date
DECEIVED MAR 12 1999 OIL CON. DIV. DIST. 3		FEE	NMSF-078424 2480' NMNM-019404 1085'
5280.00'	26		5280.00'
		NMSF-078425	<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 21, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate
	5267.46'		

## OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #72B  
**Surface Location:** 2480' FNL, 1085' FEL Section 26, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 41.8, Longitude 107° 32.1  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6342' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2267'	aquifer
Ojo Alamo	2267'	2402'	aquifer
Kirtland	2402'	2753'	gas
Fruitland	2753'	3152'	gas
Pictured Cliffs	3152'	3338'	gas
Lewis	3338'	3825'	gas
<b>Intermediate TD</b>	<b>3438'</b>		
Mesa Verde	3825'	4121'	gas
Chacra	4121'	4802'	gas
Massive Cliff House	4802'	4985'	gas
Menefee	4985'	5337'	gas
Point Lookout	5337'		gas
<b>Total Depth</b>	<b>5737'</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- 200'	Spud	8.4-9.0	40-50	no control
200- 3438'	LSND	8.4-9.0	30-60	no control
3438- 5737'	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' - 3438'	7"	20.0#	J-55
6 1/4"	3338' - 5737'	4 1/2"	10.5#	J-55

**Tubing Program:** 0' - 5737' 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.

2480' FNL & 1085' FEL, SECTION 26, T29N, R7W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO

1300' NEW FEE/BLM CONSTRUCTION

1100' NE/SE SECTION 26, T29N, R7W (FEE)  
200' SE/NE SECTION 26, T29N, R7W (BLM)

