

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED  
BLM

99 MAR 16 PM 12:58

1a. Type of Work DRILL	5. Lease Number SF-078424 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 73B ✓
4. Location of Well 2520' FSL, 160' FWL Latitude 36° 42.7, Longitude 107° 31.8	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec 24, T-29-N, R-7-W ✓ API # 30-039-26136
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 160'	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 400'	
19. Proposed Depth 5673'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6229 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>[Signature]</u> Regulatory/Compliance Administrator	Date <u>12-1-98</u>

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

APPROVAL DATE

MAR 25 1999

APPROVED BY /s/ Duane W. Spencer

TITLE

Team Lead, Paleogeography

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.

7c

NMOCD

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

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AMENDED DEPOF

WELL LOCATION AND ACREAGE DEDICATION PLAN

'API Number 30-039 26136	'Pool Code 72319	'Pool Name BLanco Mesaverde
'Property Code 7465	'Property Name SAN JUAN 29-7 UNIT	'Well Number 733
'OGRID No. 14538	'Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	'Elevation 6229'

<sup>10</sup> Surface Location

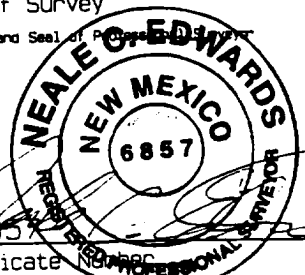
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	24	29N	7W		2520	SOUTH	160	WEST	RIO GRAND

<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 W/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		5274.72'		17 OPERATOR CERTIFICATION	
FEE		FEE		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
5280.00'		FEE		Signature <i>Peggy Bradfield</i> Peggy Bradfield	
160'		24		Printed Name Regulatory Administrator	
2520'		NMSF-078424		Title 11-25-98	
5280.00'		5280.00'		Date	
				18 SURVEYOR CERTIFICATION	
				I hereby certify that the well location shown on this map 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 17, 1998	
				Date of Survey	
				Signature and Seal of Professional Surveyor	
					
				Certificate No. 6857	

## OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #73B  
Surface Location: 2520' FSL, 160' FWL Section 24, T-29-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 42.7, Longitude 107° 31.8  
"

Formation: Blanco Mesa Verde  
Elevation: 6229' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2182'	aquifer
Ojo Alamo	2182'	2307'	aquifer
Kirtland	2307'	2696'	gas
Fruitland	2696'	3054'	gas
Pictured Cliffs	3054'	3278'	gas
Lewis	3278'	3762'	gas
<b>Intermediate TD</b>	<b>3378'</b>		
Mesa Verde	3762'	4023'	gas
Chacra	4023'	4788'	gas
Massive Cliff House	4788'	4901'	gas
Menefee	4901'	5273'	gas
Point Lookout	5273'		gas
<b>Total Depth</b>	<b>5673'</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- 3378'	LSND	8.4-9.0	30-60	no control
3378- 5673'	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' - 3378'	7"	20.0#	J-55
6 1/4"	3278' - 5673'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 5673' 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.

2520' FSL & 160' FWL, SECTION 24, T29N, R7W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO

300' NEW BLM CONSTRUCTION  
NW/SW SECTION 24, T29N, R7W.

