

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

11

1a. Type of Work  
DRILL

1b. Type of Well  
GAS

2. Operator  
**BURLINGTON RESOURCES** Oil & Gas Company

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499  
(505) 326-9700

4. Location of Well  
1690' FSL, 1610' FEL  
Latitude 36° 37.7, Longitude 107° 15.2

14. Distance in Miles from Nearest Town  
64 miles from Bloomfield

15. Distance from Proposed Location to Nearest Property or Lease Line  
1610'

16. Acres in Lease

17. Acres Assigned to Well  
320 E/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
2500'

19. Proposed Depth  
6751'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
7244' GR

22. Approx. Date Work will Start  
1-27-99

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: [Signature]  
(Regulatory/Compliance Administrator)

5. Lease Number  
NM-03863  
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name

8. Farmer or Lease Name  
Valdez

9. Well Number  
30-039-

10. Field, Pool, Wildcat  
Blanco Mesaverde

11. Sec, Twn, Rge, Mer. (NMPM)  
J Sec. 28, T-28-N, R-4-W  
API # 30-039-

12. County  
Rio Arriba

13. State  
NM

RECEIVED  
MAY 24 1999  
OIL CON. DIV.  
DIST. 3

7620

26141

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

PERMIT NO. \_\_\_\_\_ APPROVAL DATE MAY 20 1999

APPROVED BY \_\_\_\_\_ 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.

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NMOCD

District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer 3, Aztec, NM 87211-0719  
District III  
1000 Rio Grande, 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

<sup>1</sup> API Number 30-039-26141	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 7620	<sup>5</sup> Property Name VALDEZ	<sup>6</sup> Well Number # 8A
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	<sup>9</sup> Elevation 7244

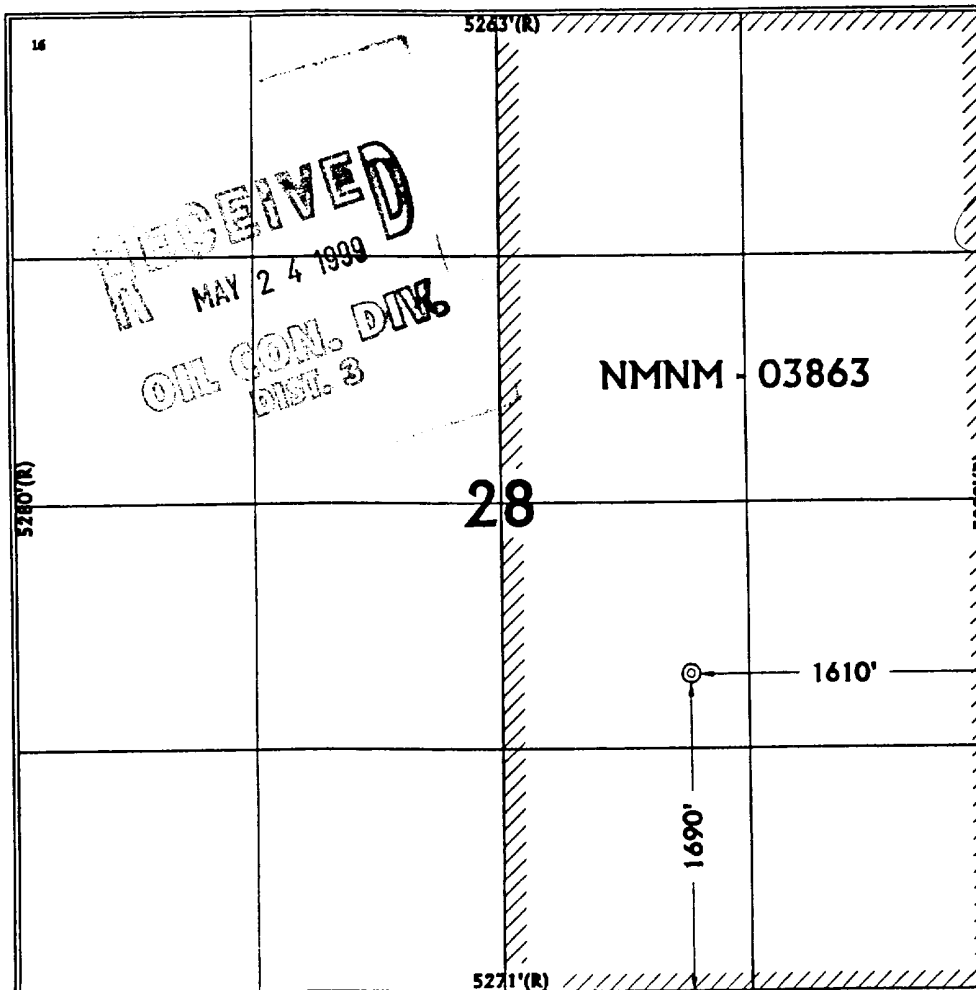
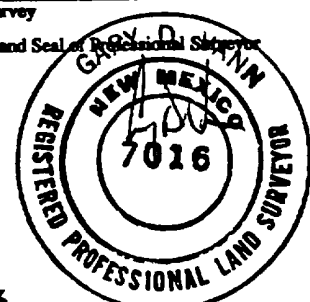
<sup>10</sup> Surface Location

UL or Lot No. J	Section 28	Township 28 N	Range 4 W	Lot Idn	Feet from the 1690	North/South line SOUTH	Feet from the 1610	East/West line EAST	County RIO ARriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

<sup>1</sup> 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

	<p><b>"OPERATOR CERTIFICATION"</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 1-27-99 Date</p>
	<p><b>"SURVEYOR CERTIFICATION"</b></p> <p>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.</p> <p>October 8, 1998 Date of Survey Signature and Seal of Professional Surveyor  7016 Certificate Number</p>

(R) - GLO Record

## OPERATIONS PLAN

Well Name: Valdez #8A  
Surface Location: 1690' FSL, 1610' FEL, Section 28, T-28-N, R-4-W  
Rio Arriba County, New Mexico  
Latitude 36° 37.7, Longitude 107° 15.2

Formation: Blanco Mesa Verde  
Elevation: 7244' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3618'	aquifer
Ojo Alamo	3618'	3739'	aquifer
Kirtland	3739'	3798'	gas
Fruitland	3798'	4153'	gas
Pictured Cliffs	4153'	4296'	gas
Lewis	4296'	4753'	gas
<b>Intermediate TD</b>	<b>4396'</b>		
Mesa Verde	4753'	5168'	gas
Chacra	5168'	5983'	gas
Massive Cliff House	5983'	6075'	gas
Menefee	6075'	6351'	gas
Point Lookout	6351'		gas
<b>Total Depth</b>	<b>6751'</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- 4396'	LSND	8.4-9.0	30-60	no control
4396- 6751'	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' - 4396'	7"	20.0#	J-55
6 1/4"	4296' - 6751'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 6751' 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.

