

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

5. Lease Number
NM-03863
Unit Reporting Number

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

7. Unit Agreement Name

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87401
(505) 326-9700

8. Farm or Lease Name
Valdez

9. Well Number
8

4. Location of Well
1190' FNL, 910' FEL
Latitude 36° 38' 1", Longitude 107° 15' 0"

10. Field, Pool, Wildcat
Blanco Mesaverde

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

14. Distance in Miles from Nearest Town
50 miles to Bloomfield

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
910'

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
2000'

19. Proposed Depth
6862'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR. Etc.)
7356' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

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

10-23-98
Date

PERMIT NO. _____ APPROVAL DATE **MAR 23 1999**

APPROVED BY /s/ Duane W. Spencer TITLE State Land Management DATE 10-23-98
MAR 23 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.

OK

NMOC

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
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-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

98 DEC 17 PM 1:08

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26053	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 7620	⁵ Property Name VALDEZ	⁶ Well Number # 8
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 7356

¹⁰ Surface Location

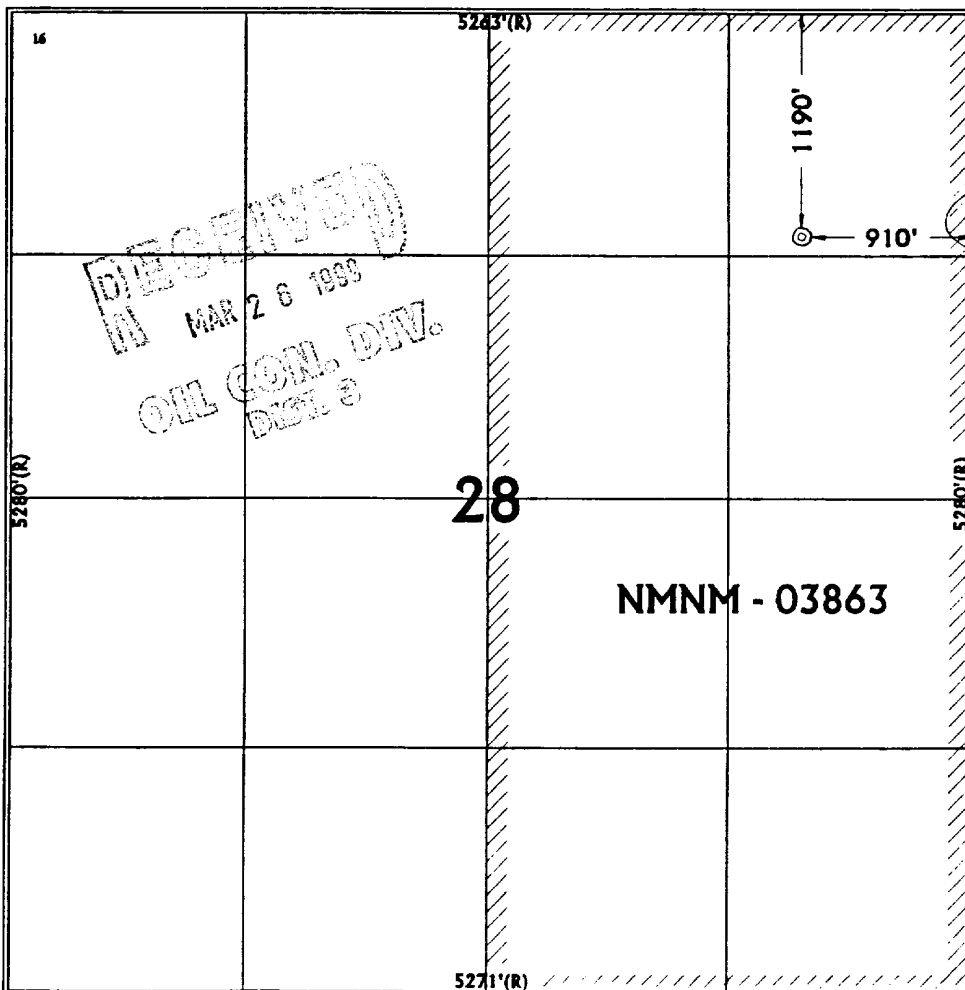

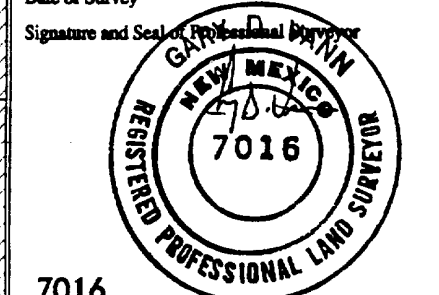
UL or Lot No. A	Section 28	Township 28 N	Range 4 W	Lot Idn	Feet from the 1190	North/South line NORTH	Feet from the 910	East/West line EAST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

¹ 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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¹² Dedicated Acres E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 10-25-98 Date</p>
	<p>18 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.</p> <p>September 3, 1998 Date of Survey  Signature and Seal of Registered Professional Land Surveyor 7016 Certificate Number</p>

OPERATIONS PLAN

Well Name: Valdez #8
Location: 1190' FNL, 910' FEL Section 28, T-28-N, R-4-W
Rio Arriba County, New Mexico
Latitude 36° 38' 1", Longitude 107° 15' 0"
Formation: Blanco Mesa Verde
Elevation: 7356' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3712'	aquifer
Ojo Alamo	3712'	3843'	aquifer
Kirtland	3843'	3899'	gas
Fruitland	3899'	4242'	gas
Pictured Cliffs	4242'	4410'	gas
Lewis	4410'	4892'	gas
Intermediate TD	4510'		
Mesa Verde	4892'	5287'	gas
Chacra	5287'	6106'	gas
Massive Cliff House	6106'	6190'	gas
Menefee	6190'	6462'	gas
Point Lookout	6462'		gas
Total Depth	6862'		

Logging Program:

Open hole logs:

GRI/SP TD to 4510'

Dens-Neut TD to 4510'

CMR/GR TD to 2125'

Mud Logs/Coring/DST - 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
200-4510'	LSND	8.4-9.0	30-60	no control
4510-6862'	Gas/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>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4510'	7"	20.0#	J-55
6 1/4"	4410' - 6862'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6862' 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.

