

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

5. Lease Number
NM-4456
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 87499
(505) 326-9700

8. Farm or Lease Name
Cat Draw

9. Well Number
100

4. Location of Well
1035' FSL, 1025' FWL
Latitude 36° 50.2'; Longitude 107° 22.1'

10. Field, Pool, Wildcat
Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 4, T-30-N, R-5-W
API # 30-039-26167

14. Distance in Miles from Nearest Town
11 miles to Gobernador

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1025'

16. Acres in Lease

17. Acres Assigned to Well
319.63 W/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
3000'

19. Proposed Depth
3186'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6386' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

Date 5-7-99

PERMIT NO. [Signature] APPROVAL DATE MAY 04 1999

APPROVED BY [Signature] TITLE Admng Team Lead 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.

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980

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

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

1 API Number 30-039-2667		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 18493		5 Property Name CAT DRAW			6 Well Number 100
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6386'

10 Surface Location

UL or lot no. M	Section 4	Township 30N	Range 5W	Lot Idn	Feet from the 1035	North/South line SOUTH	Feet from the 1025	East/West line WEST	County RIO ARriba
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11 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
12 Dedicated Acres FTC - W/319.63		13 Joint or Infill		14 Consolidation Code		15 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

16		5280.00'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
8		7		Signature Peggy Bradfield	
5278.02'		USA NM-4456		Printed Name Regulatory Administrator	
1025'		4		Title Date	
1035'		5261.52'		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.	
5261.52'		5261.52'		MARCH 10, 1999 Date of Survey	
				Signature and Seal of Professional Surveyor NEALE G. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR	
				Certificate Number 6857	

OPERATIONS PLAN

Well Name: Cat Draw #100
Location: 1035' FSL, 1025' FWL, Section 4, T-30-N, R-5-W
Latitude 36° 50.2, Longitude 107° 22.1
Rio Arriba County, NM
Formation: Basin Fruitland Coal
Elevation: 6386' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2479'	
Ojo Alamo	2479'	2619'	aquifer
Kirtland	2619'	2979'	gas
Fruitland	2979'	3186'	gas
Intermediate casing	3016'		
Basal Coal	3066'	3186'	gas
Pictured Cliffs	3186'		
Total Depth	3186'		

Logging Program: GR, CDL, CNL, IND - TD to intermediate casing

Coring Program: 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
200-3186'	Non-dispersed	8.4-9.0	30-60	no 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#	WC-50
8 3/4"	0' - 3016'	7"	20.0#	J-55
6 1/4"	2916' - 3186'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3186'	2 3/8"	4.7#	J-55
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Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2619'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - Pre-drilled liner run to the 7" casing with an overlap. Liner hanger is a slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 3/8" x 11" 3000 psi xmas tree assembly.

BURLINGTON RESOURCES OIL & GAS COMPANY CAT DRAW #100

1035' FSL & 1025' FWL, SECTION 4, T30N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SWSW SECTION 4, T30N, R5W

