

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

RECEIVED
APR 17 1998

5. Lease Number SF-079522
Unit Reporting Number

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
**BURLINGTON
RESOURCES**
14538

OIL CON. DIV.
DIST. 3
Oil & Gas Company

7. Unit Agreement Name

San Juan 28-5 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name
7460 San Juan 28-5 Unit

9. Well Number
68M

4. Location of Well
790' FNL, 790' FWL

Latitude 36° 37.4, Longitude 107° 22.2

10. Field, Pool, Wildcat
72319 Blanco MV/Basin Dk 71599
11. Sec., Twn, Rge, Mer. (NMPM)
D Sec 33, T-28-N, R-5-W
API # 30-039-25831

14. Distance in Miles from Nearest Town
41 miles to Blanco

12. County Rio Arriba 13. State NM

15. Distance from Proposed Location to Nearest Property or Lease Line
790'

16. Acres in Lease
This well is located on the well and
proposed location is 790' from the 3183.0'
and proposed location is 790' from the 3183.0'

17. Acres Assigned to Well
320 N/2; 321.19 W/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
2000'

19. Proposed Depth 7806
DRILLING OPERATIONS AUTHORIZED ARE
LIMITED TO THE DEPTH WITH ATTACHED
"GENERAL REQUIREMENTS"

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6539' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Debra B. Smith
Regulatory/Compliance Administrator

2/12/98
Date

PERMIT NO. _____

APPROVAL DATE

APR 13 1998

APPROVED BY /S/ Duane W. Spencer

TITLE _____

DATE

APR 15 1998

Archaeological Report to be submitted by Arboles Contract Archaeology
Threatened & Endangered Species Report submitted by Ecosphere
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

OK
(9)

RECEIVED

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

58 MAR 13 PM 1:39 AMENDED REPORT

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25F31	² Pool Code 71599, 72319	³ Pool Name Basin Dakota, Blanco Mesaverde
⁴ Property Code 7460	⁵ Property Name SAN JUAN 28-5 UNIT	⁶ Well Number 68M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6539'

¹⁰ Surface Location

UL or lot no. D	Section 33	Township 28N	Range 5W	Lot Idn	Feet from the 790	North/South line North	Feet from the 790	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 DK-W321.19 MV-N320									
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

¹⁶ 790' 790' 5270.76' 465	¹⁷ 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 2/12/98 Date
5280.00' FEE 33 NMSF-079522 3 2 1 5280.00'	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. NOVEMBER 24, 1997 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #68M
Location: 790' FNL, 790' FWL Sec 33, T-28-N, R-5-W
Rio Arriba County, NM
Latitude 36° 37.4, Longitude 107° 22.2
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6539' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2701'	
Ojo Alamo	2701'	2986'	aquifer
Fruitland	2986'	3366'	gas
Pictured Cliffs	3366'	3481'	gas
Lewis	3481'	3941'	gas
Intermediate TD	3581'		
Huerfanito Bentonite	3941'	4321'	gas
Chacra	4321'	5041'	
Massive Cliff House	5041'	5201'	gas
Menefee	5201'	5531'	gas
Massive Point Lookout	5531'	6711'	gas
Gallup	6711'	7461'	gas
Greenhorn	7461'	7551'	gas
Dakota	7551'		gas
TD (4 1/2" liner)	7806'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

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
200-3581'	LSND	8.4-9.0	30-60	no control
3581-7806'	Gas	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3581'	7"	20.0#	J-55
6 1/4"	3481' - 7806'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7806'	2 3/8"	4.70# EUE
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790' FNL 790' FWL SEC 33, T28N, R5W
RIO ARriba COUNTY, NEW MEXICO

100' B.L.M. NEW CONSTRUCTION
NWNW SECTION 33, T28N, R5W

