

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
1750' FSL, 790' FEL
Latitude 36° 36.9, Longitude 107° 20.4

5. Lease Number
SF-079522
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name
San Juan 28-5 Unit

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

9. Well Number
71M /

10. Field, Pool, Wildcat
Blanco MV/Basin DK

11. Sec., Twn, Rge, Mer. (NMPM)
1 Sec. 34, T-28-N, R-5-W
API # 30-039-26253

12. County
Rio Arriba

13. State
NM

14. Distance in Miles from Nearest Town
44 miles from Blanco

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

16. Acres in Lease

17. Acres Assigned to Well
MV: 343.60 S/2
DK: 326.42 E/2
333.9

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
1000'

19. Proposed Depth
7935' /

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6686' / GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: *Peggy Cole* 11-8-99
Regulatory/Compliance Administrator Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /s/ Charlie Beecham TITLE _____ DATE APR 26 2000

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.

NMOCD

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

1077 DEC -2 PM 1:20

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26253	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 7460	⁵ Property Name SAN JUAN 28-5 UNIT	⁶ Well Number 71M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6686'

¹⁰ Surface Location

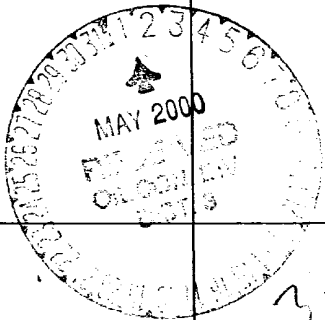
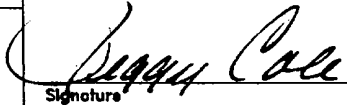
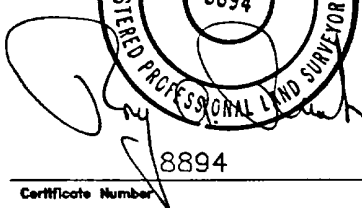
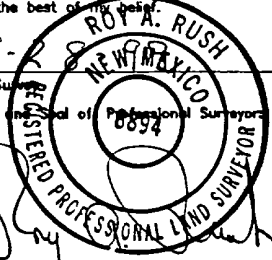
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	28-N	5-W		1750	SOUTH	790	EAST	RIO ARRIBA

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 MV: S/343.6; DK: E/328.42	¹³ Joint or Infill	¹⁴ Consolidation Code 333.9	¹⁵ 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  NMSF-079522 FD. 1914 U.S.G.L.O. BC. 34 343.6 Km LAT. = 36° 36.9' N. LONG. = 107° 20.4' W. 790' 1750' NN 00-00-05 W 5275.20' FD. 1914 U.S.G.L.O. BC.	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 Cole Printed Name Regulatory Administrator Title 11-8-99 Date 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. 9-8-99 Date of Survey  Signature of Professional Surveyor 8894 Certificate Number 
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OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #71M
Location: 1750' FSL, 790' FEL, Sec 34, T-28-N, R-5-W
Rio Arriba County, NM
Latitude 36° 36.9, Longitude 107° 20.4
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6686' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2873'	
Ojo Alamo	2873'	3058'	aquifer
Kirtland	3058'	3168'	gas
Fruitland	3168'	3542'	gas
Pictured Cliffs	3542'	3626'	gas
Lewis	3626'	4149'	gas
Intermediate TD	3726'		
Mesa Verde	4149'	4509'	gas
Chacra	4509'	5224'	gas
Massive Cliff House	5224'	5388'	gas
Menefee	5388'	5718'	gas
Massive Point Lookout	5718'	6215'	gas
Mancos	6215'	6859'	gas
Gallup	6859'	7610'	gas
Greenhorn	7610'	7672'	gas
Graneros	7672'	7712'	gas
Dakota	7712'		gas
TD (4 1/2" liner)	7935'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface

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- 3726'	LSND	8.4-9.0	30-60	no control
3726- 7935'	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>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' - 3726'	7"	20.0#	J-55
6 1/4"	3626' - 7935' ✓	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7935' 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.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

BURLINGTON RESOURCES OIL AND GAS COMPANY

SAN JUAN 28-5 UNIT No. 71M

SE/4 SEC. 34, T-28-N, R-5-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

1750' FSL

790' FEL

