

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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
1519' FSL, 1815' FEL,
Latitude 36° 36.9, Longitude 107° 21.7

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
69M

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

11. Sec., Twn, Rge, Mer. (NMPM)
1 Sec. 33, T-28-N, R-5-W
API# 30-039- 26254

12. County
Rio Arriba

13. State
NM

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

15. Distance from Proposed Location to Nearest Property or Lease Line
1519'

16. Acres in Lease
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

17. Acres Assigned to Well
MV: 326.64 S/2
DK: 325.46 E/2

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

19. Proposed Depth
7875'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6618' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: *Susan Cole*
Regulatory/Compliance Administrator

Date 10-19-99

PERMIT NO.

APPROVAL DATE

APPROVED BY /s/ Charlie Beecham

TITLE Team Lead, Petroleum Management

DATE FEB - 4 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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26254	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 69M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6618'

¹⁰ Surface Location

UL or lot no. J	Section 33	Township 28-N	Range 5-W	Lot Idn	Feet from the 1519	North/South line SOUTH	Feet from the 1815	East/West line EAST	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 MV:S/326	¹³ Joint or Infill 64; DK:E	¹⁴ Consolidation Code /325.46	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

<div><p>16</p><p>FD. 1914 U.S.G.L.O. BC.</p></div>	<div><p>17 OPERATOR CERTIFICATION</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 Cole</i> Signature Peggy Cole Printed Name Regulatory Administrator Title 10-19-99 Date</p></div>
<div><p>18</p><p>DATE OF SURVEY Signature of Professional Surveyor 8894 Certificate Number</p></div>	

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #69M
Location: 1519' FSL, 1815' FEL, Sec 33, T-28-N, R-5-W
Rio Arriba County, NM
Latitude 36° 36.9, Longitude 107° 21.7
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6618' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2765'	
Ojo Alamo	2765'	2951'	aquifer
Kirtland	2951'	3007'	gas
Fruitland	3007'	3440'	gas
Pictured Cliffs	3440'	3550'	gas
Lewis	3550'	4059'	gas
Intermediate TD	3650'		
Mesa Verde	4059'	4399'	gas
Chacra	4399'	5127'	gas
Massive Cliff House	5127'	5281'	gas
Menefee	5281'	5607'	gas
Massive Point Lookout	5607'	6125'	gas
Mancos	6125'	6786'	gas
Gallup	6786'	7545'	gas
Greenhorn	7545'	7598'	gas
Graneros	7598'	7643'	gas
Dakota	7643'		gas
TD (4 1/2" liner)	7875'		

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- 3650'	LSND	8.4-9.0	30-60	no control
3650- 7875'	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' - 3650'	7"	20.0#	J-55
6 1/4"	3550' - 7875'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7875' 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. 69M

SE/4 SEC. 33, T-28-N, R-5-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

1519' FSL

1815' FEL

