

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
950' FSL, 950' FEL
Latitude 36° 39.4, Longitude 107° 30.1

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

15. Distance from Proposed Location to Nearest Property or Lease Line
950'

16. Acres in Lease

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

19. Proposed Depth
7923'

21. Elevations (DF, FT, GR, Etc.)
6664' GR

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

5. Lease Number
SF-080430B
Unit Reporting Number

6. If Indian, All. or Tribe

Unit Agreement Name
San Juan 28-6 Unit

8. Farm or Lease Name
San Juan 28-6 Unit

9. Well Number
212M

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

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 18, T-28-N, R-6-W
API # 30-039-26268

12. County
Rio Arriba

13. State
NM

17. Acres Assigned to Well
320 E/2

20. Rotary or Cable Tools
Rotary

22. Approx. Date Work will Start
11-11-99

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

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.

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NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

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

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26268	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 212M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6664'

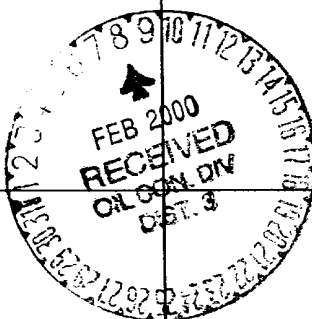
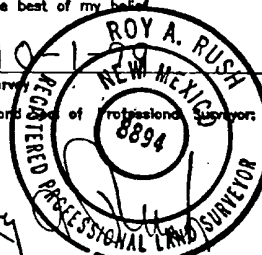
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	28-N	6-W		950	SOUTH	950	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 E/320	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

<div><p>16</p><p>18</p><p>NMSF-080430</p><p>SF-080430-B</p><p>LAT. = 36° 39.4' N. LONG. = 107° 30.1' W.</p><p>950'</p><p>950'</p><p>FD. U.S.G.L.O. BC. 1914</p><p>S 89-48-52 W 2631.68' (M) FD. U.S.G.L.O. BC. 1914</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 11-11-99 Date</p><p>18 SURVEYOR CERTIFICATION</p><p>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>10-1-99 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor 8894 Certificate Number</p></div>
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OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #212M
Location: 950' FSL, 950' FEL, Sec 18, T-28-N, R-6-W
Rio Arriba County, NM
Latitude 36° 39.4, Longitude 107° 30.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6664' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2652'	
Ojo Alamo	2652'	2752'	aquifer
Kirtland	2752'	3036'	gas
Fruitland	3036'	3451'	gas
Pictured Cliffs	3451'	3608'	gas
Lewis	3608'	4056'	gas
Intermediate TD	3708'		
Mesa Verde	4056'	4416'	gas
Chacra	4416'	5100'	gas
Massive Cliff House	5100'	5276'	gas
Menefee	5276'	5622'	gas
Massive Point Lookout	5622'	6136'	gas
Mancos	6136'	6861'	gas
Gallup	6861'	7593'	gas
Greenhorn	7593'	7655'	gas
Graneros	7655'	7705'	gas
Dakota	7705'		gas
TD (4 1/2" liner)	7923'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface
Cores - 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- 3708'	LSND	8.4-9.0	30-60	no control
3708- 7923'	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' - 3708'	7"	20.0#	J-55
6 1/4"	3608' - 7923'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7923' 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 & GAS COMPANY

SAN JUAN 28-6 UNIT No. 212M

SE/4 SECTION 18, T-28-N, R-6-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

950' FSL 950' FEL

