

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
665' FNL, 1655' FWL
Latitude 36° 35' 6", Longitude 107° 23' 1"

5. Lease Number
SF-079391

6. If Indian, All. or Tribe

7. Unit Agreement Name
San Juan 27-5 Unit

8. Farm or Lease Name
San Juan 27-5 Unit

9. Well Number
112M

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

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 8, T-27-N, R-5-W
API # 30-039-

12. County
Rio Arriba

13. State
NM

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

15. Distance from Proposed Location to Nearest Property or Lease Line
665'

16. Acres in Lease

17. Acres Assigned to Well
W/ 320 W/2 320

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1500'

19. Proposed Depth
7852'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6633'

22. Approx. Date Work will Start
11-24-98

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

RECEIVED BLM 98 DEC 14 PM 1:39 070 FARMINGTON, NM
RECEIVED MAR 12 1999 OIL CON. DIV. DIST. 3
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

PERMIT NO. _____ APPROVAL DATE MAR 10 1999
APPROVED BY /s/ Duane W. Spencer TITLE Team Lead, Petroleum Management DATE MAR 10 1999

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.

HOLD C104 FOR DAKOTA NSL
SUCCO

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

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

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

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

98 DEC 14 PM 1:39 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26044	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 112M
*CGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6633'

10 Surface Location

UL or lot no. C	Section 8	Township 27N	Range 5W	Lot Idn	Feet from the 665	North/South line NORTH	Feet from the 1655	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
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12 Dedicated Acres MV-W/320 DK-W/320	13 Joint or Infill	14 Consolidation Code	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	5215.32'	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 Date
2647.26'	Reissued to show correct location	
2618.88'	8	5373.72'
2691.48'	2673.00'	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. Revised November 10, 1998 JULY 29, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE EDWARDS NEW MEXICO 6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #112M
Location: 665' FNL, 1655' FWL, Sec 8, T-27-N, R-5-W
 Rio Arriba County, NM
 Latitude 36° 35' 6", Longitude 107° 23' 1"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6633' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2737'	
Ojo Alamo	2737'	2943'	aquifer
Kirtland	2943'	3030'	gas
Fruitland	3030'	3424'	gas
Pictured Cliffs	3424'	3520'	gas
Lewis	3520'	3964'	gas
Intermediate TD.	3620'		
Mesa Verde	3964'	4384'	gas
Chacra	4384'	5091'	gas
Massive Cliff House	5091'	5289'	gas
Menefee	5289'	5585'	gas
Massive Point Lookout	5585'	6096'	gas
Mancos	6096'	6779'	gas
Gallup	6779'	7530'	gas
Greenhorn	7530'	7588'	gas
Graneros	7588'	7704'	gas
Dakota	7704'		gas
TD (4 1/2" liner)	7852'		

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
200-3620'	LSND	8.4-9.0	30-60	no control
3620-7852'	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#	H-40
8 3/4"	0' - 3620'	7"	20.0#	J-55
6 1/4"	3520' - 7852'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7852'	2 3/8"	4.70# EUE
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BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #112M

665' FNL & 1655' FWL, SECTION 8, T27N, R5W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NE/NW SECTION 8, T27N, R5W.

