

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

5. Lease Number
SF-079399
Unit Reporting Number

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

7. Unit Agreement Name
San Juan 27-5 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

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

9. Well Number
79M

4. Location of Well
1010' ENL, 790' ENL
Latitude 36° 32.9', Longitude 107° 21.1'

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

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

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

12. County
Rio Arriba

13. State
NM

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

16. Acres in Lease

17. Acres Assigned to Well
MV - 300.51, DK-284.64

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
700'

19. Proposed Depth
7673'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6470 GR

22. Approx. Date Work will Start
10/2/98

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

Date
10/2/98

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

DATE MAR 17 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.

NMOCD

District II
PO Drawer DD, Artesia, NM 86211-0719

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

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

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

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

2088 BLM
98 NOV 23 PM 1:56

AMENDED REPO

WELL LOCATION AND ACREAGE DEDICATION NM

'API Number	'Pool Code	'Pool Name
30-039- 26019	72319/71599	Blanco Mesaverde/Basin Dakota
'Property Code	'Property Name	'Well Number
7454	SAN JUAN 27-5 UNIT	79M
'OGRID No.	'Operator Name	'Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	5470'

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
D	27	27N	5W		1010	NORTH	790	WEST	RIO ARRIE

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/300.51 DK-N/284.64	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

15

5271.42'

1010'

790'

2280.96'

5

6

7

8

27

2573.34'

NMSF-079394

4792.26'

11

12

5412.66'

NMSF-079403

1

2

3

4

RECEIVED

MAR 22 1999

OIL CON. DIV.

DIV. 3

17 OPERATOR CERTIFICATION

I hereby certify that the information contained here is true and complete to the best of my knowledge and belief.

Peggy Bradfield

Signature

Peggy Bradfield

Printed Name

Regulatory Administrator

Title

10/2/98

Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this map was plotted from field notes of actual surveys made on or under my supervision and that the same is true and correct to the best of my belief.

JULY 28, 1998

Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS

NEW MEXICO

6857

6857

Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #79M
Location: 1010' FNL, 790' FWL, Sec 27, T-27-N, R-5-W
 Rio Arriba County, NM
 Latitude 36° 32.9, Longitude 107° 21.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6470' SL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2618'	
Ojo Alamo	2618'	2782'	aquifer
Kirtland	2782'	2831'	gas
Fruitland	2831'	3234'	gas
Pictured Cliffs	3234'	3334'	gas
Lewis	3334'	3708'	gas
Intermediate TD	3434'		
Mesa Verde	3708'	4206'	gas
Chacra	4206'	4889'	gas
Massive Cliff House	4889'	5020'	gas
Menefee	5020'	5373'	gas
Massive Point Lookout	5373'	5885'	gas
Mancos	5885'	6559'	gas
Gallup	6559'	7343'	gas
Greenhorn	7343'	7402'	gas
Graneros	7402'	7522'	gas
Dakota	7522'		gas
TD (4 1/2" liner)	7673'		

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
200-3434'	LSND	8.4-9.0	30-60	no control
3434-7673'	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#	K-55
8 3/4"	0' - 3434'	7"	20.0#	J-55
6 1/4"	3334' - 7673'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7673' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT =79M

1010' FNL & 790' FWL, SECTION 27, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW BLM CONSTRUCTION
NWNW SECTION 27, T27N, R5W

