

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

5. Lease Number
SF-080669
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 27-4 Unit

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

8. Farm or Lease Name
San Juan 27-4 Unit

9. Well Number
47M

4. Location of Well
1580' FNL, 885' FWL
Latitude 36° 33' 7", Longitude 107° 16' 7"

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

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 20, T-27-N, R-4-W
API # 30-039-26017

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

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
885'

16. Acres in Lease

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

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1600'

19. Proposed Depth
8111'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6817' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
10-23-98
Date

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.

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form U-1
Revised February 21, 1998
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

RECEIVED
BLM

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

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

98 NOV 18 PM 12:50

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION, NM

*API Number 30-039-26017		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT		*Well Number 47M
*GRID No. 14533	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6817'

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
E	20	27N	4W		1580	NORTH	885	WEST	RIO ARRI

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-W/320 DK-N/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



¹⁷ OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

10-25-98
Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this 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.

AUGUST 5, 1998
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
RECORDS
6857
Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-4 Unit #47M
Location: 1580' FNL, 885' FWL, Sec 20, T-27-N, R-4-W
Rio Arriba County, NM
Latitude 36° 33' 7", Longitude 107° 16' 7"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6817' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3142'	
Ojo Alamo	3142'	3241'	aquifer
Kirtland	3241'	3283'	gas
Fruitland	3283'	3648'	gas
Pictured Cliffs	3648'	3781'	gas
Lewis	3781'	4156'	gas
Intermediate TD	3881'		
Mesa Verde	4156'	4651'	gas
Chacra	4651'	5373'	gas
Massive Cliff House	5373'	5513'	gas
Menefee	5513'	5831'	gas
Massive Point Lookout	5831'	6362'	gas
Mancos	6362'	7006'	gas
Gallup	7006'	7795'	gas
Greenhorn	7795'	7854'	gas
Graneros	7854'	7966'	gas
Dakota	7966'		gas
TD (4 1/2" liner)	8111'		

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
200-3881'	LSND	8.4-9.0	30-60	no control
3881-8111'	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' - 3881'	7"	20.0#	J-55
6 1/4"	3781' - 8111'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 8111' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-4 UNIT =47M

1580' FNL & 885' FWL, SECTION 20, T27N, R4W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO

