

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-079491
Unit Reporting Number

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON RESOURCES Oil & Gas Company
Unit Agreement Name *7454*
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
106M

4. Location of Well
930' FNL, 1605' FWL
Latitude 36° 36'5" Longitude 107° 18'8"

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

11. Sec., Twn, Rge, Mer. (NMPM)
C Sec. 1, T-27-N, R-5-W
API # 30-039- *26036*

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
930'

16. Acres in Lease

17. Acres Assigned to Well
320.36 N/2 & 320.28 W/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1200'

19. Proposed Depth
8694' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
7410' GR

22. Approx. Date Work will Start
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: *Leann Snodgrass*
Regulatory/Compliance Administrator
Date *10-23-98*

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.

NMOCD

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10
Revised February 21, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

98 DEC -7 PM 1:27

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- <i>26036</i>	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	⁶ Well Number 106M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 7410'

¹⁰ Surface Location

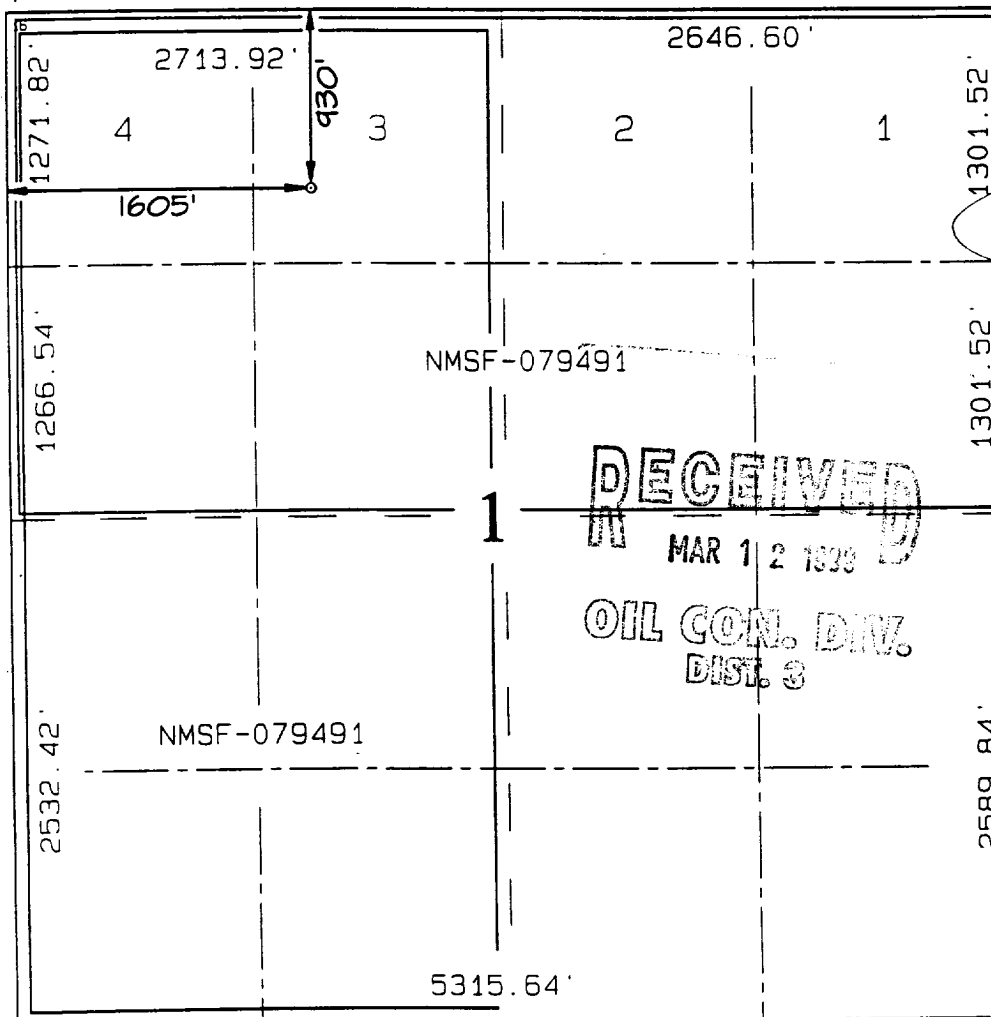
UL or lot no. C	Section 1	Township 27N	Range 5W	Lot Idn	Feet from the 930	North/South line NORTH	Feet from the 1605	East/West line WEST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

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/320.28 DK-N/320.36	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



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 plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief.

JULY 30, 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 #106M
Location: 930' FNL, 1605' FWL, Sec 1, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 36' 5", Longitude 107° 18' 8"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 7410' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3683'	
Ojo Alamo	3683'	3839'	aquifer
Kirtland	3839'	3896'	gas
Fruitland	3896'	4271'	gas
Pictured Cliffs	4271'	4361'	gas
Lewis	4361'	4861'	gas
Intermediate TD	4461'		
Mesa Verde	4861'	5234'	gas
Chacra	5234'	5976'	gas
Massive Cliff House	5976'	6116'	gas
Menefee	6116'	6444'	gas
Massive Point Lookout	6444'	6961'	gas
Mancos	6961'	7593'	gas
Gallup	7593'	8370'	gas
Greenhorn	8370'	8430'	gas
Graneros	8430'	8553'	gas
Dakota	8553'		gas
TD (4 1/2" liner)	8694'		

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
200-4461'	LSND	8.4-9.0	30-60	no control
4461-8694'	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' - 4461'	7"	20.0#	J-55
6 1/4"	4361' - 8694'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 8694' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #106M

930' FNL & 1605' FNL, SECTION 1, T27N, R5W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NE/NW SECTION 1, T27N, R5W

