

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

55 MAR 17 PM 1:19
070 FARMINGTON, NM

1a. Type of Work
DRILL

5. Lease Number
SF-079050A
Unit Reporting Number
DK - 891001051B
MV - 8910010510
If Indian, All. or Tribe

1b. Type of Well
GAS

7. Unit Agreement Name
7462
San Juan 28-6 Unit

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

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

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

9. Well Number
148M

4. Location of Well
895' FSL, 990' FEL,
Latitude 36° 37.6, Longitude 107° 28.0

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

11. Sec., Twn, Rge, Mer. (NMPM)
P Sec. 28, T-28-N, R-6-W
API# 30-039-26140

14. Distance in Miles from Nearest Town
6 miles from Gobernador

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
895'

16. Acres in Lease

17. Acres Assigned to Well
320 E/2 E2/320

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
2000'

19. Proposed Depth
7839'

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.)
6577' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

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

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

Date
2-8-99

PERMIT NO. _____

APPROVAL DATE JUN 21 1999

APPROVED BY /s/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

DATE _____

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.

W.F.C.

NMCCD

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 DD, Artesia, NM 88211-0719

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

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

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

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

AMENDED REPORT

MAR 17 PM 1:19
070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 26140		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 148M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6577'

¹⁰ Surface Location

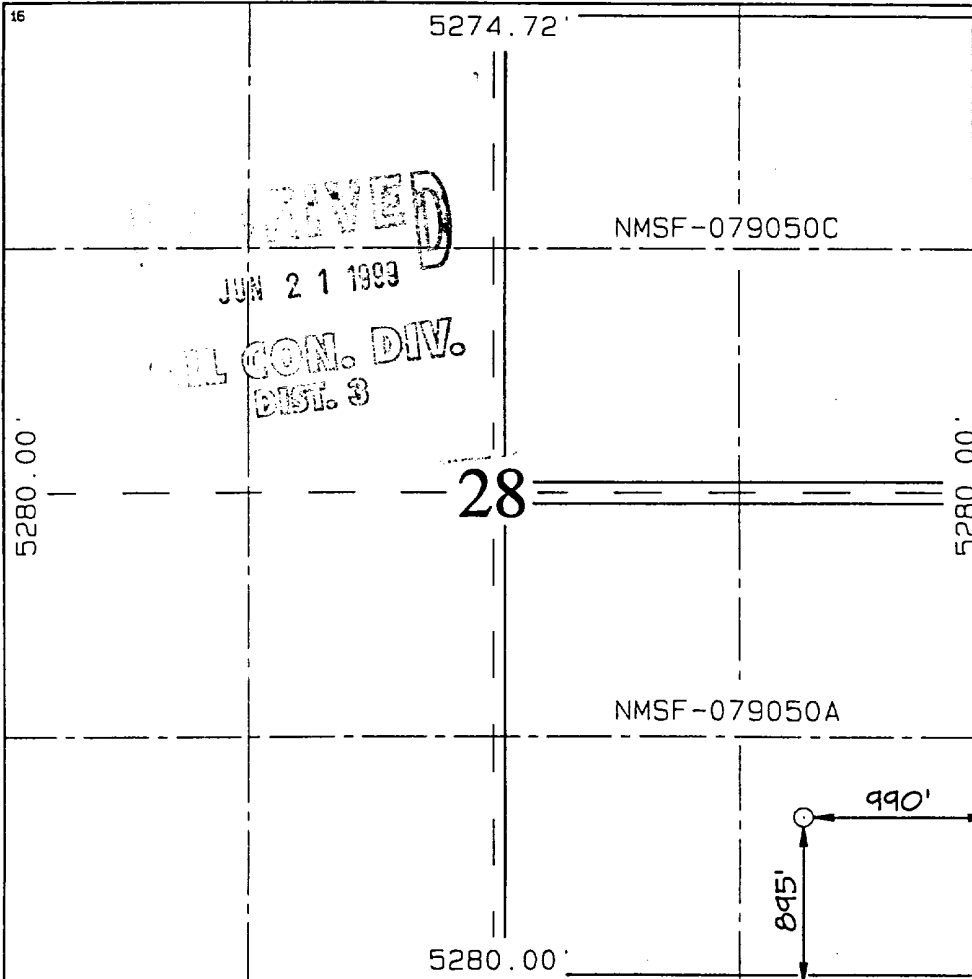
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	28N	6W		895	SOUTH	990	EAST	RIO ARRIBA

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 MV-E/320 DK-E/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



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradford
Signature
Peggy Bradford
Printed Name
Regulatory Administrator
Title
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 me or under my supervision and that the same is true and correct to the best of my belief.

JANUARY 11, 1999
Date of Survey
Neal C. Edwards
Signature and Seal of Professional Surveyor
NEAL C. EDWARDS
NEW MEXICO
6857
Certificate Number 6857

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #148M
Location: 895' FSL, 990' FEL, Sec 28, T-28-N, R-6-W
Rio Arriba County, NM
Latitude 36° 37.6, Longitude 107° 28.0
Formation: Blanco Mesa Verde/ Basin Dakota
Elevation: 6577' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2596'	
Ojo Alamo	2596'	2720'	aquifer
Kirtland	2720'	2961'	gas
Fruitland	2961'	3362'	gas
Pictured Cliffs	3362'	3503'	gas
Lewis	3503'	3905'	gas
Intermediate TD	3603'		
Mesa Verde	3905'	4295'	gas
Chacra	4295'	5017'	gas
Massive Cliff House	5017'	5164'	gas
Menefee	5164'	5535'	gas
Massive Point Lookout	5535'	6049'	gas
Mancos	6049'	6753'	gas
Gallup	6753'	7504'	gas
Greenhorn	7504'	7563'	gas
Graneros	7563'	7694'	gas
Dakota	7694'		gas
TD (4 1/2"liner)	7839'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface

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- 3603'	LSND	8.4-9.0	30-60	no control
3603- 7839'	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' - 3603'	7"	20.0#	J-55
6 1/4"	3503' - 7839'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7839' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-6 UNIT #148M

895' FSL & 990' FEL, SECTION 28, T28N, R6W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

600' NEW BLM CONSTRUCTION
200' SW/SE SECTION 28, T28N, R6W
400' SE/SE SECTION 28, T28N, R6W.

