

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 070 SF-079520, NM
1b. Type of Well GAS	Unit Reporting Number 891000949A-Dk 8910009490-MV
2. Operator BURLINGTON RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 28-5 Unit
4. Location of Well 1335' FNL, 465' FWL Latitude 36° 39.0, Longitude 107° 19.1	8. Farm or Lease Name San Juan 28-5 Unit
	9. Well Number 92M
	10. Field, Pool, Wildcat Blanco MV/Basin Dk
	11. Sec., Twn, Rge, Mer. (NMPM) Sec 24, T-28-N, R-5-W
	API # 30-039-26181
14. Distance in Miles from Nearest Town 4 miles to Gobernador	12. County RA
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 465'	
16. Acres in Lease	17. Acres Assigned to Well 343.91 MV, 220 Dk
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1600'	
19. Proposed Depth 8839'	20. Rotary or Cable Tools Rotary
	22. Approx. Date Work will Start
21. Elevations (DF, FT, GR, Etc.) 7295' GR	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <i>[Signature]</i> Regulatory/Compliance Administrator	Date 6-19-98

PERMIT NO. _____

APPROVAL DATE **MAY 13 1999**

APPROVED BY _____

TITLE _____

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.

HOLD C104 FOR *[Signature]*

NMOCD

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

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

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

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

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

☐ AMENDED REPORT

10 OCT 21 PM 1:29

WELL LOCATION AND ACREAGE DEDICATION PLAT.

API Number 30-039-26181		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7460	Property Name SAN JUAN 28-5 UNIT		Well Number 92M
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 7452'

10 Surface Location

UL or lot no. E	Section 24	Township 28N	Range 5W	Lot Idn	Feet from the 1700	North/South line NORTH	Feet from the 90	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
Dedicated Acres MV-N/343.91 DK-W/320		Joint or Infill		Consolidation Code		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

2640.00'		1320.00'	1710.06'
1700'		1	
NMSF-079519		NMSF-079519	
Reissued to show revised location		2	
90'		NMSF-079520	
5280.00'		24	
NMSF-079520		5272.74'	
2640.00'		1320.00'	1727.88'

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
10-20-98
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 me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 6, 1998
Date of Survey
Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
NEW MEXICO
6857
6857
Certificate Under

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #92M
Location: 1335' FNL, 465' FWL Sec 24, T-28-N, R-5-W
Rio Arriba County, NM
Latitude 36° 39.0, Longitude 107° 19.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 7395' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3699'	
Ojo Alamo	3699'	3852'	aquifer
Kirtland	3852'	3934'	
Fruitland	3934'	4340'	gas
Pictured Cliffs	4340'	4452'	gas
Lewis	4452'	5027'	gas
Intermediate TD	4552'		
Huerfanito Bentonite	5027'	5338'	gas
Chacra	5338'	6141'	
Massive Cliff House	6141'	6219'	gas
Menefee	6219'	6525'	gas
Massive Point Lookout	6525'	7059'	gas
Mancos Shale	7059'	7747'	
Gallup	7747'	8504'	gas
Greenhorn	8504'	8564'	gas
Dakota	8564'		gas
TD (4 1/2" liner)	8839'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

Coring: sidewall coring in Lewis 4100-5600'; Mancos 6300-8200'

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
200-4552'	LSND	8.4-9.0	30-60	no control
4552-8839'	Gas/Air	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 4552'	7"	20.0#	J-55
6 1/4"	4452' - 8839'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 8839' 2 3/8" 4.70# EUE

1335' FNL & 465' FWL, SECTION 24, T28N, R5W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO

1100' NEW BLM CONSTRUCTION
SWNW SECTION 24, T28N, R5W

