

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-079520
1b. Type of Well GAS	Unit Reporting Number
2. Operator BURLINGTON RESOURCES 14538	Oil & Gas Company
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 28-5 Unit 7460
4. Location of Well 1730' FNL, 1850' FWL Latitude 36° 38.1, Longitude 107° 20.9	8. Farm or Lease Name San Juan 28-5 Unit
	9. Well Number 77M
	10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71599
	11. Sec., Twn, Rge, Mer. (NMPM) F Sec 27, T-28-N, R-5-W
	API # 30-039- 25936
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 1730'	
16. Acres in Lease	17. Acres Assigned to Well 320 N/2 320 N/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1600'	
19. Proposed Depth 8085	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6774' 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: <u><i>Debra Beahm</i></u> Regulatory/Compliance Administrator	Date <u>4-25-98</u>

PERMIT NO. _____

APPROVAL DATE JUL 31 1998

APPROVED BY /S/ Duane W. Spencer

TITLE _____

DATE JUL 31 1998

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.

DA

NMOCD

This action is subject to technical and
procedural review pursuant to 43 CFR 2.20
and appeal pursuant to 43 CFR 2.206.

GENERAL COMMENTS:
SUBJECT TO COMPLIANCE WITH ATTACHED
SCHEDULE OF CHANGES AUTHORIZED ARE

XXXXXX

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 2038, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-10
Revised February 21, 1998
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25936		Pool Code 72319/71599		Pool Name Blanco Mesaverde/ Basin Dakota	
Property Code 7460		Property Name SAN JUAN 28-5 UNIT			Well Number 77M
GRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6774'

10 Surface Location

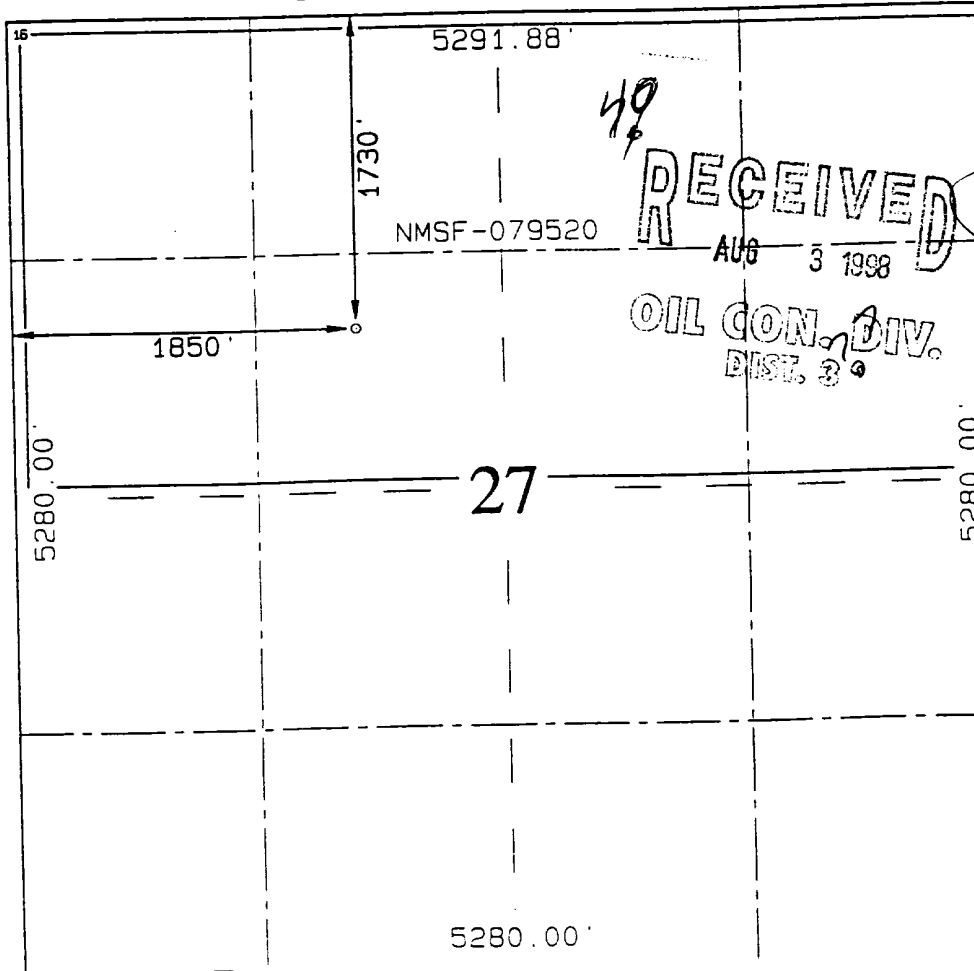
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	28N	5W		1730	NORTH	1850	WEST	RIO ARriba

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

Dedicated Acres MV-N/320, DK-N/320		Joint or Infill	Consolidation Code	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
4-25-98
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.

FEBRUARY 11, 1998
Date of Survey
Signature and Seal of Registered Surveyor
NEALE C. EDWARDS
NEW MEXICO
6867
Certification Number

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #77M
Location: 1730' FNL, 1850' FWL Sec 27, T-28-N, R-5-W
Rio Arriba County, NM
Latitude 36° 38.1, Longitude 107° 20.9
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6774' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2939'	
Ojo Alamo	2939'	3127'	aquifer
Kirtland	3127'	3238'	
Fruitland	3238'	3648'	gas
Pictured Cliffs	3648'	3754'	gas
Lewis	3754'	4311'	gas
Intermediate TD	3854'		
Huerfanito Bentonite	4311'	4612'	gas
Chacra	4612'	5408'	
Massive Cliff House	5408'	5494'	gas
Menefee	5494'	5776'	gas
Massive Point Lookout	5776'	7012'	gas
Gallup	7012'	7750'	gas
Greenhorn	7750'	7900'	gas
Dakota	7900'		gas
TD (4 1/2" liner)	8085'		

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
200-3854'	LSND	8.4-9.0	30-60	no control
3854-8085'	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' - 3854'	7"	20.0#	J-55
6 1/4"	3754' - 8085'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 8085' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-5 UNIT #77M

1730' FNL & 1850' FWL, SECTION 27, T28N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

400' NEW FEE CONSTRUCTION
400' SE/NW SECTION 27, T28N, R5W

