

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-079392
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name San Juan 27-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name San Juan 27-5 Unit
4. Location of Well 835' FSL, 1635' FEL Latitude 36° 33.2, Longitude 107° 22.7	9. Well Number 131M
10. Field, Pool, Wildcat Blanco MV/Basin Dk	11. Sec., Twn, Rge, Mer. (NMPM) O Sec 20, T-27-N, R-5-W API # 30-039-
14. Distance in Miles from Nearest Town 10 miles to Gobernador	12. County RA
15. Distance from Proposed Location to Nearest Property or Lease Line 835'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500'	19. Proposed Depth 7695'
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	
21. Elevations (DF, FT, GR, Etc.) 6505' 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: <u>[Signature]</u> Regulatory/Compliance Administrator	Date <u>5-9-98</u>

PERMIT NO. _____ APPROVAL DATE AUG 12 1998
APPROVED BY /S/ Duane W. Spencer TITLE _____ DATE AUG 12 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.

ACCEPTED FOR RECORD

FARMINGTON DISTRICT OFFICE

BY

NMCOO

District I
PO Box 1990, Hobbs, NM 88241-1990

District II
PO Drawer 00, 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-
Revised February 21, 1998
Instructions on
State Lease - 4 Co
Fee Lease - 3 Co

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

RECEIVED
BLM

98 JUN -8 PM 4:12 AMENDED REPC

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAN

*API Number 30-039-25934	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 131M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6505'

10 Surface Location

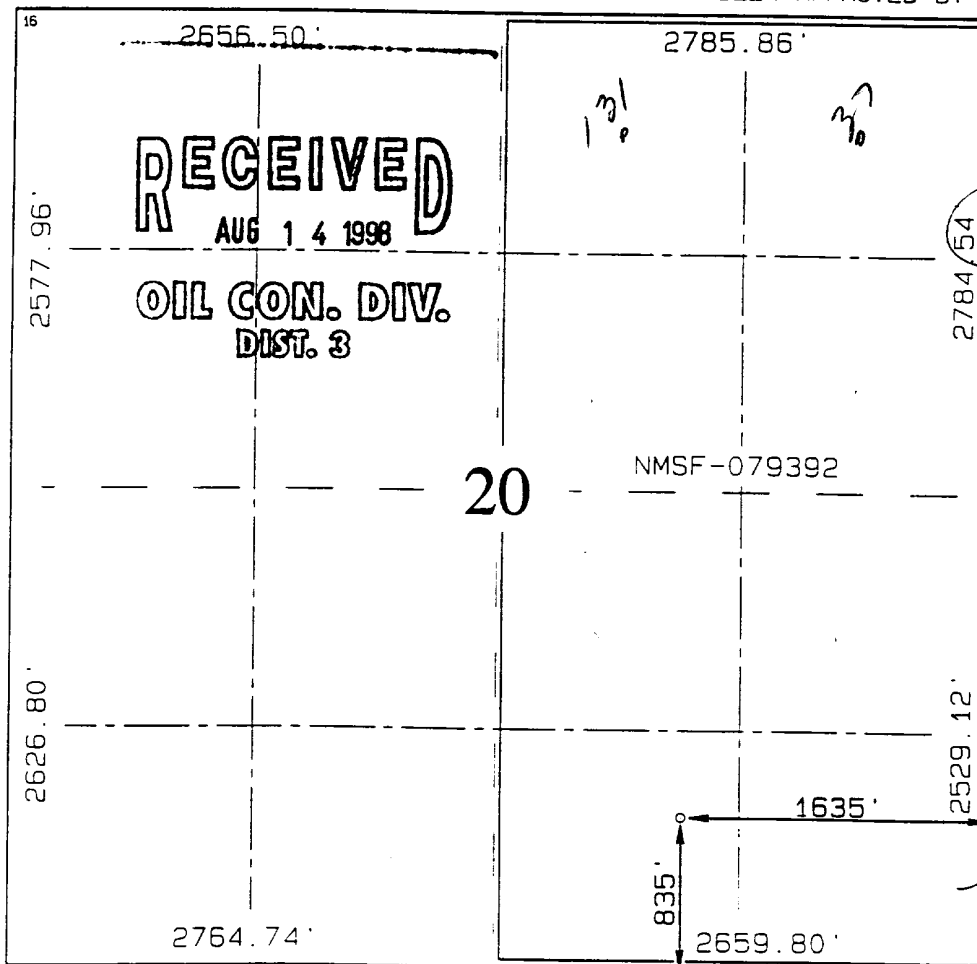
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	27N	5W		835	SOUTH	1635	EAST	RIO ARRI

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-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.

Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
5-9-98
Date

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this 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.

APRIL 8, 1998
Date of Survey
Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
NEW MEXICO
6857
Certificated Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #131M
Location: 835' FSL, 1635' FEL Sec 20, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 33.2, Longitude 107° 22.7
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6505' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2645'	
Ojo Alamo	2645'	2791'	aquifer
Kirtland	2791'	2805'	
Fruitland	2806'	3285'	gas
Pictured Cliffs	3285'	3363'	gas
Lewis	3363'	3725'	gas
Intermediate TD	3463'		
Huerfanito Bentonite	3725'	4247'	gas
Chacra	4247'	4922'	
Massive Cliff House	4922'	5040'	gas
Menefee	5040'	5448'	gas
Massive Point Lookout	5448'	5925'	gas
Mancos Shale	5925'	6605'	
Gallup	6605'	7382'	gas
Greenhorn	7382'	7532'	gas
Dakota	7532'		gas
TD (4 1/2" liner)	7695'		

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
200-3463'	LSND	8.4-9.0	30-60	no control
3463-7695'	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' - 3463'	7"	20.0#	J-55
6 1/4"	3363' - 7695'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7695' 2 3/8" 4.70# EUE

835' FSL & 1635' FEL, SECTION 20, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

NO NEW CONSTRUCTION
SW/SE SECTION 20, T27N, R5W

