

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
BLM
98 MAY 21 PM 2:02

1a. Type of Work DRILL	5. Lease Number SF-079491A
1b. Type of Well GAS	Unit Reporting Number
2. Operator BURLINGTON RESOURCES	6. If Indian, All. or Tribe
14538 OIL CON. DIV. DIST. 3 Oil & Gas Company	7. Unit Agreement Name 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
4. Location of Well 1695' FSL, 2325' FEL R-10936 Latitude 36° 35.1, Longitude 107° 20.7	9. Well Number 101B
10. Field, Pool, Wildcat Blanco Mesa Verde	11. Sec., Twn, Rge, Mer. (NMPM) J Sec 10, T-27-N, R-5-W API # 30-039- 25889
14. Distance in Miles from Nearest Town 7 miles to Gobernador	12. County RA
15. Distance from Proposed Location to Nearest Property or Lease Line 1695'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 8/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1200'	20. Rotary or Cable Tools Rotary
19. Proposed Depth 6654'	21. Elevations (DF, FT, GR, Etc.) 7252' GR
22. Approx. Date Work will Start	23. Proposed Casing and Cementing Program See Operations Plan attached
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	5-9-98 Date

PERMIT NO. _____ APPROVAL DATE JUN 11 1998
APPROVED BY [Signature] TITLE [Signature] DATE JUN 11 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.

12-10936 (2)

NMOCD

District I
PO Box 1990, 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

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

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

98 MAY 21 PM 2:02 ENDED REPO

070 FARMINGTON, NM
WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 25889		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 101B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 7252'

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
J	10	27N	5W		1695	SOUTH	2325	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 8/320	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

15	5327.52'	10	NMSF-079491A	2325'	5381.64'	1695'	5353.92'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 5-9-98 Date		
	5406.72'								16	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. APRIL 1, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 76853 76853 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #101B
Location: 1695'FSL, 2325'FEL Section 10, T-27-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 35.1, Longitude 107° 20.7
Formation: Blanco Mesa Verde
Elevation: 7252'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3449'	aquifer
Ojo Alamo	3449'	3664'	aquifer
Fruitland	3664'	4089'	
Pictured Cliffs	4089'	4204'	gas
Lewis	4204'	4564'	gas
Intermediate TD	4304'		
Huerfanito Bentonite	4564'	5039'	
Chacra	5039'	5749'	
Massive Cliff House	5749'	5904'	gas
Menefee	5904'	6254'	gas
Massive Point Lookout	6254'		gas
Total Depth	6654'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring/DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 500'	Spud	8.4-9.0	40-50	no control
500-4304'	LSND	8.4-9.0	30-60	no control
4304-6654'	Gas/Mist	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' - 500'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4304'	7"	20.0#	J-55
6 1/4"	4204' - 6654'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6654' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #101B

1695' FSL & 2325' FEL, SECTION 10, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

1000' NEW BLM CONSTRUCTION
400' SE/SW SECTION 10, T27N, R5W
300' NE/SW SECTION 10, T27N, R5W &
300' NW/SE SECTION 10, T27N, R5W

