

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED APR 20 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-079391
1b. Type of Well GAS		Unit Reporting Number 9077
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 87499 (505) 326-9700		8. Farm or Lease Name 7454 San Juan 27-5 Unit 9. Well Number 2B
4. Location of Well 1980' FSL, 2615' FEL Latitude 36° 35.2, Longitude 107° 21.8		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) J Sec 9, T-27-N, R-5-W AP# 30-039-25830
14. Distance in Miles from Nearest Town 7 miles to Gobernador		12. County Rio Arriba
		13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1980'		
16. Acres in Lease DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"		17. Acres Assigned to Well E/2 320
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1200'		
19. Proposed Depth 7310'	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.) 7298' GR		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized By: <u><i>[Signature]</i></u> Regulatory/Compliance Administrator		<u>1/2/98</u> Date

PERMIT NO. _____

APPROVAL DATE APR 27 1998

APPROVED BY _____

TITLE _____

DATE _____

Archaeological Report submitted

Threatened and Endangered Species Report submitted

IR-10936 A

NMCCD

District I
PO Box 1980, Hobbs, NM 88241-1980

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, 19

Instructions on b
Submit to Appropriate District Off
State Lease - 4 Cop
Fee Lease - 3 Cop

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

☐ AMENDED REPOF

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25830	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7454	Property Name SAN JUAN 27-5 UNIT	Well Number 2B
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 7298'

10 Surface Location

UL or lot no. J	Section 9	Township 27N	Range 5W	Lot Idn	Feet from the 1980	North/South line South	Feet from the 2615	East/West line East	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
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12 Dedicated Acres 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

16	5360.52'	17 OPERATOR CERTIFICATIO
RECEIVED APR 20 1998 OIL CON. DIV. DIST. 3	NMSF-079391	I hereby certify that the information contained herein true and complete to the best of my knowledge and bel.
5373.06'	9	Signature Peggy Bradfield
	2615'	Printed Name Regulatory Administrator
	1980'	Title 1/2/98
	5314.98'	Date
		18 SURVEYOR CERTIFICATIO
		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.
		OCTOBER 30, 1997
		Date of Survey
		Signature and Seal of Professional Surveyor
		NEALE C. EDWARDS NEW MEXICO 6857
		6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #2B
Location: 1980' FSL, 2615' FEL Section 9, T-27-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 35.2, Longitude 107° 21.8
Formation: Blanco Mesa Verde
Elevation: 7298' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3465'	aquifer
Ojo Alamo	3465'	3670'	aquifer
Fruitland	3670'	4115'	
Pictured Cliffs	4115'	4220'	gas
Lewis	4220'	4610'	gas
Intermediate TD	4320'		
Huerfanito Bentonite	4610'	5065'	
Chacra	5065'	5770'	
Massive Cliff House	5770'	5935'	gas
Menefee	5935'	6280'	gas
Massive Point Lookout	6280'		gas
TD -4 1/2" liner	6680'		

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- 200'	Spud	8.4-9.0	40-50	no control
200-4320'	LSND	8.4-9.0	30-60	no control
4320-6680'	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' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4320'	7"	20.0#	J-55
6 1/4"	4220' - 6680'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6680'	2 3/8"	4.7#	J-55
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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.

