

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 MAR 26 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-079491A Unit Reporting Number
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 87499 (505) 326-9700		8. Farm or Lease Name 7454 San Juan 27-5 Unit 9. Well Number 113C
4. Location of Well 1490' FSL, 690' FWL Latitude 36° 35.1, Longitude 107° 21.1		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) L Sec 10, T-27-N, R-5-WW API # 30-039-25813
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 690'		
16. Acres in Lease		17. Acres Assigned to Well 320 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 400'		
19. Proposed Depth 6708'	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.) 7311'		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><i>Duane W. Spencer</i></u> Regulatory/Compliance Administrator		<u>1/5/98</u> Date

PERMIT NO. _____

APPROVAL DATE **MAR 24 1998**

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE **MAR 24 1998**

Archaeological Report submitted
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

16-10934

NMOCD

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

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

Form C-102
Revised February 21, 1994
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 30-039-25813		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 113C
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 7311'

¹⁰ Surface Location

UL or lot no. L	Section 10	Township 27N	Range 5W	Lot Idn	Feet from the 1490	North/South line South	Feet from the 690	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
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¹² Dedicated Acres N/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 5406.72' 5327.52' 5381.64' 5353.92' 690' 1490' 10 NMSF-079491A RECEIVED MAR 26 1998 OIL CON. DIV. DIST. 3	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 Date 1/5/98
	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 23 1997 Date of Survey Signature and Title 6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #113C
Location: 1490' FSL, 690' FWL Section 10, T-27-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 35.1, Longitude 107° 21.1
Formation: Blanco Mesa Verde
Elevation: 7311' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3500'	aquifer
Ojo Alamo	3500'	3698'	aquifer
Fruitland	3698'	4144'	
Pictured Cliffs	4144'	4263'	gas
Lewis	4263'	4623'	gas
Intermediate TD	4363'		
Huerfanito Bentonite	4623'	5093'	
Chacra	5093'	5812'	
Massive Cliff House	5812'	5967'	gas
Menefee	5967'	6308'	gas
Massive Point Lookout	6308'		gas
Total Depth	6708'		

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
200-4363'	LSND	8.4-9.0	30-60	no control
4363-6708'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4363'	7"	20.0#	J-55
6 1/4"	4263' - 6708'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6708' 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.

