


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-079393 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 258 ✓
4. Location of Well 1090' FSL, 490' FWL Latitude 36° 35.9, Longitude 107° 21.2	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde ✓ 11. Sec., Twn, Rge, Mer. (NMPM) Sec 3, T-27-N, R-5-W ✓ API # 30-039-25799 ✓
14. Distance in Miles from Nearest Town 6 miles to Gobernador	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 490'	17. Acres Assigned to Well W/2 319.36 ✓
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 550'	
19. Proposed Depth 5983'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6571' 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:  Regulatory/Compliance Administrator	1/2/98 Date

PERMIT NO. _____ APPROVAL DATE MAR 04 1998
APPROVED BY /s/ Duane W. Spencer TITLE _____ DATE MAR - 4 1998

Archaeological Report submitted
Threatened and Endangered Species Report submitted

HOLD C-104 FOR ASL ✓
A-10936 (In file Plot) NMOC

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer 00, Artesia, NM 88211-0719

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

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25799		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 258
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6571'

¹⁰ Surface Location

UL or lot no. M	Section 3	Township 27N	Range 5W	Lot Idn	Feet from the 1090	North/South line South	Feet from the 490	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 W/319.36	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 19-10736
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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

<p>4 3</p> <p>5324.88'</p> <p>2686.20'</p> <p>2696.10'</p> <p>490'</p> <p>1090'</p> <p>5327.52'</p> <p>2542.32'</p> <p>NMSF-079393</p> <p>3</p>		<p>RECEIVED MAR - 6 1998 OIL CON. DIV. DIST. 3</p>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature</p> <p>Peggy Bradfield Printed Name</p> <p>Regulatory Administrator Title</p> <p>1/2/98 Date</p>
		<p>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.</p> <p>OCTOBER 27, 1997 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR</p> <p>6857 Certificate Number</p>	

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #25B
Location: 1090' FSL, 490' FWL Section 3, T-27-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 35.9, Longitude 107° 21.2
Formation: Blanco Mesa Verde
Elevation: 6571' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2753'	aquifer
Ojo Alamo	2753'	3023'	aquifer
Fruitland	3023'	3408'	
Pictured Cliffs	3408'	3503'	gas
Lewis	3503'	3883'	gas
Intermediate TD	3603'		
Huerfano Bentonite	3883'	4363'	
Chacra	4363'	5083'	
Massive Cliff House	5083'	5233'	gas
Menefee	5233'	5583'	gas
Massive Point Lookout	5583'		gas
Total Depth	5983'		

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
200-3603'	LSND	8.4-9.0	30-60	no control
3603-5983'	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' - 3603'	7"	20.0#	J-55
6 1/4"	3503' - 5983'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5983' 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.

