

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-079403 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 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 9. Well Number 128M
4. Location of Well 810' FSL, 1850' FEL, Latitude 36° 32.5, Longitude 107° 20.6	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) O Sec. 27, T-27-N, R-5-W API # 30-039-26072
14. Distance in Miles from Nearest Town 9 miles from Gobernador	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 810'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well MV - 294.64 E/2 DK - 310.51 S/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 7789'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6602' 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)	12-23-98 Date

PERMIT NO. _____ APPROVAL DATE APR 1 1999
APPROVED BY /S/ Duane W. Spencer TITLE Team Lead, Petroleum Management DATE _____

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.

NMOC

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #128M
Location: 810' FSL, 1850' FEL, Sec 27, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 32.5, Longitude 107° 20.6
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6602' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2722'	
Ojo Alamo	2722'	2908'	aquifer
Kirtland	2908'	2945'	gas
Fruitland	2945'	3354'	gas
Pictured Cliffs	3354'	3449'	gas
Lewis	3449'	3831'	gas
Intermediate TD	3549'		
Mesa Verde	3831'	4328'	gas
Chacra	4328'	5001'	gas
Massive Cliff House	5001'	5123'	gas
Menefee	5123'	5509'	gas
Massive Point Lookout	5509'	5992'	gas
Mancos	5992'	6663'	gas
Gallup	6663'	7454'	gas
Greenhorn	7454'	7528'	gas
Graneros	7528'	7637'	gas
Dakota	7637'		gas
TD (4 1/2" liner)	7789'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface

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- 3549'	LSND	8.4-9.0	30-60	no control
3549- 7789'	Gas	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' - 3549'	7"	20.0#	J-55
6 1/4"	3449' - 7789'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7789' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #128M

810' FSL & 1850' FEL, SECTION 27, T27N, R5W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

600' NEW BLM CONSTRUCTION
SW/SE SECTION 27, T27N, R5W

