


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

97 JUL 28 PM 2:03

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

1a. Type of Work DRILL	RECEIVED SEP - 8 1997 OIL CON. DIV.	5. Lease Number SF-079391 Unit Reporting Number 891000950 - Dk 891000950A - MV	
1b. Type of Well GAS		6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	DIST. 3	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 70M	
4. Location of Well 900' FSL, 1605' FEL Latitude 36° 35.0, Longitude 107° 22.7		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71599 Basin Dakota 11. Sec, Twn, Rge, Mer. (NMPM) Sec 8, T-27-N, R-5-W API # 30-039-25725	
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 900'			
16. Acres in Lease		17. Acres Assigned to Well 320 E/2 E1320	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 100'			
19. Proposed Depth 7917'	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.) 6670' 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		6-30-97 Date	

PERMIT NO.

APPROVAL DATE

SEP 04 1997

APPROVED BY

TS/Duane W. Spencer

TITLE

DATE

SEP - 4 1997

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

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NMOCD

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #70M
Location: 900' FSL, 1605' FEL Sec 8, T-27-N, R-5-W
 Rio Arriba County, NM
 Latitude 36° 35.0, Longitude 107° 22.7
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6670' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2782'	
Ojo Alamo	2782'	3044'	aquifer
Fruitland	3044'	3462'	gas
Pictured Cliffs	3462'	3547'	gas
Lewis	3547'	3962'	gas
Intermediate TD	3647'		
Mesa Verde	3962'	4422'	gas
Chacra	4422'	5132'	
Massive Cliff House	5132'	5297'	gas
Menefee	5297'	5622'	gas
Massive Point Lookout	5622'	6807'	gas
Gallup	6807'	7562'	gas
Greenhorn	7562'	7667'	gas
Graneros	7667'	7774'	gas
Dakota	7774'		gas
TD (4 1/2" liner)	7917'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

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
200-3647'	LSND	8.4-9.0	30-60	no control
3647-7917'	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3647'	7"	20.0#	J-55
6 1/4"	3547' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7917'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7917' 2 3/8" 4.70# EUE

