

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

97 JAN 27 AM 9:50

1a. Type of Work
DRILL

RECEIVED
MAR 19 1997

5. Lease Number
SF-079522 FARMINGTON, NM
Unit Reporting Number
8910000949A-DK
89100009490-MV

1b. Type of Well
GAS

OIL CON. DIV.
DIST. 3

6. If Indian, All. or Tribe

2. Operator
**BURLINGTON
RESOURCES** Oil & Gas Company
145.38

7. Unit Agreement Name
San Juan 28-5 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name
7460 San Juan 28-5 Unit
9. Well Number
70M

4. Location of Well
790' FNL, 790' FWL

Latitude 36° 37.4', Longitude 107° 21.2'

10. Field, Pool, Wildcat
72319 Blanco Mesa Verde/
71599 Basin Dakota
11. Sec., Twn, Rge, Mer. (NMPM)
D Sec 34, T-28N, R-5-W
API # 30-039-26655

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
790'

16. Acres in Lease

17. Acres Assigned to Well
320 N/2 MV; 329.7 W/2 Dk

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
2500'

19. Proposed Depth
8030' 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.)
6767' 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: *Ryan Bradfield*
regulatory/Compliance Administrator

1-21-97
Date

PERMIT NO. _____ APPROVAL DATE MAR 19 1997

APPROVED BY *W. Spencer* TITLE _____ 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

OK
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NMOCD

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #70M
Location: 790' FNL, 790' FWL Sec 34, T-28-N, R-5-W
 Rio Arriba County, NM
 Latitude 36° 37.4', Longitude 107° 21.2'
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6767' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2939'	
Ojo Alamo	2939'	3229'	aquifer
Fruitland	3229'	3614'	gas
Pictured Cliffs	3614'	3719'	gas
Lewis	3719'	4179'	gas
Intermediate TD	3769'		
Mesa Verde	4179'	4569'	gas
Chacra	4569'	5289'	
Massive Cliff House	5289'	5459'	gas
Menefee	5459'	5774'	gas
Massive Point Lookout	5774'	6944'	gas
Gallup	6944'	7689'	gas
Greenhorn	7689'	7788'	gas
Graneros	7788'	7887'	gas
Dakota	7887'		gas
TD	8030'		

Logging Program:

Cased hole -Gamma Ray/Neutron

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
200-3769'	LSND	8.4-9.0	30-60	no control
3769-8030'	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' - 3769'	7"	20.0#	J-55
6 1/4"	3669' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 8030'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 8030' 2 3/8" 4.70# EUE

