

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND-MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
APR 20 1993

OIL CON. DIV.
DIST. 3

5. Lease Number
SF-079393
Unit Reporting Number
6. If Indian, All. or Tribe

7. Unit Agreement Name
San Juan 27-5 Unit

8. Farm or Lease Name
San Juan 27-5 Unit
9. Well Number
85E

10. Field, Pool, Wildcat
71599 Basin Dakota
11. Sec., Twn, Rge, Mer. (NMPM)
Sec 5, T-27-N, R-5-W
API# 30-039-25829

12. County
Rio Arriba
13. State
NM

17. Acres Assigned to Well
319.81 W/2

20. Rotary or Cable Tools
Rotary

22. Approx. Date Work v

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
BURLINGTON
RESOURCES
14538
Oil & Gas Company

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

4. Location of Well
1075' FNL, 825' FWL
Latitude 36° 36.5, Longitude 107° 23.3

14. Distance in Miles from Nearest Town
40 miles to Blanco

15. Distance from Proposed Location to Nearest Property or Lease Line
825'
16. Acres in Lease
825'

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
100'
19. Proposed Depth
7822'

21. Elevations (DF, FT, GR, Etc.)
6570' GR

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Deane W. Spencer
Regulatory/Compliance Administrator
Date 2/12/9

PERMIT NO.

APPROVED BY /s/ Deane W. Spencer

TITLE

APPROVAL DATE

Archaeological Report to be submitted by Arboles Contract Arch
Threatened & Endangered Species Report submitted by Ecosphere

NOVEMBER 26, 1997

Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS

NEW MEXICO

6857

PROFESSIONAL SURVEYOR

Certificate Number

6857

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OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #85E
Location: 1075' FNL, 825' FWL Sec 5, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 36.5, Longitude 107° 23.3
Formation: Basin Dakota
Elevation: 6570' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2682'	
Ojo Alamo	2682'	2982'	aquifer
Fruitland	2982'	3372'	gas
Pictured Cliffs	3372'	3502'	gas
Lewis	3502'	3902'	gas
Intermediate TD	3602'		
Huerfano Bentonite	3902'	4327'	gas
Chacra	4327'	5052'	
Massive Cliff House	5052'	5222'	gas
Menefee	5222'	5552'	gas
Massive Point Lookout	5552'	6727'	gas
Gallup	6727'	7477'	gas
Greenhorn	7477'	7677'	gas
Dakota	7677'		gas
TD (4 1/2" liner)	7822'		

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
200-3602'	LSND	8.4-9.0	30-60	no control
3602-7822'	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#	WC-50
8 3/4"	0' - 3602'	7"	20.0#	J-55
6 1/4"	3502' - 7822'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7822'	2 3/8"	4.70#	EUE
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BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #85E

1075' FNL 825' FWL SEC 5, T27N, R5W
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NWNW SECTION 5, T27N, R5W

EXISTING
R.O.W.

