

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 NM-04207
1b. Type of Well GAS	Unit Reporting Number
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name Allison Unit
4. Location of Well 1170' FNL, 820' FEL Latitude 36° 59.1, Longitude 107° 28.5	8. Farm or Lease Name 6784 Allison Unit 9. Well Number 38M
10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71599 Basin Dakota	11. Sec., Twn, Rge, Mer. (NMPM) A Sec 17, T-32-N, R-6-W API # 30-045-29484
14. Distance in Miles from Nearest Town 2.5 miles to Allison	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 820'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 E/2 E/320
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 100'	
19. Proposed Depth 8157'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6490' 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	7-25-97 Date

PERMIT NO. _____ APPROVAL DATE SEP 03 1997
APPROVED BY /S/ Duane W. Spencer TITLE _____ DATE SEP - 3 1997

Archaeological Report to be submitted
Threatened and Endangered Species Report submitted by Ecosphere
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3. NOS dated 06-26-97

OK [Signature]

NMCCD

OPERATIONS PLAN

Well Name: Allison Unit #38M
Location: 1170' FNL, 820' FEL Sec 17, T-32-N, R-6-W
 San Juan County, NM
 Latitude 36° 59.1, Longitude 107° 28.5
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6490' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2235'	
Ojo Alamo	2235'	2767'	aquifer
Fruitland	2767'	3122'	gas
Pictured Cliffs	3122'	3432'	gas
Lewis	3432'	4187'	gas
Intermediate TD	3532'		
Mesa Verde	4187'	4317'	gas
Chacra	4317'	5385'	
Massive Cliff House	5385'	5419'	gas
Menefee	5430'	5642'	gas
Massive Point Lookout	5642'	6999'	gas
Gallup	6999'	7727'	gas
Greenhorn	7727'	7912'	gas
Dakota	7912'		gas
TD (4 1/2" liner)	8157'		

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
200-3532'	LSND	8.4-9.0	30-60	no control
3532-8157'	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' - 3532'	7"	20.0#	J-55
6 1/4"	3432' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 8157'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 8157' 2 3/8" 4.70# EUE

EXISTING
R-O-W

ALLISON
#38M

**BURLINGTON
RESOURCES**
ALLISON UNIT #38M
T32N, R6W
NO NEW CONSTRUCTION
T32N, R6W

Section 17: NENE Existing
Right-of-Way

APD MAP #1