

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED APR 14 1997 OIL CON. DIV. DIST. 3 Oil & Gas Company	5. Lease Number SF-078741
1b. Type of Well GAS		Unit Reporting Number 8910005380
2. Operator BURLINGTON RESOURCES 14538		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 San Juan 30-6 Unit
4. Location of Well 1560' FSL, 970' FEL Latitude 36° 46.9, Longitude 107° 25.6		8. Farm or Lease Name 7469 San Juan 30-6 Unit
		9. Well Number 16A ✓
		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde ✓
		11. Sec., Twn, Rge, Mer. (NMPM) I Sec 26, T-30-N, R-6-W ✓ API # 30-039-25671 ✓
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 970'		
16. Acres in Lease		17. Acres Assigned to Well E/2 320
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'		
19. Proposed Depth 6220	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.) 6683' 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		1-2-97 Date

PERMIT NO. _____

APPROVAL DATE

APR 11 1997

APPROVED BY _____

TITLE _____

DATE APR 11 1997

Archaeological Report to be submitted

Threatened and Endangered Species Report submitted by Ecosphere dated November 1996

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED

BLM

97 JAN 13 PM 2:54

FARMINGTON, NM

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AFT Number 30-039-25671	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7469	Property Name San Juan 30-6 Unit	Well Number 16A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS, INC.	Elevation 6683'

10 Surface Location

UL or lot no. I	Section 26	Township 30-N	Range 6-W	Lot Ida	Feet from the 1560	North/South line South	Feet from the 970	East/West line East	County R.A.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres E/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	5272.08'	17 OPERATOR CERTIFICATION
5280.00'	26	RECEIVED APR 14 1997
		OIL CON. DIV. DIST. 3
5280.00'	SF-078741	Signature Peggy Bradfield
		Printed Name Regulatory Administrator
5277.36'	970'	Date 1-2-97
		18 SURVEYOR CERTIFICATION
5277.36'	1560'	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
		Date of Survey 10/07/96
5277.36'	1560'	Signature and Seal of Professional Surveyor NEED C. EDWARDS
		Certificate Number 8857

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #16A
Location: 1560' FSL, 970' FEL Section 26, T-30-N, R-6-W
Rio Arriba County, New Mexico
Latitude 36° 46.9, Longitude 107° 25.6
Formation: Blanco Mesa Verde
Elevation: 6683' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2770'	aquifer
Ojo Alamo	2770'	2840'	aquifer
Kirtland	2840'	3195'	
Fruitland	3195'	3645'	gas
Pictured Cliffs	3645'	3700'	gas
Lewis	3700'	4355'	gas
Intermediate TD	3750'		
Mesa Verde	4355'	5495'	gas
Massive Cliff House	5495'	5535'	gas
Menefee	5535'	5820'	gas
Point Lookout	5820'		gas
Total Depth	6220'		

Logging Program:

Cased hole logging - Gamma Ray Neutron from 2770' to TD
Mud Logs/Coring/DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-3750'	LSND	8.4-9.0	30-60	no control
3750-6220'	Gas/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<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' - 3750'	7"	23.0#	CF-50
6 1/4"	3650' - 6220'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6220' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

**BURLINGTON
RESOURCES**
SAN JUAN 30-6 UNIT #16A
T30N, R6W
1200' New Construction
T30N, R6W
Section 26: NESE 1200'
APD MAP #1

