

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 SF-079002 Unit Reporting Number 8910005380
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Unit Agreement Name San Juan 30-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7469 San Juan 30-6 Unit 9. Well Number 33A
4. Location of Well 1845' FNL, 995' FWL Latitude 36° 49.7, Longitude 107° 29.5	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) E Sec 8, T-30-N, R-6-W API # 30-039-25656
14. Distance in Miles from Nearest Town 7 miles to Gobernador	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 995'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320 W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2200'	
19. Proposed Depth 5865'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6279' 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><i>[Signature]</i></u> Regulatory/Compliance Administrator	Date <u>1-3-97</u>

PERMIT NO. _____ APPROVAL DATE MAR 17 1997
APPROVED BY /s/ Duane W. Spencer TITLE _____ DATE _____

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

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

MAR 13 PM 2:55

070 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

API Number 30-039-25656	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7469	Property Name San Juan 30-6 Unit	Well Number 33A
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY	Elevation 6279'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	8	30 N	6 W		1845	North	995	West	R.A.

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

12 Dedicated Acres W/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
1845'	SF-079002	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
995'	RECEIVED MAR 19 1997 OIL CON. DIV. DIST. 3	Signature Peggy Bradfield Printed Name Regulatory Administrator Title Date 1-3-97
5280.00'	5280.00'	18 SURVEYOR CERTIFICATION
NM-03403	5266.80'	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 10-04-96 Signature and Seal of Professional Surveyor NEALE C. EDWARDS 8857 6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #33A
Location: 1845' FNL, 995' FWL Section 8, T-30-N, R-6-W
Rio Arriba County, New Mexico
Latitude 36° 49.7, Longitude 107° 29.5
Formation: Blanco Mesa Verde
Elevation: 6279' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2241'	aquifer
Ojo Alamo	2241'	2751'	aquifer
Fruitland	2751'	3131'	gas
Pictured Cliffs	3131'	3311'	gas
Lewis	3311'	3931'	gas
Intermediate TD	3361'		
Mesa Verde	3931'	5106'	gas
Massive Cliff House	5106'	5189'	gas
Menefee	5189'	5466'	gas
Point Lookout	5466'		gas
Total Depth	5865'		

Logging Program:

Cased hole logging - Gamma Ray Neutron from 2930' 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
200-3361'	LSND	8.4-9.0	30-60	no control
3361-5865'	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' - 3361'	7"	23.0#	CF-50
6 1/4"	3261' - 5865'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5865' 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 #33A
T30N, R6W

500' New Construction
T30N, R6W

Section 8: SWNW 500'

APD MAP #1

