

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-078945 Unit Reporting Number 8910005380
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538	7. Unit Agreement Name San Juan 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7465 San Juan 29-7 Unit 9. Well Number 85C ✓
4. Location of Well ✓ 1820' FSL, 1520' FWL - surface 2640' FNL, 300' FWL - bottom hole Latitude 36° 45.1, Longitude 107° 31.5	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde ✓ 11. Sec, Twn, Rge, Mer. (NMPM) ✓ Sec 1, T-29-N, R-7-W ✓ API # 30-039-25668 ✓
14. Distance in Miles from Nearest Town 3.5 miles to Navajo City	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1520' FSL surface; 300' bottomhole	17. Acres Assigned to Well 320 W/2 312-56 ✓
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 120'
19. Proposed Depth 6257' TVD	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6795' GR	22. Approx. Date Work will Start 2-24-97
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	Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #927

Threatened and Endangered Species Report submitted by Ecosphere

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

NOTE: Order R-10720 dated January 9, 1997 covers well density and well location requirements

OK R-10720

NMOCD

District I
PO Box 1910, Hobbs, NM 88241-1980
District II
PO Drawer 00, 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

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 30-039-25668		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7465	Property Name San Juan 29-7 Unit		Well Number 85C
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY		Elevation 6795'

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
K	1	29 N	7 W		1820	South	1520	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
E	1	29 N	7 W		2640	North	300	West	R.A.

12 Dedicated Acres W/318.56	13 Joint or Infill	14 Consolidation Code	15 Order No. 19-10720
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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	5280.00'	5289.24'	1820'	1520'	300'	2640'	SF- 078945	RECEIVED APR 1 1997 OIL CON. DIV. DIST. 3	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Peggy Bradfield Printed Name Regulatory Administrator Title 2-24-97 Date

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #85C
Surface Location: 1820' FSL, 1520' FWL Section 1, T-29-N, R-7-W
Bottomhole Location: 2640' FNL, 300' FWL Section 1, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 45.1, Longitude 107° 31.5
Formation: Blanco Mesa Verde
Elevation: 6795' GL

<u>Formation Tops:</u>	<u>Top - TVD</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2777'	aquifer
Ojo Alamo	2777'	3232'	aquifer
Fruitland	3232'	3687'	gas
Pictured Cliffs	3687'	3837'	gas
Lewis	3837'	4432'	gas
Intermediate TD	3937'		
Mesa Verde	4432'	5447'	gas
Massive Cliff House	5447'	5537'	gas
Menefee	5537'	5857'	gas
Point Lookout	5857'		gas
Total Depth	6257' TVD		

Logging Program:

Cased hole logging - Gamma Ray Neutron from 2800' to TD
Mud Logs/Coring/DST - none

Mud Program:

<u>Interval- MD</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 500'	Spud	8.4-9.0	40-50	no control
500-4117'	LSND	8.4-9.0	30-60	no control
4117-6529'	Air/Mist	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>Measured Depth</u>	<u>TVD</u>	<u>Csq Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 500'	0- 500'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4117'	0-3937'	7"	20.0#	J-55
6 1/4"	4017' - 6529'	3837-6257'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 6257' 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.

