

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-078919 Unit Reporting Number 8910005380
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	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 37C
4. Location of Well 2630' FNL, 2630' FWL Latitude 36° 44.4, Longitude 107° 31.1	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Sec 12, T-29-N, R-7-W API # 30-039-25651
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 2630'	17. Acres Assigned to Well 320 W/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease	
19. Proposed Depth 5769' This section 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.) 6317' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS ARE SUBJECT TO COMPLY WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	1-10-97 Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /s/ Duane W. Spencer TITLE _____ DATE FEB 26 1997

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #929B
Threatened and Endangered Species Report submitted by Ecosphere dated September 1996
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3
NOTE: Refer to R-10720 Order of the New Mexico Oil Conservation Division

R-10720
(E)

NMOCD

RECEIVED
FEB 26 1997
OIL CON. DIV.
DIST. 3

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesa, 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 30-039-25651		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7465	Property Name San Juan 29-7 Unit		Well Number 37C
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6317'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	12	29-N	7-W		2630	North	2630	West	R.A.

11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acre
12/320

13 Joint or Infill

14 Consolidation Code

15 Order No.

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

5289.24		17 OPERATOR CERTIFICATION	
37C		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
2630'		Signature Peggy Bradfield	
SF-078919		Printed Name Regulatory Administrator	
2630'		Title 1-10-97	
12		Date	
SF-079514		18 SURVEYOR CERTIFICATION	
37		I hereby certify that the well location shown on this plat was plotted from field notes of recent surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
RECEIVED FEB 28 1997		Date of Survey 10/31/96	
OIL CON. DIV. DIST. 3		Signature and Seal of Professional Surveyor NEALE G. EDWARDS NEW MEXICO 6857	
		Certificate Number	

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #37C
Location: 2630' FNL, 2630' FWL Section 12, T-29-N, R-7-W
San Juan County, New Mexico
Latitude 36° 44.4, Longitude 107° 31.3
Formation: Blanco Mesa Verde
Elevation: 6317' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2299'	aquifer
Ojo Alamo	2299'	2784'	aquifer
Fruitland	2784'	3199'	gas
Pictured Cliffs	3199'	3369'	gas
Lewis	3369'	3949'	gas
Intermediate TD	3419'		
Mesa Verde	3949'	4079'	gas
Chacra	4079'	4954'	
Massive Cliff House	4954'	5054'	gas
Menefee	5054'	5369'	gas
Point Lookout	5369'		gas
Total Depth	5769'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
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	8.4-9.0	40-50	no control
200-3419'	LSND	8.4-9.0	30-60	no control
3419-5769'	Gas/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>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' - 3419'	7"	20.0#	J-55
6 1/4"	3319' - 5769'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5769' 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.

