

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
891001650A

6. If Indian, All. or Tribe

1b. Type of Well
GAS

2. Operator
BURLINGTON RESOURCES 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
San Juan 29-7 Unit

9. Well Number
11C

4. Location of Well
480' FNL, 1590' FWL
Latitude 36° 45.6, Longitude 107° 33.7

10. Field, Pool, Wildcat
Blanco Mesaverde

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 3, T-29-N, R-7-W
API # 30-039-26126

14. Distance in Miles from Nearest Town
2 miles from Navajo City

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
480'

16. Acres in Lease

17. Acres Assigned to Well
317.83 W/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
700'

19. Proposed Depth
5730'

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.)
6258' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Regulatory/Compliance Administrator

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

DATE JUN 17 1999

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

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

Form C-10
Revised February 21, 199

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26126	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 11C
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6258'

¹⁰ Surface Location

UL or lot no. C	Section 3	Township 29N	Range 7W	Lot Idn	Feet from the 480	North/South line NORTH	Feet from the 1590	East/West line WEST	County RIO ARriba
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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
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¹² Dedicated Acres MV-W/317.83	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 5280.00' 1590' 480' 8 7 6 5 NMSF-078945 5242.38' 3 5297.16' 5249.64'	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 Date ¹⁸ SURVEYOR CERTIFICATION 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. DECEMBER 8, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate Number
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OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #11C
Surface Location: 480' FNL, 1590' FWL, Section 3, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 45.6, Longitude 107° 33.7

Formation: Blanco Mesa Verde
Elevation: 6258' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2193'	aquifer
Ojo Alamo	2193'	2291'	aquifer
Kirtland	2291'	2657'	gas
Fruitland	2657'	3135'	gas
Pictured Cliffs	3135'	3249'	gas
Lewis	3249'	3871'	gas
Intermediate TD	3349'		
Mesa Verde	3871'	4145'	gas
Chacra	4145'	4891'	gas
Massive Cliff House	4891'	4977'	gas
Menefee	4977'	5330'	gas
Point Lookout	5330'		gas
Total Depth	5730'		

Logging Program:

Cased hole logging - Gamma Ray, Cement bond from surface 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- 200'	Spud	8.4-9.0	40-50	no control
200- 2400'	LSND	8.4-9.0	30-60	no control
2400- 5730'	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>Csg Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2400'	7"	20.0#	J-55
6 1/4"	2300' - 5730'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 5730' 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 OIL & GAS COMPANY SAN JUAN 29-7 UNIT #11C

480' FNL & 1590' FWL, SECTION 3, T29N, R7W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

1400' NEW BLM CONSTRUCTION
800' SE/SW SECTION 34, T30N, R7W
600' NE/NW SECTION 3, T29N, R7W.

