

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-0789450
1b. Type of Well GAS	Unit Reporting Number 8910016500
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	6. If Indian, All. or Tribe 7465
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
4. Location of Well 1725' FSL, 2205' FWL R-10720 Latitude 36° 41.7, Longitude 107° 34.6	9. Well Number 41C
14. Distance in Miles from Nearest Town 5 miles to Navajo City	10. Field, Pool, Wildcat Blanco MV 72319
15. Distance from Proposed Location to Nearest Property or Lease Line 1725'	11. Sec, Twn, Rge, Mer. (NMPM) Sec 28, T-29-N, R-7-W
16. Acres in Lease	API # 30-039- 25913
17. Acres Assigned to Well W 320	12. County RA
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 800'	13. State NM
19. Proposed Depth 5893	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6552' GR	22. Approx. Date Work will Start 6-7-98
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 7/17/98
APPROVED BY /s/ Duane W. Spencer TITLE _____ DATE JUL 17 1998

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.

R-10720 @

NMOC

District I
PO Box 1980, 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
Revised February 21
Instructions 0
Submit to Appropriate District
State Lease - 4
Fee Lease - 3

93 JUN 11 PM 3:15 ☐ AMENDED REC

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 25913		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 41C
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6552'

10 Surface Location

U. or lot no. K	Section 28	Township 29N	Range 7W	Lot Idn	Feet from the 1725	North/South line SOUTH	Feet from the 2205	East/West line WEST	County RI ARR.
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11 Bottom Hole Location If Different From Surface

U. 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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*Dedicated Acres W/320	*Joint or Infill	*Consolidation Code	*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

15		5278.68'		17 OPERATOR CERTIFICATE	
124m		41C		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
NMSF-078945		28		Signature Peggy Bradfield	
2205'		1725'		Printed Name Regulatory Administrator	
SF-078503		5274.72'		Title 6-7-98	
				Date	
				18 SURVEYOR CERTIFICATE	
				I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision and that the same is true and correct to the best of my belief.	
				MARCH 20, 1998	
				Date of Survey	
				Signature and Seal of Professional Surveyor	
				NEALE C. EDWARDS NEW MEXICO 68973 PROFESSIONAL SURVEYOR	
				Certificated Under	

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #41C
Location: 1725' FSL, 2205' FWL Section 28, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 41.7, Longitude 107° 34.6
Formation: Blanco Mesa Verde
Elevation: 6552' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2347'	aquifer
Ojo Alamo	2347'	2532'	aquifer
Kirtland	2532'	2909'	
Fruitland	2909'	3310'	
Pictured Cliffs	3310'	3453'	gas
Lewis	3453'	3939'	gas
Intermediate TD	3553'		
Huerfanito Bentonite	3939'	4265'	
Chacra	4265'	4934'	
Massive Cliff House	4934'	5103'	gas
Menefee	5103'	5493'	gas
Massive Point Lookout	5493'		gas
Total Depth	5893'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
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
200-3553'	LSND	8.4-9.0	30-60	no control
3553-5893'	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3553'	7"	20.0#	J-55
6 1/4"	3453' - 5893'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5893' 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 #41C

1725' FSL & 2205' FWL, SECTION 28, T29N, R7W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

200' NEW FEE CONSTRUCTION

NWSW SECTION 28, T29N, R7W

600' NEW BLM CONSTRUCTION

NE/SW SECTION 28, T29N, R7W

