

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-079049B Unit Reporting Number 891001051B - Dk 8910010510 - MV	
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 28-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7462 San Juan 28-6 Unit 9. Well Number 164M	
4. Location of Well 790' FNL, 1525' FWL Latitude 36° 37.4, Longitude 107° 27.5	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) C Sec 34, T-28-N, R-6-W API # 30-039-25732	
14. Distance in Miles from Nearest Town 4 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	17. Acres Assigned to Well 324.69 W/2 W/324.69	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1700'		
19. Proposed Depth 7834'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6577' 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>Deana W. Spender</i></u> (Regulatory/Compliance Administrator)	6-30-97 Date	

PERMIT NO.

APPROVAL DATE

SEP 04 1997

APPROVED BY

/s/ Deana W. Spender

TITLE

DATE

SEP - 4 1997

Archaeological Report to be submitted by Arboles

Threatened and Endangered Species Report to be submitted

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

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 C
Revised February 21, 1997
Instructions on t
Submit to Appropriate District O:
State Lease - 4 Co
Fee Lease - 3 Co
☐ AMENDED REPC

WELL LOCATION AND ACREAGE DEDICATION PLAT, NM

API Number	Pool Code	Pool Name
30-039-25732	72319/71599	Blanco Mesaverde/Basin Dakota
Property Code	Property Name	Well Number
7462	San Juan 28-6 Unit	164M
OGRID No.	Operator Name	Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	6577'

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
C	34	28-N	6-W		790	North	1525	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 Dedication Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.
DK-W/324.69
DK-W/324.69

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATE
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	5280.00	17 OPERATOR CERTIFICAT
1525'	790'	I hereby certify that the information contained herein is true and complete to the best of my knowledge and be
NMSF-079049B		Signature Peggy Bradfield
		Printed Name Regulatory Administrator
		Title 6-30-97
		Date
5357.88	34	18 SURVEYOR CERTIFICAT
42		I hereby certify that the well location shown on this p was placed from field notes of actual surveys made by or under my supervision, and that the same is true an correct to the best of my belief.
NMSF-079051		5/23/97
		Date of Survey
4164	3	Signature and Seal of Professional Surveyor
	2	NEALE C. EDWARDS NEW MEXICO 6857
	1	6857
5280.00		Certificate Number

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #164M
Location: 790' FNL, 1525' FWL Sec 34, T-28-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 37.4, Longitude 107° 27.5
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6577' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2634'	
Ojo Alamo	2634'	2961'	aquifer
Fruitland	2961'	3364'	gas
Pictured Cliffs	3364'	3493'	gas
Lewis	3493'	3864'	gas
Intermediate TD	3593'		
Mesa Verde	3864'	4281'	gas
Chacra	4281'	4999'	
Massive Cliff House	4999'	5139'	gas
Menefee	5139'	5519'	gas
Massive Point Lookout	5519'	6744'	gas
Gallup	6744'	7479'	gas
Greenhorn	7479'	7584'	gas
Graneros	7584'	7694'	gas
Dakota	7694'		gas
TD (4 1/2" liner)	7834'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

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
200-3593'	LSND	8.4-9.0	30-60	no control
3593-7834'	Gas	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#	WC-50
8 3/4"	0' - 3593'	7"	20.0#	J-55
6 1/4"	3493' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7834'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7834'	2 3/8"	4.70#	EUE
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**BURLINGTON
RESOURCES**

**San Juan 28-6 Unit #164M
T28N, R6W**

**600' BLM New Construction
T28N, R6W**

**Section 34: NENW 100'
Section 34: NWNW 500'**

APD MAP #1

**NEW BLM
ROW**

#164M

**EXISTING
R-O-W**

