

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN - 2 1998

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OIL CON. DIV.
DIST. 3

1a. Type of Work DRILL	97 JUL 28 PM 1:59 070 FARMINGTON, NM	5. Lease Number SF-079363 Unit Reporting Number 891001051B - Dk 8910010510 - MV
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 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 166M
4. Location of Well 940' FNL, 1480' FWL Latitude 36° 36.5, Longitude 107° 25.2		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec 1, T-27-N, R-6-W API # 30-039-25771
14. Distance in Miles from Nearest Town 5 miles to Gobernador		12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 940'		13. State NM
16. Acres in Lease		17. Acres Assigned to Well 320.32 W/2 320.32 W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 100'		
19. Proposed Depth 7446'	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.) 6502' 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: 	Regulatory/Compliance Administrator	6-30-97 Date

PERMIT NO. _____ APPROVAL DATE 12/29/97
APPROVED BY Chip Haraden TITLE Geologist DATE 12/29/97
acting T.L.

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

NMOCD

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-
Revised February 21, 1995
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 30-039-25771	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7462	Property Name San Juan 28-6 Unit	Well Number 166M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6502'

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
C	1	27-N	6-W		940	North	1480	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

12 Dedication Acres 13 Joint or Infill 14 Commencement Code 15 Order No.
MV-W/320.32
DK-W/320.32

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

	RECEIVED JAN - 2 1998 OIL CON. DIV. DIST. 3	17 OPERATOR CERTIFICATE I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Peggy Bradfield</u> Printed Name: <u>Peggy Bradfield</u> Title: <u>Regulatory Administrator</u> Date: <u>6-30-97</u>
		18 SURVEYOR CERTIFICATE I hereby certify that the well location shown on this plat was placed from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <u>5/22/97</u> Signature and Seal of Professional Surveyor: <u>NEALE C. EDWARDS</u> Certificate Number: <u>6857</u>

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #166M
Location: 940' FNL, 1480' FWL Sec 1, T-27-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 36.5, Longitude 107° 25.2
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6502' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2554'	
Ojo Alamo	2554'	2937'	aquifer
Fruitland	2937'	3289'	gas
Pictured Cliffs	3289'	3419'	gas
Lewis	3419'	3789'	gas
Intermediate TD	3519'		
Mesa Verde	3789'	4234'	gas
Chacra	4234'	4946'	
Massive Cliff House	4946'	5092'	gas
Menefee	5092'	5464'	gas
Massive Point Lookout	5464'	6649'	gas
Gallup	6649'	7389'	gas
Greenhorn	7389'	7477'	gas
Graneros	7477'	7601'	gas
Dakota	7601'		gas
TD (4 1/2" liner)	7746'		

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
200-3519'	LSND	8.4-9.0	30-60	no control
3519-7746'	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' - 3519'	7"	20.0#	J-55
6 1/4"	3419' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7746'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7746'	2 3/8"	4.70# EUE
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S.I. 28-6
#166M

EXISTING
R-O-W

MESA

**BURLINGTON
RESOURCES**

San Juan 28-6 Unit #166M
T27N, R6W

No New Construction
T27N, R6W

Section 1: NENW Existing ROW

APD MAP #1