

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED SEP 29 1997	5. Lease Number SF-079363 Unit Reporting Number 891001051B - Dk 891001051 - MV
1b. Type of Well GAS	OIL CON. DIV. DIST. 3	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 179M	
4. Location of Well 580' FNL, 1755' FWL Latitude 36° 34.8, Longitude 107° 25.3	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71594 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec 13, T-27-N, R-6-W API # 30-039-25744	
14. Distance in Miles from Nearest Town 7 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 580'	17. Acres Assigned to Well W/ 320 W/2 320	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1100'		
19. Proposed Depth 7665'	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.) 6473' 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>Duane W. Spencer</i></u> Regulatory/Compliance Administrator	<u>8-22-97</u> Date	

PERMIT NO.

APPROVAL DATE

SEP 25 1997

APPROVED BY

AS/Duane W. Spencer

TITLE

DATE SEP 26 1997

Archaeological Report to be submitted

1056-3879 (2)

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,
Instructions on
Submit to Appropriate District Office
State Lease - 4 Cc
Fee Lease - 3 Cc

57 SEP 24 PM 1:29

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION MAP

*API Number 30-039-		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 179M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6473'

10 Surface Location

UL or lot no. C	Section 13	Township 27N	Range 6W	Lot Idn	Feet from the 580	North/South line North	Feet from the 1755	East/West line West	County RIO ARRI
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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/320 DK-W/320	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

		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 8-22-97 Date
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this map is correct to the best of my knowledge and belief. JULY 1997 Date of Survey Signature 6857 Certificate Number		

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #179M
Location: 580' FNL, 1755' FWL Sec 13, T-27-N, R-6-W
Rio Arriba County, NM
Latitude 36° 34.8, Longitude 107° 25.3
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6473' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2525'	
Ojo Alamo	2525'	2885'	aquifer
Fruitland	2885'	3225'	gas
Pictured Cliffs	3225'	3350'	gas
Lewis	3350'	3685'	gas
Intermediate TD	3450'		
Mesa Verde	3685'	4905'	gas
Massive Cliff House	4905'	4980'	gas
Menefee	4980'	5405'	gas
Massive Point Lookout	5405'	5865'	gas
Mancos	5865'	6545'	
Gallup	6545'	7315'	gas
Greenhorn	7315'	7405'	gas
Graneros	7405'	7525'	gas
Dakota	7525'		gas
TD (4 1/2" liner)	7665'		

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
200-3450'	LSND	8.4-9.0	30-60	no control
3450-7665'	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' - 3450'	7"	20.0#	J-55
6 1/4"	3350' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7665'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7665' 2 3/8" 4.70# EUE

