

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease/Number SF-079365
1b. Type of Well GAS	Unit Reporting Number DK - 8910010518 NM MV - 8910010510
2. Operator BURLINGTON RESOURCES 14538	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 28-6 Unit
4. Location of Well 1755' FNL, 925' FWL Latitude 36° 32.1, Longitude 107° 26.4	8. Farm or Lease Name 7462 San Juan 28-6 Unit
	9. Well Number 181M
10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71599	11. Sec. Twn, Rge, Mer. (NMPM) E Sec 14, T-27-N, R-6-W
	API # 30-039-25770
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 925'	
16. Acres in Lease	17. Acres Assigned to Well 320 N/2 Dk; W/2 MV
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 900'	
19. Proposed Depth 7686	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6479' 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>Peggy Bradfield</u> Regulatory/Compliance Administrator	10-17-97 Date

PERMIT NO. _____

APPROVAL DATE JAN 05 1998

APPROVED BY /S/ Duane W. Spencer

TITLE _____

DATE JAN - 5 1998

Archaeological Report to be submitted by Arboles Contract Archaeology
Threatened and Endangered Species Report submitted by Ecosphere

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3 NOS submitted 09-15-97

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

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

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

RECEIVED
BLM
97 OCT 31 PM 4:28 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25770		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 181M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6479'

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
E	14	27N	6W		1755	North	925	WEST	RIO ARriba

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 Dedicated Acres MV-W/320 OK-N/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. <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 10-17-96 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. AUGUST 21, 1997 Date of Survey Signature and Seal of Professional Surveyor <i>W. C. Edwards</i> NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #181M
Location: 1755' FNL, 925' FWL Sec 14, T-27-N, R-6-W
Rio Arriba County, NM
Latitude 36° 32.1, Longitude 107° 26.4
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6479' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2479'	
Ojo Alamo	2479'	2891'	aquifer
Fruitland	2891'	3216'	gas
Pictured Cliffs	3216'	3316'	gas
Lewis	3316'	3641'	gas
Intermediate TD	3416'		
Mesa Verde	3641'	3771'	gas
Chacra	3771'	4861'	
Massive Cliff House	4861'	5011'	gas
Menefee	5011'	5391'	gas
Massive Point Lookout	5391'	6566'	gas
Gallup	6566'	7326'	gas
Greenhorn	7326'	7511'	gas
Dakota	7511'		gas
TD (4 1/2" liner)	7686'		

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
200-3416'	LSND	8.4-9.0	30-60	no control
3416-7686'	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' - 3416'	7"	20.0#	J-55
6 1/4"	3416' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 7686'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 7686' 2 3/8" 4.70# EUE

