

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 APR 24 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-078040 Unit Reporting Number	RECEIVED BLM 98 FEB 19 PM 1:06 FARMINGTON, NM
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 30-6 Unit		
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7469 San Juan 30-6 Unit 9. Well Number 27A		
4. Location of Well 795' FSL, 1950' FEL Latitude 36° 47.6, Longitude 107° 25.8	10. Field, Pool, Wildcat 22319 Blanco MV/Basin Dk 71599 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec 23, T-30-N, R-6-W API # 30-039-25850		
14. Distance in Miles from Nearest Town 8 miles to Gobernador	12. County RA	13. State NM	
15. Distance from Proposed Location to Nearest Property or Lease Line 795'	17. Acres Assigned to Well 320 E/2 E/2 320		
16. Acres in Lease			
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 3000'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.		
19. Proposed Depth 8006'	20. Rotary or Cable Tools Rotary		
21. Elevations (DF, FT, GR, Etc.) 6556' 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	4/16/98 Date		

PERMIT NO. TS/ Duane W. Spencer

APPROVAL DATE APR 22 1998

APPROVED BY _____

TITLE _____

DATE APR 22 1998

Archaeological Report submitted
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

HOLD 6-104 FOR 1156

WMOCD

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-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

90 FEB 19 PM 1:06 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25850		*Pool Code 72319 / 71599	*Pool Name Blanco Mesaverde / Basin Dakota
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT		*Well Number 27A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6556'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
0	23	30N	6W		795	South	1950	East	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres E/320 E/320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

5280.00'	RECEIVED APR 24 1998 OIL CON. DIV. DIST. 3	5268.12'	23	SF-078741	5280.00'	¹⁷ OPERATOR CERTIFICATION 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> Regulatory Administrator Title: <u>2/12/98</u> Date: <u>2/12/98</u>
						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. DECEMBER 15, 1997 Date of Survey Signature and Seal of Registered Professional Surveyor: <u>NEALE C. EDWARDS</u> Certificate Number: <u>6857</u>

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #27A
Location: 795' FSL, 1950' FEL Sec 23, T-30-N, R-6-W
Rio Arriba County, NM
Latitude 36° 47.6, Longitude 107° 25.8
Formation: Blanco Mesa Verde/Easin Dakota
Elevation: 6556' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2618'	
Ojo Alamo	2618'	3038'	aquifer
Fruitland	3038'	3418'	gas
Pictured Cliffs	3418'	3568'	gas
Lewis	3568'	4188'	gas
Intermediate TD	3668'		
Huerfanito Bentonite	4188'	4538'	gas
Chacra	4538'	5368'	
Massive Cliff House	5368'	5408'	gas
Menefee	5408'	5688'	gas
Massive Point Lookout	5688'	6778'	gas
Gallup	6778'	7693'	gas
Greenhorn	7693'	7763'	gas
Dakota	7763'		gas
TD (5 1/2" liner)	8006'		

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	3.4-9.0	40-50	no control
200-3668'	LSND	3.4-9.0	30-60	no control
3668-8006'	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' - 3668'	7"	20.0#	J-55
6 1/4"	3568' - 8006'	5 1/2"	15.5#	K-55 flush joint

A variance is requested from Onshore Order #2, III, B. The casing collar clearance in the 5 1/2" flush joint/6 1/4" hole will be 0.375", a 0.047" variance.

Tubing Program:

0' - 8006' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 30-6 UNIT #27A
795' FSL & 1950' FEL, SECTION 23, T30N, R6W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

2800' BLM NEW CONSTRUCTION
700' SW/SE SECTION 23, T30N, R6W
1800' NW/NE SECTION 26, T30N, R6W
300' SW/NE SECTION 26, T30N, R6W

