

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
BLM

98 MAY 21 PM 2:03
070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-079492B Unit Reporting Number
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 27-5 Unit 7454
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name San Juan 27-5 Unit 9. Well Number 119M
4. Location of Well 1045' FSL, 1665' FEL Latitude 36° 33.3, Longitude 107° 18.3	10. Field, Pool, Wildcat 73319 Blanco MV/Basin Dk 71599 11. Sec., Twn, Rge, Mer. (NMPM) Sec 24, T-27-N, R-5-W API # 30-039-25935
14. Distance in Miles from Nearest Town 10 miles to Gobernador	12. County RA 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1045'	
16. Acres in Lease	17. Acres Assigned to Well 320 51320
18. Distance from Proposed Location to Nearest Well, Drlg. (compl. or Applied for on this Lease) 2500'	
19. Proposed Depth 7860'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6509' GR 6609'	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>Duane W. Spencer</i> Regulatory/Compliance Administrator	5-9-98 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY */S/ Duane W. Spencer*

TITLE

DATE *AUG 12 1998*

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

FARMINGTON DISTRICT OFFICE

BY

NMOCD

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

District II
PO Drawer DD, 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, 1998
Instructions on p.
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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☐ AMENDED REPORT

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-35935		*Pool Code 72319/71599		*Pool Name Blanco Mesaverde/Basin Dakota	
*Property Code 7454		*Property Name SAN JUAN 27-5 UNIT			*Well Number 119M
*GRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			*Elevation 6609'
10 Surface Location					
UL or lot no. 0	Section 24	Township 27N	Range 5W	Lot Ion	Feet from the 1045
North/South line SOUTH		Feet from the 1665		East/West line EAST	
County RIO ARIZONA					
11 Bottom Hole Location Is Different From Surface					
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the
North/South line		Feet from the		East/West line	
County					
12 Dedicated Acres MV-E/320, DK-S/320			13 Joint or Info		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

16 2647.92' RECEIVED AUG 14 1998 OIL CON. DIV. DIST. 3		2690.82' 31 NMSF-079492B		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>Peggy Bradfield</i> Peggy Bradfield Printed Name Regulatory Administrator Title 5-9-98 Date	
2659.14'		FEE		2494.14'	
2717.88'		24 169 NMSF-079492B		2640.00'	
2638.63'		1045' 2633.68'		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted 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. APRIL 8, 1998 Date of Survey Signature and Seal of Professional Surveyor <i>NEALE C. EDWARDS</i> NEALE C. EDWARDS NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 68570 Certificate Number	

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #119M
Location: 1045' FSL, 1665' FEL Sec 24, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 33.3, Longitude 107° 18.3
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6609' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2842'	
Ojo Alamo	2842'	29' 6'	aquifer
Kirtland	2976'	30' 2'	
Fruitland	3042'	33' 3'	gas
Pictured Cliffs	3383'	35' 6'	gas
Lewis	3526'	39' 8'	gas
Intermediate TD	3626'		
Huerfanito Bentonite	3908'	44' 3'	gas
Chacra	4413'	51' 8'	
Massive Cliff House	5118'	52' 2'	gas
Menefee	5252'	55' 8'	gas
Massive Point Lookout	5598'	61' 6'	gas
Mancos Shale	6106'	67' 9'	
Gallup	6759'	75' 48'	gas
Greenhorn	7548'	76' 58'	gas
Dakota	7698'		gas
TD (4 1/2" liner)	7860'		

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
200-3626'	LSND	8.4-9.0	30-60	no control
3626-7860'	Gas/Air	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3626'	7"	20.0#	J-55
6 1/4"	3526' - 7860'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7860' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #119M

1045' FSL & 1665' FEL, SECTION 24, T27N, R5W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAF #1

NO NEW CONSTRUCTION
SW/SE SECTION 24, T27N, R5W

