

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 070 FARMINGTON, NM	5. Lease Number SF-079393 Unit Reporting Number DK - 8910009500 MV - 891000950A
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	Unit Agreement Name San Juan 27-5 Unit
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 89M
4. Location of Well 1230' FNL, 1810' FWL, Latitude 36° 35.5, Longitude 107° 22.0	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 4, T-27-N, R-5-W API # 30-039-26139
14. Distance in Miles from Nearest Town 8 miles from Gobernador	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1230'	17. Acres Assigned to Well W/ 320.23 W/2 320.23
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 7782' 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.) 6510' 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>Duane W. Spencer</u> Regulatory/Compliance Administrator	Date: <u>5-25-99</u>

PERMIT NO. _____ APPROVAL DATE MAY 25 1999
APPROVED BY /S/ Duane W. Spencer TRM Lead, Petroleum Management DATE _____

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.

OK
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

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

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

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

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

☐ AMENDED REPORT

RECEIVED
MAR 17 PM 1:20
WILEY PATRICKSON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26139		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 89M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6510'

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
C	4	27N	5W		1230	NORTH	1810	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/320.23 DK-W/320.23		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

¹⁶ 2659.80' 1378.08' 4 1810' 1230' 3 2675.64' 2 1 1338.48' 1347.72' 2695.44' 5361.18'		RECEIVED MAY 27 1999 OIL CON. DIV. DIST. 3		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 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. JANUARY 27, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certification Number 6857	
---	--	--	--	---	--

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #89M
Location: 1230' FNL, 1810' FWL, Sec 4, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 35.5, Longitude 107° 22.0
Formation: Blanco Mesa Verde/ Basin Dakota
Elevation: 6510' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2656'	
Ojo Alamo	2656'	2845'	aquifer
Kirtland	2845'	2962'	gas
Fruitland	2962'	3342'	gas
Pictured Cliffs	3342'	3435'	gas
Lewis	3435'	3919'	gas
Intermediate TD	3535'		
Mesa Verde	3919'	4290'	gas
Chacra	4290'	5013'	gas
Massive Cliff House	5013'	5176'	gas
Menefee	5176'	5506'	gas
Massive Point Lookout	5506'	6018'	gas
Mancos	6018'	6682'	gas
Gallup	6682'	7447'	gas
Greenhorn	7447'	7507'	gas
Graneros	7507'	7642'	gas
Dakota	7642'		gas
TD (4 1/2" liner)	7782'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface

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- 3535'	LSND	8.4-9.0	30-60	no control
3535- 7782'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3535'	7"	20.0#	J-55
6 1/4"	3435' - 7782'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7782' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #89M

1230' FNL & 1810' FWL, SECTION 4, T27N, R5W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

1500' NEW BLM CONSTRUCTION
500' SWNE SECTION 4, T27N, R5W
600' SE/NW SECTION 4, T27N, R5W
400' NE/NW SECTION 4, T27N, R5W.

