

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079493A Unit Reporting Number DK - 8910009500 MV - 891000950A	
1b. Type of Well GAS	6. Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 27-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 27-5 Unit 9. Well Number 145M	
4. Location of Well 1500' FNL, 1170' FWL, Latitude 36° 32.0, Longitude 107° 20.0	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 35, T-27-N, R-5-W API # 30-039-26066	
14. Distance in Miles from Nearest Town 10 miles from Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1170'		
16. Acres in Lease	17. Acres Assigned to Well 301.48 DK - N/2 316.94 MV - W/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2300'		
19. Proposed Depth 7776'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6588' 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>[Signature]</u> Regulatory/Compliance Administrator	Date <u>12-7-98</u>	

PERMIT NO. _____ APPROVAL DATE APR 19 1999
APPROVED BY /s/ Duane W. Spencer TITLE Team 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.

NAOCD

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

Form C-102
Revised February 21, 1994

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

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

99 JAN 12 AM 9:35 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26066	*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 145M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6588'

¹⁰ Surface Location

UL or lot no. E	Section 35	Township 27N	Range 5W	Lot Idn	Feet from the 1500	North/South line NORTH	Feet from the 1170	East/West line WEST	County RIO ARriba
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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 DK:N/301.48 MV:W/316.94	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

<div><p>¹⁶</p><p>2691.48'</p><p>2640.66'</p><p>1170'</p><p>5439.72'</p><p>5314.98'</p><p>2468.40'</p><p>35</p><p>NMSF-079493A</p></div>	<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p><i>Peggy Bradford</i> Signature Peggy Bradford Printed Name Regulatory Administrator Title 12-7-98 Date</p></div>
<div><p>RECEIVED APR 21 1999 OIL CON. DIV. DIST. 3</p></div>	<div><p>¹⁸ SURVEYOR CERTIFICATION</p><p>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.</p><p>JULY 28, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number</p></div>

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #145M
Location: 1500' FNL, 1170' FWL, Sec 35, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 32.0, Longitude 107° 20.0
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6588' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2713'	
Ojo Alamo	2713'	2889'	aquifer
Kirtland	2889'	2923'	gas
Fruitland	2923'	3344'	gas
Pictured Cliffs	3344'	3427'	gas
Lewis	3427'	3809'	gas
Intermediate TD	3527'		
Mesa Verde	3809'	4314'	gas
Chacra	4314'	4985'	gas
Massive Cliff House	4985'	5104'	gas
Menefee	5104'	5501'	gas
Massive Point Lookout	5501'	5971'	gas
Mancos	5971'	6644'	gas
Gallup	6644'	7451'	gas
Greenhorn	7451'	7508'	gas
Graneros	7508'	7631'	gas
Dakota	7631'		gas
TD (4 1/2" liner)	7776'		

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- 3527'	LSND	8.4-9.0	30-60	no control
3527-7776'	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' - 3527'	7"	20.0#	J-55
6 1/4"	3427' - 7776'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7776' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #145M
1500' FNL & 1170' FNL, SECTION 35, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

