

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

1a. Type of Work DRILL	5. Lease Number SF-079193 Unit Reporting Number MV-8910010510 DK-891001051B	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 28-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-6 Unit 9. Well Number #145N	
4. Location of Well 1110' FSL, 1760' FEL Latitude 36°38.5549'N, Longitude 107°30.2879' W	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 19, T28N, R06W API # 30-039- 27602	
14. Distance in Miles from Nearest Town 31 miles to Blanco, NM Post Office	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1110'	17. Acres Assigned to Well 320 E/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1870'	
19. Proposed Depth 7822'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6608' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Joni Clark</u> Regulatory/Compliance Specialist	<u>1/29/03</u> Date	

PERMIT NO. 18 David J. Markiewicz

APPROVAL DATE

APPROVED BY

TITLE

DATE

MAR 17 2004

Archaeological Report attached

Threatened and Endangered Species Report attached

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.

This document is not to be used for and
may not be used for review of and to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOCD

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

**2040 South Pacheco
Santa Fe, NM 87505**

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-27602		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 145N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6608'

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
0	19	28-N	6-W		1110'	SOUTH	1760'	EAST	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
²³ Dedicated Acres MV-E/320 DK-E/320			²⁴ Joint or Infill		²⁵ Consolidation Code		²⁶ 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**

18

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Joni Clark
Signature

Joni Clark
Printed Name

Regulatory Specialist
Title

1/29/04
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.

10-13-03
Date of Survey

DAVID A. JOHNSON
Signature and Seal of Professional Surveyor

14827
Registered Professional Surveyor

14827
Certificate Number

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #145N
Location: 1110' FSL, 1760' FEL, Sec 19, T-28-N, R-6-W
Rio Arriba County, NM
Latitude 36° 38.6 Longitude 107° 30.3
Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7822'

Logging Program:

Refer to Unit Master Plan

Mud Program: See 28-6 Unit Master Operations Plan

Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csg. Size	Wt.	Grade	Cement
12 1/4"	0' - 120'	9 5/8"	32.3#	WC-50	113 cu.ft.
8 3/4"	0' - 3673'	7"	20.0#	J-55	822 cu.ft.
6 1/4"	0' - 7800'	4 1/2"	10.5#	J-55	565 cu.ft.
6 1/4"	7800' - 7822'	4 1/2"	11.6#	N-80	

Tubing Program: See 28-6 Unit Master Operations Plan

- The Mesaverde and Dakota formations will be completed and commingled.
- The east half of Section 19 is dedicated to the Mesaverde and the east half of Section 19 is dedicated to the Dakota formations in this well.
- Gas is dedicated.

Sean Lougan
Drilling Engineer

February 4, 2004
Date

MULTI-POINT SURFACE USE PLAN

San Juan 28-6 Unit #145N

See San Juan 28-6 Unit Master Multi-point Surface Use Plan

- Anticipated pipeline facilities as shown on the attached plat from El Paso Field Services.
- Approximately 650' of new road will be built.
- Water Supply from San Juan 28-6 Water Well located SW/4 Section 23, T-28-N, R-6-W, New Mexico
- Surface Ownership: Bureau of Land Management
- Install a culvert where access enters well pad.
- Slopes at 3:1 for cut, and 4:1 for fill.
- Archaeological Resources: See Archaeological Survey technical report #L-2210 from San Juan College Contract Archaeology.

Jonni Clark
Regulatory Supervisor

1/29/07
Date