

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P. O. Box 2089  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

WELL API NO.

30-039-27570

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-290-38

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

7. Lease Name or Unit Agreement Name

San Juan 27-5 Unit

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

8. Well No.

90N

9. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota

4. Well Location

Unit Letter I 1710' Feet From The South Line and 305' Feet From The East Line

Section 16 Township 27N Range 5W NMPM Rio Arriba County

10. Date Spudded

2/11/04

11. Date T.D. Reached

2/19/04

12. Date Compl. (Ready to Prod.)

4/14/04

13. Elevations (DF&RKB, RT, GR, etc.)

6643' GR, 6658' KB

14. Elev. Casinghead

15. Total Depth

7876'

16. Plug Back T.D.

5881'

17. If Multiple Compl. How Many Zones?

1

18. Intervals Drilled By

Rotary Tools

Cable Tools

0-7876'

19. Producing Interval(s), of this completion - Top, Bottom, Name  
7633-7824' Dakota

20. Was Directional Survey Made

21. Type Electric and Other Logs Run  
CBL-CCL-GR

22. Was Well Cored  
No

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8" WC-50	32.3#	146'	12 1/4"	132 cu.ft.	
7" J-55	20#	3782'	8 3/4"	1067 cu.ft.	
4 1/2" L-80 & J-55	11.6# & 10.5#	7876'	6 1/4"	561 cu.ft.	

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2 3/8"	5690'	CIBP @ 5900'

26. Perforation record (interval, size, and number)  
7633-7642', 7656-7660', 7676-7680', 7694-7698',  
7710-7714', 7740-7744', 7762-7766', 7774-7778',  
7786-7790', 7804-7808', 7820-7824' w/60 34" diameter  
holes

**27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7633-7824'	2821 bbl slk wtr, 40,000# 20/40 tempered LC sd

**28. PRODUCTION**

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Plugged and abandoned			Well Status (Prod. or Shut-In) SI	
Date of Test	Hours Tested	Choke Size	Prod'n for Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.
						Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold					Test Witnessed By	
30. List Attachments None						

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Nancy Oltmanns Printed Name Nancy Oltmanns Title Senior Staff Specialist Date 5/11/04

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

## Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinberry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

## Northwestern New Mexico

T. Ojo Alamo	2776'	T. Penn. "B"
T. Kirtland-Fruitland	2924-3012'	T. Penn. "C"
T. Pictured Cliffs	3410'	T. Penn. "D"
T. Cliff House	5073'	T. Leadville
T. Menefee	5228'	T. Madison
T. Point Lookout	5583'	T. Elbert
T. Mancos	6072'	T. McCracken
T. Gallup	6829'	T. Ignacio Otzte
Base Greenhorn	7513'	T. Granite
T. Dakota	7590'	T. Lewis 3577'
T. Morrison		T. Huerfano Bentonite 3907'
T. Todilto		T. Chacra - 4361'
T. Entrada		T. Graneros - 7596'
T. Wingate		T.
T. Chinle		T.
T. Permian		T.
T. Penn "A"		T.

## OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to	feet
No. 2, from	to	feet
No. 3, from	to	feet

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2776'	2924'		White, cr-gr ss.	6072'	6829'		Dark gry carb shale
2924'	3012'		Gry sh interbedded w/tight, gry, fine-gr ss	6829'	7508'		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbedded sh
3012'	3528'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	7508'	7513'		Highly calc gry sh w/thin lmst
3528'	3907'		Bn-gry, fine grn, tight ss	7513'	7596'		Dk gry shale, fossil & carb w/pyrite incl
3907'	4361'		Shale w/siltstone stringers	7596'	7854'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
4361'	5073'		White, waxy chalky bentonite				
5073'	5228'		Gry fn grn silty, glauconitic sd				
5228'	5583'		stone w/drak gry shale				
5583'	6072'		ss. Gry, fine-grn, dense sil ss.				
			Med-dark gry, fine gr ss, carb sh & coal				
			Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation				