

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.

30-039-27608

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

San Juan 27-5 Unit 7454

8. Well No.

115N

9. Pool name or Wildcat

Basin Dakota - 71599

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ DHC Order # 1424AZ

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY 14538

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

4. Well Location

Unit Letter C 1080 Feet From The North Line and 2465 Feet From The West Line

Section 23 Township 27N Range 5W NMPM Rio Arriba County

10. Date Spudded

2/29/04

11. Date T.D. Reached

3/07/04

12. Date Compl. (Ready to Prod.)

4/27/04

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

6552' GL; 6564 - KB

14. Elev. Casinghead

15. Total Depth

7780'

16. Plug Back T.D.

7778'

17. If Multiple Compl. How

Many Zones?

2

18. Intervals

Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Basin Dakota - - 7544' - 7753'

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CBL, GR CCL, CBL-GR-CCL & GR-CCL

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#, H-40 ST&C	234'	12-1/4"	198 sx CI C	16 bbls
7"	20# J-55 ST&C	3600'	8-3/4"	346 + 128 sx CI C	49 bbls
4-1/2"	10.5# J-55 ST&C	7779'	6-1/4"	284 sx CI B	TOC @ 3370'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8", 4.7# J-55	7692'	none

26. Perforation record (interval, size, and number)

7665' - 7753' @ .34" dia @ 2 spf = 52 holes;

7544' - 7620' @ .34" dia. @ 1 spf = 18 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
7544' - 7753' 12 bbls 15% HCL acid; 40,000 # TLC & 2192 bbls slickwater

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 4/27/04	Hours Tested 1	Choke Size 2"	Prod'n for Test Period	Oil - Bbl. 400 mcf/d pitot gauge	Gas - MCF Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. SI 920#	Casing Pressure SI - 926#	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 400 mcf/d	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

*Patsy Clugston*

Printed

Name Patsy Clugston

Title

Sr. Regulatory Specialist

Date

5/25/04

# 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	2781	T. Penn. "B"
T. Kirtland-Fruitland	2919' - 3236'	T. Penn. "C"
T. Pictured Cliffs	3356'	T. Penn. "D"
T. Cliff House	5016	T. Leadville
T. Menefee	5158	T. Madison
T. Point Lookout	5516	T. Elbert
T. Mancos	6027	T. McCracken
T. Gallup	6682	T. Ignacio Otzte
Base Greenhorn	7457	T. Granite
T. Dakota	7542	T. Huer. Bent. - 3884
T. Morrison	not perforated	T. Chacra - 4320'
T. Todillo		T.
T. Entrada		T.
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
2781	2919		White, cr-gr ss.	6027	6682		Dark gry carb shale
2919	3236		Gry sh interbedded w/tight, gry, fine-gr ss	6682	7457		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbedded sh
3236	3356		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	7457	7516		Highly calc gry sh w/thin lmst
3356	3884		Bn-gry, fine grn, tight ss	7516	7542		Dk gry shale, fossil & carb w/pyrite incl
3884	4320		White, waxy chalky bentonite	7542	7780 (TD)		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
4320	5016		Gry fn grn silty, glauconitic sd stone w/drak gry shale				
5016	5158		ss. Gry, fine-grn, dense sil ss.				
5158	5516		Med-dark gry, fine gr ss, carb sh & coal				
5516	6027		Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation				