

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

RECEIVED
MAY 21 1998

OIL CON. DIV.
DIST. 3

WELL API NO.

80-039-25775

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

8. Well No.

#164M

9. Pool name or Wildcat

Blanco MV/Basin DK

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-1859

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

4. Well Location

Unit Letter O : 890 Feet From The South Line and 1615 Feet From The East

Section 30 Township 27N Range 5W NMPM Rio Arriba County, NM

10. Date Spudded

3-22-98

11. Date T.D. Reached

3-28-98

12. Date Compl. (Ready to Prod.)

5-17-98

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

6388 GL, 6400 KB

14. Elev. Casinghead

15. Total Depth

7516'

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

2

18. Intervals Drilled By

Rotary Tools

0-7516'

Cable Tools

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

3656' to 5588' Mesaverde Commingled w/Dakota

20. Was Directional Survey Made

22. Was Well Cored

No

21. Type Electric and Other Logs Run

CNL-GR-CCL

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PUL
9 5/8	32.3#	247'	12 1/4	437 cu ft	
7	20#	3274'	8 3/4	984 cu ft	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2	2688'	7513'	681 cu ft	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	7469'	

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

3656, 3714, 3806, 3865, 3908, 3963, 4008, 4053, 4072, 4098, 4140, 4203, 4215, 4235, 4270, 4344, 4380, 4427, 4443, 4475, 4498, 4530, 4652, 4720, 4727, 4738, 4745, 4756, 4762, 4776, 4803, 4810, 4828, 4838, 4856, 4888, 4928, 4949, 4956, 4983, 5005, 5012, 5035, 5043, 5064, 5073, 5078, 5128, 5192, 5197, 5223, 5289, 5296, 5307, 5333, 5340, 5356, 5368, 5382, 5390, 5404, 5418, 5425, 5442, 5451, 5464, 5488, 5506, 5531, 5552, 5580, 5588

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3656' to 4530'	702 bbl 25# linear gel, 200,000# 20/40 Brady sand
4652 to 5126'	2218 bbl slk wtr, 100,000# 20/40 Brady sand
5192 to 5588'	1928 bbl slk wtr, 100,000# 20/40 AZ sand

28. PRODUCTION

Date First Production 5-17-98	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) SI
Date of Test 5-17-98	Hours Tested	Choke Size
Flow Tubing Press. SI 631	Casing Pressure SI 631	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

Printed

Name Peggy Bradfield

Title

Regulatory Administrator

Date 5/19/98

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. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinberry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo 2350'
 T. Kirtland-Fruitland 2445'-2698'
 T. Pictured Cliffs 3076'
 T. Cliff House 4625'
 T. Menefee 4858'
 T. Point Lookout 5285'
 T. Mancos 5736'
 T. Gallup 6712'
 Base Greenhorn 7200'
 T. Dakota 7405'
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzite _____
 T. Granite _____
 T. Lewis 3152'
 T. Hrnito. Bnt. 3588'
 T. Chacra 3862'
 T. Graneros 7274'
 T. _____
 T. _____
 T. _____
 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
2350	2445		White, cr-gr ss.	5736	6712		Dark gry carb sh.
2445	2698		Gry sh interbedded w/tight, gry, fine-gr ss	6712	7200		Lt gry to brn calc carb micac gl silts & very fine gr gry ss w/irre- interbedded sh
2698	3076		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	7200	7274		Highly calc gry sh w/thin lmst
3076	3152		Bn-gry, fine grn, tight ss	7274	7405		Dk gry shale, fossil & carb w/pyrite incl
3152	3588		Shale w/siltstone stringers	7405	7516		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh ban clay & shale breaks
3588	3862		White, waxy chalky bentonite				
3862	4625		Gry fn grn silty, glauconitic sd stone w/drck gry shale				
4625	4858		ss. Gry, fine-grn, dense sil ss.				
4858	5285		Med-dark gry, fine gr ss, carb sh & coal				
5285	5736		Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation				