

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

Form C-105

Revised 1-1-89

OIL CONSERVATION DIVISION

P. O. Box 2089

Santa Fe, New Mexico 87504-2089

WELL API NO.

30-045-29526

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Allison Unit

8. Well No.

#47

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-2005

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address of Operator

PO BOX 4289, Farmington, NM 87499

4. Well Location

Unit Letter M : 600 Feet From The South Line and 790 Feet From The West Line

Section 8 Township 32N Range 6W NMPM San Juan County, NM

10. Date Spudded

9-27-98

11. Date T.D. Reached

10-8-98

12. Date Compl. (Ready to Prod.)

1-7-99

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

6521' GL / 6533' KB

14. Elev. Casinghead

15. Total Depth

8083'

16. Plug Back T.D.

8033'

17. If Multiple Compl. How

Many Zones?

2

18. Intervals

Drilled By

Rotary Tools

0-8083'

Cable Tools

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

4266' - 6073' Mesaverde Commingled w/Dakota

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

Array Ind/Temp/Dens/Dipole Sonic/Nat GR Spc/FMI/CBL-GR-CCL

22. Was Well Cored

YES

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#	242'	12 1/4	218 cu ft	
7	20#	3549'	8 3/4	1061 cu ft	
4 1/2	10.5#	8083'	6 1/4	724 cu ft	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	7959'	

25. TUBING RECORD

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

4266,4300,4344,4368,4404,4452,4568,4688,4785,4856,  
4957,5279,5304,5323,5347,5385,5398,5414,5425,5437,  
5443,5464,5482,5489,5493,5499,5502,5510,5523,5539,  
5543,5557,5560,5563,5572,5573,5574,5576,5634,5637,  
5646,5656,5673,5680,5700,5706,5715,5728,5758,5779,  
5797,5813,5844,5865,5890,5914,5945,5968,6005,6039,  
6073

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4266' - 4452'	573 bbl 30# Inr gel, 120,000# 20/40 AZ snd, 1,038,000 SCF N2
4568' - 4957'	572 bbl 30# Inr gel, 100,000# 20/40 AZ snd, 960,000 SCF N2
5279' - 5576'	2429 bbl slk wtr, 100,000# 20/40 AZ snd
5634' - 6073'	2297 bbl slk wtr, 89,000# 20/40 AZ snd

28. PRODUCTION

Date First Production 1-7-99	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 1-7-99	Hours Tested	Choke Size	Prod'n for Test Period	Oil - Bbl. Gas - MCF 2042 Pitot Gauge	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. SI 585	Casing Pressure SI 964	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 1/12/99

# 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 2243'	T. Penn. "B" _____
T. Kirtland-Fruitland 2364' & 2766'	T. Penn. "C" _____
T. Pictured Cliffs 3122'	T. Penn. "D" _____
T. Cliff House 5080'	T. Leadville _____
T. Menefee 5445'	T. Madison _____
T. Point Lookout 5628'	T. Elbert _____
T. Mancos 6140'	T. McCracken _____
T. Gallup 7005'	T. Ignacio Otzte _____
Base Greenhorn 7710'	T. Granite _____
T. Dakota 7854'	T. Lewis 3304'
T. Morrison _____	T. Hrnito. Bnt. 4193'
T. Todilto _____	T. Chacra 4652'
T. Entrada _____	T. Graneros 7762'
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
2243	2364		White, cr-gr ss.	6140	67005		Dark gry carb sh.
2364	2766		Gry sh interbedded w/tight, gry, fine-gr ss	7005	7710		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbedded sh
2766	3122		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	7710	7762		Highly calc gry sh w/thin lmst
3122	3304		Bn-gry, fine grn, tight ss	7762	7854		Dk gry shale, fossil & carb w/pyrite incl
3304	4193		Shale w/siltstone stringers	7854	8083'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
4193	4652		White, waxy chalky bentonite				
4652	5080		Gry fn grn silty, glauconitic sd stone w/drak gry shale				
5080	5445		ss. Gry, fine-grn, dense sil ss.				
5445	5628		Med-dark gry, fine gr ss, carb sh & coal				Cut 25 sidewall cores in Lewis zone @ 3940-5190'
5628	6140		Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation				Cut 25 sidewall cores in Mancos zone @ 6305-7823'