

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
SF-078487B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Prichard Federal #1B

9. API WELL NO.

30-045-30974

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 6, T-29-N, R-8-W

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1915'FSL, 660'FEL

At top prod. interval reported below

At total depth

DHC-713az

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPULDED

3-9-02

16. DATE T.D. REACHED

3-18-02

17. DATE COMPL. (Ready to prod.)

5-28-02

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)

6356' GR, 6368' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7670'

21. PLUG, BACK T.D., MD & TVD

7660'

22. IF MULTIPLE COMPL., HOW MANY

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7670'

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)

3859-5563' Mesaverde

Commingled w/Dakota

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL-CCL-GR

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	229'	12 1/4"	188 cu.ft.	
7"	23#	3252'	8 3/4"	940 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2147'	7664'	690 cu.ft.		2 3/8"	7488'	
						(SN @ 7486')	

31. PERFORATION RECORD (Interval, size and number)

3859, 3889, 3891, 3905-3907', 3948, 3950, 3961, 3963, 3965, 4015
4015, 4025, 4028, 4032, 4040, 4070, 4072, 4074, 4076, 4143, 4147
4161, 4163, 4165, 4197, 4227, 4229, 4237, 4239, 4255, 4260
4285, 4287, 4289, 4303, 4305, 4310, 4337, 4491, 4530, 4533, 4569
4641, 4646, 4651, 4656, 4676, 4703, 4706, 4786, 4793, 4797, 4809

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3859-4337'	590 bbl 20# linear gel, 200,000# 20/40 Arizona sd
4491-5131'	2127 bbl slk wtr, 100,000# 20/40 Arizona sd
5224-5563'	2131 bbl slk wtr, 100,000# 20/40 Arizona sd
Perforations cont'd on back	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
5-27-02	1	2"	<div>→</div>		802 MCF/D Pitot Gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 530	SI 360	<div>→</div>		802 MCF/D			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

TITLE

Regulatory Supervisor

DATE

JUN 06 2002

BLM FIELD OFFICE

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMCOO

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1911'	2088'	White, cr-gr ss.	Ojo Alamo	1911'	
Kirtland	2088'	2572'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2088'	
Fruitland	2572'	3022'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2572'	
Pictured Cliffs	3022'	3117'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3022'	
Lewis	3117'	3721'	Shale w/siltstone stringers	Lewis	3117'	
Huerfanito Bentonite*	3721'	3992'	White, waxy chalky bentonite	Huerfanito Bent.	3721'	
Chacra	3992'	4528'	Gry fn grn silty, glauconitic sd stone w/dk gry shale	Chacra	3992'	
Cliff House	4528'	4822'	ss. Gry, fine-grn, dense sil ss.	Cliff House	4528'	
Menefee	4822'	5209'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4822'	
Point Lookout	5209'	5654'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	5209'	
Mancos	5654'	6470'	Dark gry carb sh.	Greenhorn	6470'	
Gallup	6470'	7205'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7205'	
Greenhorn	7205'	7262'	Highly calc gry sh w/thin lmst.	Greenhorn	7205'	
Graneros	7262'	7417'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7262'	
Dakota	7417'	7670'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7417'	

Perforations continued:

4819, 4848, 4855, 4883, 4887, 4903, 49±0, 5007, 5031, 5037, 5065, 5071, 5112, 5131, 5224, 5244, 5236, 5257, 5265, 5269, 5285, 5290, 5304, 5306, 5324, 5327, 5333, 5357, 5359, 5411, 5430, 5452, 5493, 5529, 5531, 5547, 5558, 5563'

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

38. GEOLOGIC MARKERS

BURLINGTON RESOURCES

May 29, 2002

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Prichard Federal #1B
I Section 6, T-29-N, R-8-W
30-045-30974

Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 5-28-02. DHC-713az was issued for this well.

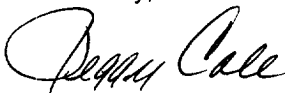
Gas: Mesaverde 69%
Dakota 31%

Oil: Mesaverde 69%
Dakota 31%

These percentages are based upon isolated flow tests from the Mesaverde and Dakota formations during completion operations. Oil was not present during flow test operations. For that reason, oil percentages are based upon gas allocation and are provided in the event this wellbore begins producing oil at some point in the future.

Please let me know if you have any questions.

Sincerely,



Peggy Cole
Regulatory Supervisor

Xc: NMOCD – Santa Fe
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING WELL TEST INFORMATION

Prichard Federal 1B
(Mesaverde/Dakota) Commingle
Unit I, 6-T29N-R8W
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 802 MCFD & 0 BO

Separator test from Dakota = 363 MCFD & 0 BO

GAS:

$$\frac{(MV) 802 \text{ MCFD}}{(MV/ DK) 1165 \text{ MCFD}} = (MV) \% \text{ Mesaverde 69\%}$$

$$\frac{(DK) 363 \text{ MCFD}}{(MV/ DK) 1165 \text{ MCFD}} = (DK) \% \text{ Dakota 31\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 69\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 31\%}$$