

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ 97 AUG 12 PM 12:56

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ 070 FARMINGTON, NM

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 900'FSL, 1815'FEL

At top prod. interval reported below

At total depth

DHC-1583

14. PERMIT NO.

DATE ISSUED

DIST. 3

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED
4-23-97

16. DATE T.D. REACHED
4-29-97

17. DATE COMPL. (Ready to prod.)
7-20-97

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)
6608 GR, 6620 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
7866

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

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY

ROTARY TOOLS
0-7866

CABLE TOOLS

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

7652-7834 Dakota

Commingled w/Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CNL, 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#	217	12 1/4	236 cu.ft.	
7	20#	3668	8 3/4	937 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2	2623	7864	614 cu.ft.	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7808	

31. PERFORATION RECORD (Interval, size and number)

7652, 7658, 7664, 7706, 7709, 7748, 7756, 7762, 7766, 7797, 7807, 7814, 7820, 7826, 2830, 7834

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7652-7834	1288 bbl 30# x-link gel, 90,000# 20/40 tempered DC sd

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (Producing or shut-in)	
7-20-97		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
7-20-97					455 Pitot Gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 600	SI 940						
TESTED BY							

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

To be sold

TEST WITNESSED BY

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 Administrator

ACCEPTED FOR RECORD
AUG 11 1997

*(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

AUG 18 1997
FARMINGTON DISTRICT OFFICE
BY [Signature]

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2681'	2731'	White, cr-gr ss.			
Kirtland	2731'	3138'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3138'	3468'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	2681'	
Pictured Cliffs	3468'	3582'	Bn-Gry, fine grn, tight ss.	Kirtland	2731'	
Lewis	3582'	4050'	Shale w/siltstone stringers	Fruitland	3138'	
Huerfanto Bentonite*	4050'	4410'	White, waxy chalky bentonite	Pic. Cliffs	3468'	
Chacra	4410'	5012'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Lewis	3582'	
Cliff House	5012'	5296'	ss. Gry, fine-grn, dense sil ss.	Huerfanto Bent.	4050'	
Menefee	5296'	5630'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	4410'	
Point Lookout	5630'	5913'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Cliff House	5012'	
Mancos	5913'	6854'	Dark gry carb sh.	Menefee	5298'	
Gallup	6854'	7538'	Lt gry to brn calc carb m/cac glauc silts & very fine gr gry ss w/irreg. interbed sh	Pt. Lookout	5630'	
Greenhorn	7538'	7604'	Highly calc gry sh w/thin lmst.	Mancos	5913'	
Graneros	7604'	7748'	Dk gry shale, fossil & carb w/pyrite incl.	Gallup	6854'	
Dakota	7748'	7866'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	7538'	
				Graneros	7604'	
				Dakota	7748'	

38. GEOLOGIC MARKERS

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

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Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ 57 AUG 12 PM 12:55

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ 070 FARMINGTON NM

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 900°FSL, 1815°FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
DHC-1583 OIL CON. DIV. DIST. 3 AUG 13 1997

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUNDED
4-23-97

16. DATE T.D. REACHED
4-29-97

17. DATE COMPL. (Ready to prod.)
7-20-97

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*
6608 GR. 6620 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
7866

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

22. IF MULTIPLE COMPL., HOW MANY*
2

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS
0-7866

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
5058-5994 Mesaverde
Commingled w/Dakota

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CNL, 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#	217	12 1/4	236 cu.ft.	
7	20#	3668	8 3/4	937 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2	2623	7864	614 cu.ft.	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7808	

31. PERFORATION RECORD (Interval, size and number)
5058, 5100, 5143, 5165, 5184, 5210, 5235, 5260, 5272, 5281, 5293, 5317, 5335, 5340, 5370, 5375, 5384, 5390, 5414, 5418, 5423, 5478, 5504, 5553, 5632, 5648, 5657, 5678, 5699, 5712, 5722, 5735, 5743, 5756, 5777, 5798, 5812, 5818, 5836, 5858, 5879, 5897, 5910, 5943, 5950

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5058-5553	81,892 gal sik wtr, 70,000# 20/40 Ariz sd
5632-5994	99,961 gal sik wtr, 100,000# 20/40 Ariz sd

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-20-97	Flowing	SI

DATE OF TEST
7-20-97

HOURS TESTED
SI 600

CHOKE SIZE
SI 940

PROD FOR TEST PERIOD
1585 Pitot Gauge

OIL-BBL
GAS-MCF
WATER-BBL

FLOW, TUBING PRESS.
SI 600

CASING PRESSURE
SI 940

CALCULATED 24-HOUR RATE
SI 940

TEST WITNESSED BY

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)
To be sold

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]

Regulatory Administrator

DATE

ACCEPTED FOR RECORD

*(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

AUG 13 1997
FARMINGTON DISTRICT OFFICE
BY

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents, depth of core intervals, and all well-logs, tests, including depth interval tested, casing used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2681'	2731'	White, cr-gr ss.	Ojo Alamo	2681'	
Kirtland	2731'	3138'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2731'	
Fruitland	3138'	3468'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3138'	
Pictured Cliffs	3468'	3582'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3468'	
Lewis	3582'	4050'	Shale w/siltstone stringers	Lewis	3582'	
Huerfanto Bentonite*	4050'	4410'	White, waxy chalky bentonite	Huerfanto Bent.	4050'	
Chacra	4410'	5012'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4410'	
Cliff House	5012'	5296'	ss. Gry, fine-grn, dense slt ss.	Cliff House	5012'	
Menefee	5296'	5630'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5296'	
Point Lookout	5630'	5913'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	5630'	
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Gallup	6854'	7538'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6854'	
Greenhorn	7538'	7604'	Highly calc gry sh w/thin lmst.	Greenhorn	7538'	
Graneros	7604'	7748'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7604'	
Dakota	7748'	7866'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7748'	

Perforations continued:
5967, 5980, 5994

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