

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 ☐ 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 **L (NWSW), 2225' FSL, 1150' FWL**

At top prod. interval reported below **same as above**

At total depth **same as above**

NOV 03 2010

Farmington Field Office
Bureau of Land Management

5. LEASE DESIGNATION AND SERIAL NO.

SF-078201-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMNM-112630-DK

8. FARM OR LEASE NAME, WELL NO.

Riddle A 3C

9. API WELL NO.

30-045-35001-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 24, T30N, R9W

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUNDED **7/15/2010** 16. DATE T.D. REACHED **7/21/2010** 17. DATE COMPL. (Ready to prod.) **10/16/2010**

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* **GL 5719' KB 5734'**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **7006'**

21. PLUG, BACK T.D., MD & TVD **7003'**

22. IF MULTIPLE COMPL., HOW MANY* **2**

23. INTERVALS DRILLED BY

ROTARY TOOLS **yes**

CABLE TOOLS

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

Basin Dakota - 6742' - 6986'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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" - H-40	32.3#	233'	12 1/4"	Surface, 180sx(230cf-41bbbls)	17bbbls
7" - J-55	20#	2680'	8 3/4"	368sx(752cf-134bbbls)	30bbbls
4 1/2" - L-80	11.6#	7005'	6 1/4"	TOC@1164' 315sx(634cf-113bbbls)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, J-55	6923'	

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 6742' - 6860' = 24 Holes
2SPF @ 6866' - 6986' = 36 Holes

Dakota Total Holes = 60

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

6742' - 6986'

Acidize w/ 10bbbls 15% HCL. Frac w/ 31,752gals 85% Slickwater N2 foam w/24,984# 20/40 Arizona sand.

NOV 12 2010

OIL CONS. DIV.

DIST. 3

33. PRODUCTION
DATE FIRST PRODUCTION **N/A** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
10/15/2010 ✓	1 hr.	1/2"	→	0	19 mcf/h	trace	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 512psi	SI - 292psi	→	0	465 mcf/d ✓	17 bwpd ✓		

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3205AZ

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

SIGNED Dallas K. Burr TITLE **Staff Regulatory Technician** DATE **10/26/2010**

*(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.

NMOCD

ACCEPTED FOR RECORD

NOV 09 2010

FARMINGTON FIELD OFFICE
BY L. Salyers

API # 30-045-35001	Riddle A 3C				
Ojo Alamo	1212'	1427'	White, cr-gr ss.	Ojo Alamo	1212'
Kirtland	1427'	2063'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1427'
Fruitland	2063'	2450'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2063'
Pictured Cliffs	2450'	2542'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2450'
Lewis	2542'	3142'	Shale w/siltstone stringers	Lewis	2542'
Huerfano Bentonite	3142'	3474'	White, waxy chalky bentonite	Huerfano Bent.	3142'
Chacra	3474'	3960'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	3474'
Mesa Verde	3960'	4250'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3960'
Menefee	4250'	4648'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4250'
Point Lookout	4648'	5033'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4648'
Mancos	5033'	5892'	Dark gry carb sh.	Mancos	5033'
Gallup	5892'	6637'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	5892'
Greenhorn	6637'	6689'	Highly calc gry sh w/thin lmst.	Greenhorn	6637'
Graneros	6689'	6740'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6689'
Dakota	6740'	6833'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	6740'

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7. UNIT AGREEMENT NAME

NMM-73237-MV

8. FARM OR LEASE NAME, WELL NO.

Riddle A 3C

9. API WELL NO.

30-045-35001-0002

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 24, T30N, R9W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

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7006'

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

7003'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Blanco Mesaverde 3476' - 4976'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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" - H-40	32.3#	233'	12 1/4"	Surface, 180sx(230cf-41bbls)	17bbls
7" - J-55	20#	2680'	8 3/4"	368sx(752cf-134bbls)	30bbls
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29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, J-55	6923'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 4490' - 4976' = 27 Holes
Menefee/Cliffhouse w/ .34" diam.
1SPF @ 3964' - 4422' = 28 Holes
Lewis w/ .34" diam.
1SPF @ 3476' - 3852' = 26 Holes

Mesaverde Total Holes = 81 ✓

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

4490' - 4976'	Acidize w/ 10bbls 15% HCL. Frac w/ 34,314 gals 70% Slickwater N2 foam w/ 100,499# 20/40 Arizona sand. N2:1,057,700SCF
3964' - 4422'	Acidize w/ 10bbls 15% HCL. Frac w/ 36,372 gals 70% Slickwater N2 foam w/ 100397# 20/40 Arizona sand. N2:984,500SCF
3476' - 3852'	Frac w/ 26,124gals visco-elastic 75% N2 foam w/95,470# 20/40 Arizona sand. N2:1,083,900SCF

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
N/A		FLOWING ✓					SI ✓	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
10/13/2010 ✓	1 hr.	1/2"	→	0	81 mcf/h	trace		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI - 512psi	SI - 292psi	→	0	1947 mcf/d ✓	20 bwpd ✓			

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

To be sold

TEST WITNESSED BY NOV 12 '10
OIL CONS. DIV.

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DIST. 3

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Staff Regulatory Technician

DATE

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BY T. Solvers

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Huerfano Bentonite	3142'	3474'	White, waxy chalky bentonite
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Dakota	6740'	6833'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks