

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-079393

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME *UNMNM 754093*

San Juan 27-5 Unit

8. FARM OR LEASE NAME, WELL NO.

1M

9. API WELL NO.

30-039-30797 00C2

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 4, T27N, R5W

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 A (NENE), 660' FNL & 275' FEL

At top prod. interval reported below SAME AS ABOVE

At total depth SAME AS ABOVE

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

04/15/2010

16. DATE T.D. REACHED

05/06/2010

17. DATE COMPL. (Ready to prod.)

09/14/2010

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

GL 6547' KB 6563'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7808'

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

7803'

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)*

Blanco Mesaverde 4340' - 5892'

25. WAS DIRECTIONAL
SURVEY MADE

YES

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#	232'	12 1/4"	Surface, 173sx (222cf-39bbbls)	5 bbbls
7" / J-55	20#	3644'	8 3/4"	Surface, ST@2881', 413 294sx(591cf-105bbbls)	47 bbbls
4 1/2" / J-55	11.6#	7805'	6 1/4"	TOC@2886', 294sx(591cf-105bbbls)	

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	7719'	

31. PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.

1SPF @ 5387' - 5892' = 25 Holes

Upper Menefee/Climhouse w/ .34" diam.

1SPF @ 4946' - 5314' = 28 Holes

Lewis w/ .34" diam.

1SPF @ 4340' - 4898' = 25 Holes

Mesaverde Total Holes = 78

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

5387' - 5892'

Acidize w/ 10bbbls 15% HCL. Frac w/ 38,094gals 70%
SlickWater w/ 103,644# of 20/40 Arizona Sand.
N2:1,110,000SCF

4946' - 5314'

Acidize w/ 10bbbls 15% HCL. Frac w/ 35,448gals 70%
SlickWater w/ 98,188# of 20/40 Arizona Sand.
N2:1,093,000SCF

4340' - 4898'

Frac w/ 33,516gals 75% Aquastar Foam w/ 95,932# of 20/40
Arizona Sand. N2:1,766,000SCF

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
09/08/2010	1 hr.	1/2"	→	0	140 mcf/h	trace	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
		→	0	3368 mcf/d	20 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 # 3233AZ

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

SIGNED

Capital Tabara

TITLE

Staff Regulatory Technician

DATE

10/4/2010

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

NMOC

OCT 05 2010

FARMINGTON FIELD OFFICE

2010

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RCVD OCT 7 '10
OIL CONS. DIV.
DIST. 3

API # 30-039-30797		San Juan 27-5 Unit 1M		
Ojo Alamo	2720'	2898'	White, cr-gr ss.	Ojo Alamo
Kirtland	2898'	3006'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland
Fruitland	3006'	3390'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland
Pictured Cliffs	3390'	3472'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs
Lewis	3472'	3982'	Shale w/siltstone stringers	Lewis
Huerfanito Bentonite	3982'	4331'	White, waxy chalky bentonite	Huerfanito Bent.
Chacra	4331'	4942'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra
Mesa Verde	4942'	5192'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde
Menefee	5192'	5554'	Med-dark gry, fine gr ss, carb sh & coal	Menefee
Point Lookout	5554'	6069'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout
Mancos	6069'	6732'	Dark gry carb sh.	Mancos
Gallup	6732'	7479'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup
Greenhorn	7479'	7545'	Highly calc gry sh w/within lmst.	Greenhorn
Graneros	7545'	7580'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros
Dakota	7580'	7808'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison

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30-039-30797

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Basin Dakota

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

Sec. 4, T27N, R5W

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 ☐

OCT 04 2010

2. NAME OF OPERATOR

Burlington Resources Oil & Gas Company

Farmington Field Office

3. ADDRESS AND TELEPHONE NO.

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

Bureau of Land Management

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

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GL 6547' KB 6563'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7808'

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

7803'

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 7532' - 7767'

25. WAS DIRECTIONAL SURVEY MADE

YES

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
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7" / J-55	20#	3644'	8 3/4"	Surface, ST@2881', 294sx(591cf-105bbbls)	47 bbbls
4 1/2" / J-55	11.6#	7805'	6 1/4"	TOC@2886', 294sx(591cf-105bbbls)	

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	7719'	

31. PERFORMANCE RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 7532' - 7678' = 14 Holes
2SPF @ 7686' - 7767' = 24 Holes

Dakota Total Holes = 38

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

7532' - 7767'

Acidize w/ 10bbbls 15% HCL. Frac w/ 107,688gals SlickWater w/ 40,396# of 20/40 Arizona Sand.

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
09/13/2010	1 hr.	1/2"	→	0	37 mcf/h	trace	
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 12psi	SI - 624psi	→	0	899 mcf/d	3 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 # 3233AZ

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

SIGNED Catal Talaya TITLE

Staff Regulatory Technicain

DATE 10/4/2010

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ACCEPTED FOR RECORD

OCT 05 2010

NMOCD

FARMINGTON FIELD OFFICE

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API # 30-039-30797	San Juan 27-5 Unit 1M				
Ojo Alamo	2720'	2898'	White, cr-gr ss.	Ojo Alamo	2720'
Kirtland	2898'	3006'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2898'
Fruitland	3006'	3390'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3006'
Pictured Cliffs	3390'	3472'	Bn-Gry, fine grn, tight ss.	Pic Cliffs	3390'
Lewis	3472'	3982'	Shale w/siltstone stringers	Lewis	3472'
Huerfano Bentonite	3982'	4331'	White, waxy chalky bentonite	Huerfano Bent.	3982'
Chacra	4331'	4942'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	4331'
Mesa Verde	4942'	5192'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4942'
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Gallup	6732'	7479'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6732'
Greenhorn	7479'	7545'	Highly calc gry sh w/thin lmst.	Greenhorn	7479'
Graneros	7545'	7580'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7545'
Dakota	7580'	7808'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7580'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	