

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-080672

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

Report to lease

7 UNIT AGREEMENT NAME

San Juan 27-4 Unit

8 FARM OR LEASE NAME, WELL NO

109A

9 API WELL NO

30-039-30618-0001

10 FIELD AND POOL, OR WILDCAT

Basin Dakota

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

RCVD NOV 9 '09
OIL CONS. DIV.
Sec. 23, T27N, R4W

DIST. 3

12 COUNTY OR
PARISH

Bio Arriba

13 STATE

New Mexico

15 DATE SPUDDED

07/27/2009

16. DATE T.D. REACHED

08/06/2009

17 DATE COMPL (Ready to prod)

10/15/2009

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

GL 6948' KB 6964'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 8408' TVD 8225'

21 PLUG, BACK T D, MD & TVD

MD 8402' TVD 8219'

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)

Basin Dakota 8226' - 8383'

25. WAS DIRECTIONAL
SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

27 WAS WELL CORED

No

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#	226'	12 1/4"	Surface, 76sx(122cf-22bbbls)	1 bbbls
7" / J-55	23#	4248'	8 3/4"	Surface, ST@3405', 584sx(1197cf-212bbbls)	53 bbbls
4 1/2" / J-55	11.6#	8406'	6 1/4"	TOC@3040', 310sx(621cf-111bbbls)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8", 4.7#, L-80	8327'	

31 PERFORMATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 8226' - 8313' = 19 Holes
2SPF @ 8323' - 8383' = 50 Holes

Dakota Total Holes = 69 ✓

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

8226' - 8383' Acidize w/ 15bbbls 2% KCL. Frac w/ 90,510gals SlickWater w/ 40,300# 20/40 TLC 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
10/15/2009 ✓	1 hr.	1/2"	→	0	62 mcf/h	1/2 bwph	

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)
SI - 959psi	SI - 1045psi	→	0	1494 mcf/d ✓	14 bwpd ✓	

34. DISPOSITION OF GAS (Solid, 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 # 3081AZ

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

SIGNED Crystal Tabera TITLE

Regulatory Technicaln

DATE 11/4/2009

(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.

ACCEPTED FOR RECORD

NOV 06 2009

FARMINGTON FIELD OFFICE
BY T. Salazar

3/29/12

API # 30-039-30618		San Juan 27-4 Unit 109A	
Ojo Alamo	3366'	3566'	White, cr-gr ss.
Kirtland	3566'	3754'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	3754'	3982'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	3982'	4154'	Bn-Gry, fine grn, tight ss.
Lewis	4154'	4512'	Shale w/siltstone stringers
Huerfanito Bentonite	4512'	4946'	White, waxy chalky bentonite
Chacra	4946'	5566'	Gry fn grn silty, glauconitic sd stone w/drck gry shale
Mesa Verde	5566'	5814'	Light gry, med-fine gr ss, carb sh & coal
Menefee	5814'	6154'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	6154'	6682'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation
Mancos	6682'	7186'	Dark gry carb sh.
Gallup	7186'	8110'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh
Greenhorn	8110'	8179'	Highly calc gry sh w/thin lmst.
Graneros	8179'	8224'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	8224'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss

40

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ONE NO 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO. **SF-080672**

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMMN-78408A-MU

7 UNIT AGREEMENT NAME

San Juan 27-4 Unit

8 FARM OR LEASE NAME, WELL NO

109A

9 API WELL NO

30-039-30618-0002

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

OR AREA **RCVD NOV 9 '09**

OIL CONS DIV.

Sec. 23, T27N, R4W

DIST. 3

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 **B (NWNE), 1160' FNL & 2485' FEL**

At top prod. interval reported below **B (NWNE), 1003' FNL & 1388' FEL**

At total depth **B (NWNE), 1003' FNL & 1388' FEL**

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUDDED
07/27/2009

16. DATE T.D. REACHED
08/06/2009

17 DATE COMPL (Ready to prod)
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18 ELEVATIONS (DF, RKB, RT, BR, ETC.)*
GL 6948' KB 6964'

19 ELEV CASINGHEAD

20. TOTAL DEPTH, MD & TVD
MD 8408' TVD 8225'

21. PLUG, BACK T.D., MD & TVD
MD 8402' TVD 8219'

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 5980' - 6391'

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#	226'	12 1/4"	Surface, 76sx(122cf-22bbbls)	1 bbbls
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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#, L-80	8327'	

31 PERFORATION RECORD (Interval, size and number)

Lower Menefee/Point Lookout w/ .34" diam.

1SPF @ 5980' - 6391' = 25 Holes

Mesaverde Total Holes = 25 ✓

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

5980' - 6391'

Acidize w/ 15bbbls 2% KCL. Frac w/ 114,975gals 60% SlickWater w/ 101,540# 20/40 Brady Sand. N2:1,344,400SCF.

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
10/07/2009 ✓	1 hr.	1/2"		trace	167 mcf/h	1 bwph	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR)	
SI - 959psi	SI - 1045psi		3 bbbls ✓	4008 mcf/d	24 bwph ✓		

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

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

SIGNED **Regulatory Technician** TITLE

DATE **11/4/2009**

DATE

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NOV 06 2009

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BY **T. Savers**

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Lewis	4154'	4512'	Shale w/siltstone stringers
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Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss