

**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-079363

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMM-78412C-DW

7 UNIT AGREEMENT NAME

San Juan 28-6 Unit

8 FARM OR LEASE NAME, WELL NO.

166N

9 API WELL NO

30-039-30637-0001

10 FIELD AND POOL, OR WILDCAT

Basin Dakota

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

RCVD NOV 20 '09

Sec. 1, T27N, R6W

OIL CONS. DIV.

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 ☐

RECEIVED

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 **F (SENW), 1605' FNL & 2495' FWL**

At top prod. interval reported below **SAME AS ABOVE**

At total depth **SAME AS ABOVE**

NOV 17 2009

14 PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15. DATE SPUNDED

08/24/2009

16 DATE T D REACHED

10/01/2009

17 DATE COMPL. (Ready to prod)

11/06/2009

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

GL 6523'

KB 6539'

19 ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7757'

21 PLUG, BACK T D, MD & TVD

7755'

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 7497' - 7702'

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#	231'	12 1/4"	Surface, 76sx(122cf-22bbbls)	1 bbl
7" / J-55	20#	3592'	8 3/4"	Surface, ST@2666'	
4 1/2" / J-55	10.5#	7756'	6 1/4"	493sx(1020cf-181bbbls)	60 bbbls
				TOC@2870', 304sx(611cf-109bbbls)	

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	7668'	

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.

1SPF @ 7497' - 7668' = 35 Holes

2SPF @ 7676' - 7700' = 28 Holes

Dakota Total Holes = 63

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

7497' - 7702'

Acidize w/ 10bbbls 15% HCL. Frac w/ 96,810gals SlickWater w/ 43,430# of 20/40 Arizona Sand.

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
11/06/2009	1 hr.	1/2"	→	0	72 mcf/h	trace	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 871psi	SI - 773psi	→	0	1736 mcf/d	7 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 # 3203AZ

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

SIGNED

Crystal Tapia

TITLE

Regulatory Technicain

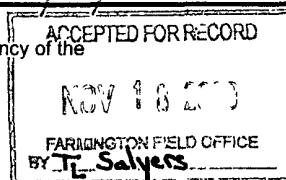
DATE

11/17/2009

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

NMOC



PC

API # 30-039-30637		San Juan 28-6 Unit 166N	
Ojo Alamo	2663'	2745'	White, cr-gr ss.
Kirtland	2745'	3019'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	3019'	3286'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	3286'	3474'	Bn-Gry, fine grn, tight ss.
Lewis	3474'	3846'	Shale w/siltstone stringers
Huerfanito Bentonite	3846'	4247'	White, waxy chalky bentonite
Chacra	4247'	4855'	Gry fn grn silty, glauconitic sd stone w/dr k gry shale
Mesa Verde	4855'	5125'	Light gry, med-fine gr ss, carb sh & coal
Menefee	5125'	5490'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	5490'	5876'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation
Mancos	5876'	6660'	Dark gry carb sh.
Gallup	6660'	7411'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh
Greenhorn	7411'	7466'	Highly calc gry sh w/thin lmst.
Graneros	7466'	7495'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	7495'		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

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8 FARM OR LEASE NAME, WELL NO

166N

9 API WELL NO

30-039-30637-0002

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 1, T27N, R6W

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

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GL 6523'

KB 6539'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

7757'

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

7755'

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 4249' - 5717'

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#	231'	12 1/4"	Surface, 76sx(122cf-22bbbls)	1 bbl
7" / J-55	20#	3592'	8 3/4"	Surface, ST@2666'	
4 1/2" / J-55	10.5#	7756'	6 1/4"	493sx(1020cf-181bbbls)	60 bbbls
				TOC@2870', 304sx(611cf-109bbbls)	

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	7668'	

30. TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 5226' - 5717' = 25 Holes
Menefee/Ciffhouse w/ .34" diam.
1SPF @ 4857' - 5151' = 25 Holes
Lewis w/ .34" diam.
1SPF @ 4249' - 4802' = 25 Holes

Mesaverde Total Holes = 75 ✓

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

5226' - 5717'	Acidize w/ 10bbbls 15% HCL. Frac w/ 48,888gals 60% SlickWater w/ 100,760# of 20/40 Arizona Sand. N2:1,053,900SCF.
4857' - 5151'	Acidize w/ 10bbbls 15% HCL. Frac w/ 47,922gals 60% SlickWater w/ 99,347# of 20/40 Arizona Sand. N2:956,600SCF.
4249' - 4802'	Acidize w/ 10bbbls 15% HCL. Frac w/ 29,778gals 75% FracFoam w/ 88,736# of 20/40 Arizona Sand. N2:1,544,200SCF.

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
11/02/2009 ✓	1 hr.	1/2"	→	0	103 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 - 871psi	SI - 773psi	→	0	2462 mcf/d ✓	12 bwph ✓		

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 # 3203AZ

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

SIGNED

Reginal Tafuya

TITLE

Regulatory Technicaian

DATE

11/17/2009

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

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NMOCD 40

ACCEPTED FOR RECORD

NOV 18 2009

FARMINGTON FIELD OFFICE
BY J. L. Sayers

2/20/02

API # 30-039-30637		San Juan 28-6 Unit 166N	
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Kirtland	2745'	3019'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	3019'	3286'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	3286'	3474'	Bn-Gry, fine grn, tight ss.
Lewis	3474'	3846'	Shale w/siltstone stringers
Huerfanito Bentonite	3846'	4247'	White, waxy chalky bentonite
Chacra	4247'	4855'	Gry fn grn silty, glauconitic sd stone w/drk gry shale
Mesa Verde	4855'	5125'	Light gry, med-fine gr ss, carb sh & coal
Menefee	5125'	5490'	Med-dark gry, fine gr ss, carb sh & coal
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Graneros	7466'	7495'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	7495'		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