

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5 LEASE DESIGNATION AND SERIAL NO. <b>SF-080673</b>	
b TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> Other _____		6 IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NMM-7840807</b>	
2 NAME OF OPERATOR <b>Burlington Resources Oil &amp; Gas Company</b>		7 UNIT AGREEMENT NAME <b>San Juan 27-4 Unit</b>	
3 ADDRESS AND TELEPHONE NO <b>PO BOX 4289, Farmington, NM 87499 (505) 326-9700</b>		8 FARM OR LEASE NAME, WELL NO <b>123P</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>J (NWSE), 2075' FSL &amp; 2515' FEL</b> At top prod. interval reported below <b>G(SWNE), 1669' FNL &amp; 2404' FEL</b> At total depth <b>Same as above</b>		9. API WELL NO <b>30-039-30591-00C1</b>	
10 FIELD AND POOL, OR WILDCAT <b>Basin Dakota</b>		11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Section 7, T27N, R4W</b>	
14. PERMIT NO. _____ DATE ISSUED _____		12 COUNTY OR PARISH <b>Rio Arriba</b>	
13 STATE <b>New Mexico</b>		15 DATE SPUNDED <b>5/19/11</b>	
16 DATE T.D. REACHED <b>6/6/11</b>		17 DATE COMPL. (Ready to prod.) <b>8/26/11 - GRS</b>	
18 ELEVATIONS (OF, RKB, RT, BR, ETC)* <b>GL-6,908' / KB-6,923'</b>		19 ELEV CASINGHEAD	
20 TOTAL DEPTH, MD & TVD <b>MD-8,469'/TVD-8,135'</b>		21 PLUG, BACK T.D., MD & TVD <b>MD-8,467'/TVD-8,133'</b>	
22 IF MULTIPLE COMPL., HOW MANY* <b>2</b>		23 INTERVALS DRILLED BY <b>yes</b>	
24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* <b>Basin Dakota 8,402' - 8,288'</b>		25 WAS DIRECTIONAL SURVEY MADE <b>YES</b>	
26 TYPE ELECTRIC AND OTHER LOGS RUN <b>GR/CCL/CBL</b>		27 WAS WELL CORED <b>No</b>	
28 CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE		WEIGHT, LB/FT	
9 5/8" H-40		32.3#	
DEPTH SET (MD)		HOLE SIZE	
234'		12 1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
Surface 76 sx(122cf)		1/4 bbl	
TOC @ 520', 639 sx(1310cf)		15 bbls on 1st stage	
Stage tool @ 3,854'		0 bbls on 2nd stage	
TOC @ 2,776' 258 sx(521cf)			
29 LINER RECORD			
SIZE		TOP (MD)	
7" J-55		23#	
BOTTOM (MD)		SACKS CEMENT*	
4 1/2" L-80		11.6#	
SCREEN (MD)		SIZE	
6 1/4"		2 3/8" L-80	
DEPTH SET (MD)		PACKER SET (MD)	
8,372'			
30 TUBING RECORD			
31 PERFORATION RECORD (Interval, size and number) <b>Basin Dakota w/ .34" diam 8462'</b> <b>2 SPF @ 8,402' - 8,262' = 30 holes</b> <b>1 SPF @ 8,288' - 8,362' = 21 holes</b> <b>Total Holes = 51</b>			
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <b>8,402' - 8,288'</b> <b>Acidize w/ 10 bbls 15% HCL acid. Frac w/ 40,992 gal 70Q N2 slickfoam w/ 40,144# 20/40 Arizona sand. N2: 2,494,000scf</b>			
33 PRODUCTION			
DATE FIRST PRODUCTION <b>8/26/11 - GRS</b>		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>FLOWING</b>	
WELL STATUS (Producing or shut-in) <b>SI</b>			
DATE OF TEST <b>9/1/11</b>		HOURS TESTED <b>1</b>	
CHOKE SIZE <b>1/2</b>		PROD'N FOR TEST PERIOD <b>0</b>	
OIL--BBL <b>29mcf/h</b>		GAS--MCF <b>trace</b>	
WATER--BBL <b>trace</b>		GAS-OIL RATIO	
FLOW TUBING PRESS. <b>SI-579psi</b>		CASING PRESSURE <b>SI-566psi</b>	
CALCULATED 24-HOUR RATE <b>0</b>		OIL--BBL <b>685mcf/d</b>	
GAS--MCF <b>1bw/d</b>		WATER--BBL	
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>To be sold</b>			
TEST WITNESSED BY			
35 LIST OF ATTACHMENTS <b>This is a Blanco Mesa Verde/Basin Dakota being commingled by DHC Order # 3043 AZ.</b>			
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			

SIGNED Denise Journey TITLE \_\_\_\_\_

Staff Regulatory Technician

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

SEP 16 2011

NMOCD Ar

FARMINGTON FIELD OFFICE  
BY SW PC

<b>API# 30-039-30591</b>			<b>SAN JUAN 27-4 UNIT 123P</b>		
Ojo Alamo	3367'	3602'	White, cr-gr ss.	Ojo Alamo	3367'
Kirtland	3602'	3836'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3602'
Fruitland	3836'	4060'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3836'
Pictured Cliffs	4060'	4242'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	4060'
Lewis	4242'	5045'	Shale w/siltstone stringers	Lewis	4242'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bent.	
Chacra	5045'	5660'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	5045'
Mesa Verde	5660'	5921'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5660'
Menefee	5921'	6242'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5921'
Point Lookout	6242'	6615'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6242'
Mancos	6615'	7418'	Dark gry carb sh.	Mancos	6615'
Gallup	7418'	8188'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7418'
Greenhorn	8188'	8253'	Highly calc gry sh w/thin lmst.	Greenhorn	8188'
Graneros	8253'	8286'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8253'
Dakota	8286'	8469'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8286'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

PC

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SUBMIT IN DUPLICATE\*

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OMB NO 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-080673

## 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 &amp; 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 J (NESE), 2075' FSL &amp; 2515' FEL

At top prod. interval reported below

G (SWNE), 1669' FNL &amp; 2404' FEL

At total depth Same as above

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM-78408A

7 UNIT AGREEMENT NAME

San Juan 27-4 Unit

8 FARM OR LEASE NAME, WELL NO

123P

9 API WELL NO

30-039-30591-00C2

10 FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Section 7, T27N, R4W

RECEIVED

SEP 15 2011

Farmington Field Office  
Bureau of Land Management

14. PERMIT NO DATE ISSUED

12 COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUDDED

5/19/11

16 DATE T D REACHED

6/6/11

17 DATE COMPL. (Ready to prod.)

8/25/11 - GRS

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

GL-6,908' / KB-6,923'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD &amp; TVD

MD-8,469'/TVD-8,135'

21 PLUG, BACK T D, MD &amp; TVD

MD-8,467'/TVD-8,133'

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 Mesa Verde 5,050' - 6,514'

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#	234'	12 1/4"	Surface, 76 sx(122cf)	1/4 bbl
7", J-55	23#	4,834'	8 3/4"	TOC @ 520', 639 sx(1310cf) Stage Tool @ 3,854'	15 bbls on Stage 1 0 bbls on Stage 2
4 1/2", L-80	11.6#	8,468'	6 1/4"	TOC @ 2,776 - 258 sx(521cf)	

## 29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8" L-80		
					4.7#	8,372'	

## 31 PERFORATION RECORD (Interval, size and number)



Point Lookout w/ .34" diam -  
1 SPF @ 6,045' - 6,514' = 25 holes  
Upper Menefee / Cliffhouse w/ .34" diam  
1 SPF @ 5,664' - 6,020' = 25 holes  
Lewis w/ .34" diam -  
1SPF @ 5,050'-5,540'=25 holes  
Total Holes = 75

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

6,045' - 6,514'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 37,960 gal 70Q N2 slickfoam w/ 100,266# 20/40 Arizona sand. N2: 1,533,000scf
5,664' - 6,020'	
	Frac w/ 36,582 gal 70Q N2 slickfoam w/ 101,116# 20/40 Arizona Sand. N2: 1,412,000scf.
5,050' - 5,540'	
	Frac w/ 40,152 gal 75Q Visco Elastic Foam w/ 103,712# 20/40 Arizona Sand. N2: 2,648,000scf

33

## PRODUCTION

DATE FIRST PRODUCTION 8/25/11 - GRS		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>FLOWING</b>				WELL STATUS (Producing or shut-in) <b>SI</b>	
DATE OF TEST <b>9/1/11</b>	HOURS TESTED <b>1</b>	CHOKE SIZE <b>1/2"</b>	PROD'N FOR TEST PERIOD 	OIL--BBL <b>0</b>	GAS--MCF <b>64mcf/h</b>	WATER--BBL <b>4bw/h</b>	GAS-OIL RATIO
FLOW TUBING PRESS <b>SI-579psi</b>	CASING PRESSURE <b>SI-566psi</b>	CALCULATED 24-HOUR RATE 	OIL--BBL <b>0</b>	GAS--MCF <b>1542mcf/d</b>	WATER--BBL <b>95bw/d</b>	OIL GRAVITY-API (CORR )	

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is a Blanco Mesa Verde/Basin Dakota being commingled by DHC Order # 3,034 AZ.

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

SIGNED

Dennis J. Jolley

TITLE

Staff Regulatory Technician

DATE

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