

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN DUPLICATE

JUL 10 2009
(See other Instructions on reverse side)

FOR APPROVED
OMB NO 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO.

NMSF - 080670

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME, WELL NO

52N

9 API WELL NO

30-039-30488

10 FIELD AND POOL, OR WILDCAT

Basin DK

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

Sec. 29, T27N, R4W, NMPM

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 Unit C (NENW), 1070' FNL I& 1390' FWL

At top prod. interval reported below Unit E (SWNW), 1882' FNL & 486' FWL

At total depth Unit E (SWNW), 1882' FNL & 486' FWL

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH
Rio Arriba

13 STATE

New Mexico

15 DATE SPUDDED

08/19/2008

16 DATE T D REACHED

09/21/2008

17 DATE COMPL (Ready to prod)

06/25/2009

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

GL-7191' - KB-7207'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD-8621' /TVD - 8447'

21 PLUG, BACK T D., MD & TVD

MD 8601' / TVD - 8427'

22 IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

yes

ROTARY TOOLS

CABLE TOOLS

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

Dakota -8416' - 8598'

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"	32.3#/H-40	351'	12 1/4"	Surface: 230 sx (276 cf)	26 bbbs
7"	23#/J-55	5356'	8 3/4"	Stage Tool @ 3766'	
4 1/2"	11.6#/J-55	8618'	6 1/4"	Surface: 720 sx (1756 cf)	100 bbbs
				TOC @ 1250' 307 sx (534 cf)	

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#	8515'	

31 PERFORATION RECORD (Interval, size and number)

DK .34 diam - 2 SPF 8598', 8596', 8588', 8586', 8578', 8674', 8570', 8568', 8566', 8560', 8556', 8552', 8550' 26 holes

1 SPF 8514', 8510', 8508', 8504', 8496', 8492', 8480', 8474', 8466', 8460', 8458', 8454', 8450', 8446', 8444', 8442', 8438', 8434', 8432', 8434', 8420', 8418', 8416' 23 holes. Total Holes 49

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

8416' - 8598' Acidize w/10 bbbs 15% HCL acid. Frac w/104,865 gals Slickwater w/37,939# 20/40 Arizona Sand.

PRODUCTION

33 DATE FIRST PRODUCTION

SI

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
06/24/2009	1	1/2"		0	43 mcf/h	.46 bwp/h	

FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)
SI - 1218#	SI - 1153#		0	1026 mcf/d	11 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 2873AZ.

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

SIGNED

Jamie Goodwin

TITLE

Regulatory Technician

DATE

7/9/09 1:3 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.

NMOCD

RECEIVED
JUL 10 2009
Bureau of Land Management
Farmington Field Office

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE

7/9/09 1:3 2009

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API # 30-039-30488		San Juan 27-4 Unit 52N			
Ojo Alamo	3574'	3763'	White, cr-gr ss.	Ojo Alamo	3574'
Kirtland	3763'	3904'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3763'
Fruitland	3904'	4169'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3904'
Pictured Cliffs	4169'	4307'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	4169'
Lewis	4307'	4712'	Shale w/siltstone stringers	Lewis	4307'
Huerfanito Bentonite	4712'	5174'	White, waxy chalky bentonite	Huerfanito Bent.	4712'
Chacra	5174'	5793'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	5174'
Mesa Verde	5793'	6013'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5793'
Menefee	6013'	6402'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	6013'
Point Lookout	6402'	6827'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6402'
Mancos	6827'	7540'	Dark gry carb sh.	Mancos	6827'
Gallup	7540'	8334'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7540'
Greenhorn	8334'	8393'	Highly calc gry sh w/thin lmst.	Greenhorn	8334'
Graneros	8393'	8415'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8393'
Dakota	8415'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8415'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

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Form 3160-4
(October 1990)UNITED STATES
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Farmington Field OfficeSUBMIT IN DUPLICATE*
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OMB NO 1004-0137Expires December 31, 1991
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b TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other ☐

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22 IF MULTIPLE COMPL,
HOW MANY*

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23 INTERVALS
DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

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

Blanco Mesa Verde 6778' - 5798'

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"	32.3#/H-40	351'	12 1/4"	Surface: 230 sx (276 cf)	26 bbls
7"	23#/J-55	5356'	8 3/4"	Stage Tool @ 3766'	
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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" L-80 4.7#	8515'	

31 PERFORATION RECORD (Interval, size and number)

PTL/LMF .34 diam - 1 SPF 6778', 6756', 6736', 6696', 6686', 6636', 6606', 6592', 6538', 6516', 6486', 6474', 6464', 6450', 6442', 6430', 6416', 6404', 6368', 6356', 6324', 6294', 6258', 6204', 6142' = 25 holes

UMF/Climhouse .34 diam - 1 SPF 6092', 6072', 6050', 6038', 6028', 6012', 6008', 6000', 5990', 5972', 5960', 5942', 5934', 5924', 5910', 5902', 5898', 5878', 5858', 5846', 5832', 5822', 5814', 5804', 5798' = 25 holes

Total Holes 50

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

6142' - 6778'	Acidize w/10 bbls 15% HCL acid. Frac w/120,529 gals 60Q N2 Slickfoam w/97,277# 20/40 Arizona Sand. Total N2 1,097,200 SCF
5798' - 6092'	Acidize w/10 bbls 15% acid. Frac w/112,654 gals 60Q N2 Slickfoam w/94,497# 20/40 Arizona Sand. Total N2 1,200,700 SCF.

33 PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)					WELL STATUS (Producing or shut-In)	
SI		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL		GAS-OIL RATIO
06/18/2009	1	1/2"	→	0	68 mcf/h	1 bwp/h		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF		WATER--BBL		OIL GRAVITY-API (CORR)
SI - 1218#	SI - 1153#	→	0	1627 mcf/d		24 bwp/d		

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

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SIGNED Jamie Goodwin TITLE

Regulatory Technician

DATE

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