

RCVD SEP 19 '11

OIL CONS. DIV.

Form 3160-4
(October 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

FOR APPROVAL

OMB NO 1004-0137

Expires: December 31, 1991

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 O (SW/SE), 1138' FSL & 1522' FEL

At top prod interval reported below I (NE/SE), 2035' FSL & 531' FEL

At total depth I (NE/SE), 2035' FSL & 531' FEL

5 LEASE DESIGNATION AND SERIAL NO

SF-079514

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM 98417A7

7 UNIT AGREEMENT NAME

SAN JUAN 29-7 UNIT

8 FARM OR LEASE NAME, WELL NO

SAN JUAN 29-7 UNIT 77N

9 API WELL NO

30-039-30993-0062

10 FIELD AND POOL, OR WILDCAT

BLANCO MESAVERDE

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

Sec. 33, T29N, R7W

14 PERMIT NO DATE ISSUED

12 COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUNNED

04/12/11

16 DATE T D REACHED

04/27/11

17 DATE COMPL (Ready to prod)

08/29/11 GRC

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

GL 6230' KB 6245'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 7812' / 7459' VD

21 PLUG, BACK T D, MD & TVD

MD 7810' / 7457' VD

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 4298' - 5846'

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#	239'	12 1/4"	Surface, 76sx(122cf-22bbls)	6bbls
7" / J-55	23#	3658'	8 3/4"	Surface, 504sx(1025cf-182bbls)	55bbls
4 1/2" / L-80	11.6#	7812'	6 1/4"	TOC@2340', 303sx(609cf-108bbls)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7679'	
					4.7# / L-80		

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Point Lookout / LMF w/ .34" diam.
1SPF @ 5232' - 5846' = 25 Holes
UMF / Cliffhouse w/.34" diam.
1SPF @ 4856' - 5154' = 25 Holes
Lewis w/ .34" diam.
1SPF @ 4298' - 4754' = 25 Holes
MV Total Holes = 75

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

5232' - 5846'

Started break down w/ 2% KCL water. Acidize w/ 10bbls 15% HCL. Frac'd w/ 36,834gals 70% Quality N2 Slick w/ 100,521# 20/40 Arizona Sand. Pumped 81bbls fluid flush. N2:1,250,000SCF.

4856' - 5154'

Acidize 15% HCL. Frac'd w/ 37,254gals 70% N2 Slick Foam w/ 100,855# 20/40 Arizona Sand. Pumped 85bbls fluid flush. N2:1,146,000SCF.

4298' - 4754'

Frac'd w/ 29,358gals 75% Visco Elastic N2 w/ 70,604# 20/40 Arizona Sand. Pumped 63bbls foam flush. N2:1,682,000SCF.

33 PRODUCTION

DATE FIRST PRODUCTION 08/29/11 GRC PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING WELL STATUS (Producing or shut-in) SI

DATE OF TEST 09/06/11 HOURS TESTED 1hr. CHOKE SIZE 1/2" PROD'N FOR TEST PERIOD OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO

FLOW TUBING PRESS 09/06/11 CASING PRESSURE SI-655psi CALCULATED 24-HOUR RATE OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API (CORR)

SI-779psi SI-655psi trace / bopd 2,791 mcf/d 18 / bwph

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is a Blanco Mesaverde / Basin Dakota commingled well under DHC order 3516AZ.

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

SIGNED [Signature] TITLE Staff Regulatory Technician DATE 09/14/11

*(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

FARMINGTON FIELD OFFICE
BY [Signature]

NMOC

PC

API # 30-039-30993		San Juan 29-7 Unit 77N			
Ojo Alamo	2220'	2436'	White, cr-gr ss.	Ojo Alamo	2220'
Kirtland	2436'	3050'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2436'
Fruitland	3050'	3316'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3050'
Pictured Cliffs	3316'	3456'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3316'
Lewis	3456'	3920'	Shale w/siltstone stringers	Lewis	3456'
Huerfanito Bentonite	3920'	4276'	White, waxy chalky bentonite	Huerfanito Bent.	3920'
Chacra	4276'	4853'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4276'
Mesa Verde	4853'	5106'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4853'
Menefee	5106'	5506'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5106'
Point Lookout	5506'	6009'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5506'
Mancos	6009'	6735'	Dark gry carb sh.	Mancos	6009'
Gallup	6735'	7469'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6735'
Greenhorn	7469'	7529'	Highly calc gry sh w/thin lmst.	Greenhorn	7469'
Graneros	7529'	7571'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7529'
Dakota	7571'	7812'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7571'

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SF-079514

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NMMNM 784178

7 UNIT AGREEMENT NAME

SAN JUAN 29-7 UNIT

8 FARM OR LEASE NAME, WELL NO

SAN JUAN 29-7 UNIT 77N

9 API WELL NO

30-039-30993-0001

10 FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

Sec. 33, T29N, R7W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL.

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b TYPE OF COMPLETION

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RECEIVED

SEP 15 2011

Farmington Field Office
Bureau of Land Management

14 PERMIT NO.

12 COUNTY OR PARISH

13 STATE

Rio Arriba

New Mexico

15 DATE SPUDDED

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16 DATE T D REACHED

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17 DATE COMPL (Ready to prod)

08/29/11 GRC

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

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MD 7812' / 7459' VD

21 PLUG, BACK T D, MD & TVD

MD 7810' / 7457' VD

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 7574' - 7766'

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#	239'	12 1/4"	Surface, 76sx(122cf-22bbls)	6bbls
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SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7679'	
					4.7# / L-80		

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 7574'- 7670' = 24 Holes
2SPF @ 7694'- 7766' = 36 Holes
DK Total Holes = 60

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

7574'-7766'

Started break dwn w/ 2% KCL water. Acidize w/ 10bbls 15% HCL. Frac'd w/ 39,396gals 70% Foam Slickwater pad w/ 39,630# 20/40 Arizona Sand. Pumped 114bbls fluid flush. N2:2,292,000SCF.

33 PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
08/29/11 GRC	FLOWING	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
09/06/11	1hr.	1/2"		n/a / boph	20 mcf / h	trace / bwph	

FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR)
SI-779psi	SI-655psi		n/a / bopd	484 mcf / d	6 / bwpd	

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

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Staff Regulatory Tech.

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Dakota	7571'	7812'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7571'

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