Form 3160-4
(August 2007)

RECEIVED
JUL 19 2012
Farmington Field Office
Bureau of Land Management

RCVD JUL 25 '12
OIL CONS. DIV.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No: SF-079522

1a Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff Resvr,
Other

6 If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No: SAN JUAN 28-5 UNIT

2 Name of Operator: Burlington Resources Oil & Gas Company

8 Lease Name and Well No: SAN JUAN 28-5 UNIT 69N

3 Address: PO Box 4289, Farmington, NM 87499

3a Phone No *(include area code)*: (505) 326-9700

9 API Well No: 30-039-31074

4 Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: UNIT B (NW/NE), 1238' FNL & 1518' FEL

10 Field and Pool or Exploratory: BASIN DAKOTA

11 Sec , T , R , M , on Block and Survey or Area: SEC: 33, T28N, R05W

At top prod Interval reported below: UNIT A (NE/NE), 1156' FNL & 456' FEL

12 County or Parish: Rio Arriba

13 State: New Mexico

At total depth: UNIT A (NE/NE), 1156' FNL & 456' FEL

14 Date Spudded	15 Date T D Reached	16 Date Completed	17 Elevations (DF, RKB, RT, GL)*
3/21/2012	5/9/2012	[ ] D & A [X] Ready to Prod 6/29/2012 GRC	6607'

18 Total Depth	19 Plug Back T D	20 Depth Bridge Plug Set
MD 8046'	MD 8038'	MD
TVD 7848'	TVD 7840'	TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each): GR/CCL/CBL

22 Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] Yes (Submit copy)

23 Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	234'	n/a	76sx-Pre-mix	22bbls	Surface	6bbls
8 3/4"	7" / J-55	23#	0	3906'	n/a	546sx-Premuim Lite	216bbls	Surface	59bbls
6 1/4"	4 1/2" / L-80	11.6#	0	8041'	n/a	292sx-Premuim Lite	105bbls	TOC @ 2750'	n/a

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7916'	n/a						

25 Producing Intervals / 26 Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A)	Dakota	7836'	7902'	1SPF	.34"	16	open
B)	Dakota	7934'	8008'	2SPF	.34"	38	open
C)							
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7836' - 8008'	Start w/ 2% KCL water. Acidize w/ 10bbls of 15% HCL. Frac'd w/ 40,908gals of 70% Foam Slick water pad w/ 40,083# of 20/40 Arizona sand. Pumped 119bbls fluid flush. Total N2:2,383,000SCF

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
6/29/2012	7/2/2012	1hr.	→	n/a /boph	35 /mcf/h	trace /bwph	n/a	n/a	FLOWING

Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
1/2"	SI-686psi	SI-640psi	→	trace /bopd	840 /mcf/d	1 / bwpd	n/a	SHUT IN

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press. Flwg. SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

TO BE SOLD

30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas Depth
Ojo Alamo	2905'	3100'	White, cr-gr ss	Ojo Alamo	2905'
Kirltand	3100'	3466'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirltand	3100'
Fruitland	3466'	3625'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	3466'
Pictured Cliffs	3625'	3816'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3625'
Lewis	3816'	4220'	Shale w/ siltstone stingers	Lewis	3816'
Huerfanito Bentonite	4220'	4583'	White, waxy chalky bentonite	Huerfanito Bentonite	4220'
Chacra	4583'	5191'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4583'
Mesa Verde	5191'	5472'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5191'
Menefee	5472'	5800'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5472'
Point Lookout	5800'	6316'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5800'
Mancos	6316'	6978'	Dark gry carb sh	Mancos	6316'
Gallup	6978'	7726'	Lt gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh	Gallup	6978'
Greenhorn	7726'	7792'	Highly calc gry sh w/ thin lmst	Greenhorn	7726'
Graneros	7792'	7833'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7792'
Dakota	7833'	8046'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7833'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32 Additional remarks (include plugging procedure)

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3655AZ.

33 Indicate which items have been attached by placing a check in the appropriate boxes:

☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Marie E. Jaramillo Title Staff Regulatory Tech

Signature Date 7/18/12

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

(Continued on page 3)

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At surface: UNIT B (NW/NE), 1238' FNL & 1518' FEL

10 Field and Pool or Exploratory: BLANCO MV

11 Sec , T , R , M , on Block and Survey or Area: SEC: 33, T28N, R05W

At top prod Interval reported below: UNIT A (NE/NE), 1156' FNL & 456' FEL

12 County or Parish: Rio Arriba

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At total depth: UNIT A (NE/NE), 1156' FNL & 456' FEL

14 Date Spudded	15. Date T D Reached	16 Date Completed	17 Elevations (DF, RKB, RT, GL)*
3/21/2012	5/9/2012	[ ] D & A [X] Ready to Prod 6/26/2012 GRC	6607'

18 Total Depth	19 Plug Back T D	20 Depth Bridge Plug Set
MD 8046' TVD 7848'	MD 8038' TVD 7840'	MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each): GR/CCL/CBL

22 Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	234'	n/a	76sx-Pre-mix	22bbls	Surface	6bbls
8 3/4"	7" / J-55	23#	0	3906'	n/a	546sx-Premuim Lite	216bbls	Surface	59bbls
6 1/4"	4 1/2" / L-80	11.6#	0	8041'	n/a	292sx-Premuim Lite	105bbls	TOC @ 2750'	n/a

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7916'	n/a						

25 Producing Intervals / 26 Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A)	Point Lookout / LMF	5646'	6166'	1SPF	.34"	24	open
B)	Cliffhouse / UMF	5194'	5598'	1SPF	.34"	25	open
C)	Lewis	4626'	5108'	1SPF	.34"	25	open
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5646' - 6166'	Start w/ 2% KCL water. Acidize w/ 10bbls of 15% HCL. Frac'd w/ 39,186gals of 70% Quality N2 Slickwater foam pad w/ 100,746# of 20/40 Arizona sand. Pumped 87bbls fluid flush. Total N2:1,403,000SCF
5194' - 5598'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 37,422gals of 70% Slickwater foam pad w/ 100,781# of 20/40 Arizona sand. Pumped 80bbls fluid flush. Total N2:1,332,000SCF
4626' - 5108'	Frac'd w/ 30,114gals of 70% Foam Visco Elastic w/ 78,950# of 20/40 Arizona sand. Pumped 69bbls foam flush. Total N2:1,695,000SCF

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
6/26/2012	6/29/2012	1hr.	→	n/a /boph	18 /mcf/h	trace /bwph	n/a	n/a	FLOWING

Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
1/2"	SI-686psi	SI-640psi	→	trace /bopd	432 /mcf/d	1 / bwpd	n/a	SHUT IN

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						

Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

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30 Summary of Porous Zones (Include Aquifers):

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Huerfanito Bentonite	4220'	4583'	White, waxy chalky bentonite	Huerfanito Bentonite	4220'
Chacra	4583'	5191'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4583'
Mesa Verde	5191'	5472'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5191'
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- [X] Electrical/Mechanical Logs (1 full set req'd.)
- [ ] Geologic Report
- [ ] DST Report
- [ ] Directional Survey
- [ ] Sundry Notice for plugging and cement verification
- [ ] Core Analysis
- [ ] Other

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Signature Date 7/19/12

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