

RECEIVED

RCVD JUL 12 '12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 02 2012

OIL CONS. DIV.

FORM APPROVED

OMB No. 1004-0137

Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT  
Farmington Field Office  
Bureau of Land Management

Lease Serial No

SF-07118A

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other	6 If Indian, Allottee or Tribe Name
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Drift Resvr	7 Unit or CA Agreement Name and No <b>MMNM-112683</b>
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>	8. Lease Name and Well No <b>JOHNS 1B</b>
3 Address <b>PO Box 4289, Farmington, NM 87499</b>	9. API Well No. <b>30-045-35253-0001</b>
3a Phone No (include area code) <b>(505) 326-9700</b>	10 Field and Pool or Exploratory <b>BASIN DAKOTA</b>
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT G (SWNE), 1690' FNL &amp; 2205' FEL</b>  At top prod Interval reported below <b>UNIT F (SENW), 1876' FNL &amp; 2005' FWL</b>  At total depth <b>UNIT F (SENW), 1876' FNL &amp; 2005' FWL</b>	11. Sec, T, R, M., on Block and Survey or Area <b>Sec. 19, T32N, R11W</b>
14 Date Spudded <b>4/5/2012</b>	12 County or Parish <b>San Juan</b>
15. Date T.D. Reached <b>4/21/2012</b>	13. State <b>New Mexico</b>
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod	17 Elevations (DF, RKB, RT, GL)* <b>GL-6,582' / KB-6,597'</b>
18. Total Depth: MD <b>8,085'</b> TVD <b>7,889'</b>	20 Depth Bridge Plug Set MD <b>MD</b> TVD <b>TVD</b>
19 Plug Back T.D. MD <b>8,069'</b> TVD <b>7,873'</b>	22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)
21 Type Electric & Other Mechanical Logs Run (Submit copy of each)	

GR/CC/CBL

## 23. Casing and Lmer 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	355'	N/A	101 sx Ty I-II	29 bbls	Surface	9 bbls
8 3/4"	7", J-55	23#	0	5,476'	3,046'	751 sx Prem Lt	274 bbls	Surface	50 bbls
6 1/4"	4 1/2", L-80	11.6#	0	8,079'	N/A	236 sx Prem Lt	85 bbls	3,750'	

## 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", 4.7#, L-80	7,975'	n/a						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Dakota	7,990'	8,045'	2 SPF	.34" diam	42	Open
B)	7,912'	7,984'	1 SPF	.34" diam	17	Open
C)						
D) Total Holes					59	

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7,912' - 8,045'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 39,732 gal 70Q N2 Stickfoam w/ 40,057# 20/40 AZ Sand.
	Total N2: 2,338,000scf.

## 28. Production - Interval A

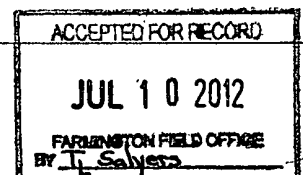
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/13/12-GRS	6/15/2012	1	→	0	42mcf/h	1bwp/h			FLOWING
Choke Size	Tbg. Press Flwg. SI	Csg. Press SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	199	540	→	0	996mcf/d	21bwpd		SI	

## 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)

NMOCD



## 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	1506'	1572'	White, cr-gr ss	Ojo Alamo	1506'
Kirtland	1572'	2727'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	1572'
Fruitland	2727'	3237'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2727'
Pictured Cliffs	3237'	3444'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3237'
Lewis	3444'	4028'	Shale w/ siltstone stringers	Lewis	3444'
Huerfano Bentonite	4028'	4504'	White, waxy chalky bentonite	Huerfano Bentonite	4028'
Chacra	4504'	4909'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4504'
Mesa Verde	4909'	5308'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4909'
Menefee	5308'	5691'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5308'
Point Lookout	5691'	6128'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5691'
Mancos	6128'	7069'	Dark gry carb sh	Mancos	6128'
Gallup	7069'	7798'	Lt gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh	Gallup	7069'
Greenhorn	7798'	7848'	Highly calc gry sh w/ thin lmst	Greenhorn	7798'
Graneros	7848'	7910'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7848'
Dakota	7910'	8085'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7910'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure)

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)\*

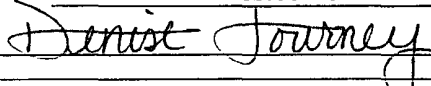
Name (please print)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature



Date

7/2/2012

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

Bureau of Land Management

5	Lease Serial No.	SF-078118A
6	If Indian, Allottee or Tribe Name	
7	Unit or CA Agreement Name and No.	NMM-73353
8	Lease Name and Well No.	JOHNS 1B
9	API Well No.	30-045-35253-0002
10	Field and Pool or Exploratory	BLANCO MESA VERDE
11	Sec., T, R, M., on Block and Survey or Area	Sec. 19, T32N, R11W
12	County or Parish	San Juan
13	State	New Mexico
17	Elevations (DF, RKB, RT, GL)*	GL-6,582' / KB-6,597'
22	Was well cored?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)
	Was DST run?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)
	Directional Survey?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Plug Back ☐ Diff Resv.  
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen

Other

2. Name of Operator

Burlington Resources Oil &amp; Gas Company

3 Address PO Box 4289, Farmington, NM 87499 3a Phone No. (include area code) (505) 326-9700

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

At surface

UNIT G (SWNE), 1690' FNL &amp; 2205' FEL

At top prod. Interval reported below

UNIT F (SENW), 1900' FNL &amp; 1864' FWL

At total depth

UNIT F (SENW), 1900' FNL &amp; 1864' FWL

14. Date Spudded 4/5/2012 15 Date T D Reached 4/21/2012 16 Date Completed 6/12/12-GRS ☐ D & A ☒ Ready to Prod

18 Total Depth: MD 8,085' TVD 7,889' 19. Plug Back T D : MD 8,069' TVD 7,873' 20 Depth Bridge Plug Set: MD TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

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	355'	N/A	101 sx Ty I-II	29 bbls	Surface	9 bbls
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6 1/4"	4 1/2", L-80	11.6#	0	8,079'	N/A	236 sx Prem Lt	85 bbls	3,750'	

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", 4.7#, L-80	7,975'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No Holes	Perf Status
A) Point Lookout	5,542'	6,064'	1 SPF	.34" diam	25	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5,541' - 6,064'	Acidize w/ 10 bbls 15% HCL Acic. Frac w/ 34,608 gal 70Q N2 Slickfoam w/ 103,462# 20/40 AZ Sand.
	Total N2: 1,484,000scf.

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
6/12/12 - GRS	6/15/2012	1	→	0	19mcf/h	Trace			FLOWING
Choke Size	Tbg. Press. Flwg SI	Csg. Press SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	199	540	→	0	448mcf/d	10bwpd		SI	

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 SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

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

NMOCD A

ACCEPTED FOR RECORD

JUL 10 2012

BY JL

FIELD OFFICE

## 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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 ☐ Other.

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Name (please print)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

Date

7/2/2012

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