

FORM
5A

Rev
06/12

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400667777

Date Received:

09/19/2014

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 26580
2. Name of Operator: BURLINGTON RESOURCES OIL & GAS LP
3. Address: PO BOX 4289
City: FARMINGTON State: NM Zip: 87499
4. Contact Name: Ali Savage
Phone: (281) 2065359
Fax: (281) 2065721
Email: ali.savage@conocophillips.com

5. API Number 05-005-07189-01
6. County: ARAPAHOE
7. Well Name: Watkins
Well Number: 30-5-8H
8. Location: QtrQtr: SWNW Section: 30 Township: 4S Range: 64W Meridian: 6
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/12/2014 End Date: 07/02/2014 Date of First Production this formation: 08/30/2014

Perforations Top: 8191 Bottom: 11936 No. Holes: 624 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac 22 stages w/ 6,845,454 lbs total proppant including 596,980 lbs 100 Mesh + 5,799,982 lbs 40/70 + 448,492 lbs CRC 40/70 in 171,167 bbls total base fluids.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 171167

Max pressure during treatment (psi): 8677

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 2095

Number of staged intervals: 22

Recycled water used in treatment (bbl): 4165

Flowback volume recovered (bbl): 13778

Fresh water used in treatment (bbl): 164907

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6845454

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/17/2014 Hours: 24 Bbl oil: 506 Mcf Gas: 668 Bbl H2O: 245
Calculated 24 hour rate: Bbl oil: 506 Mcf Gas: 668 Bbl H2O: 245 GOR: 1320
Test Method: Flow Casing PSI: 0 Tubing PSI: 500 Choke Size: 26/64
Gas Disposition: FLARED Gas Type: SHALE Btu Gas: 1432 API Gravity Oil: 41
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7185 Tbg setting date: 07/28/2014 Packer Depth: 7155

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

Comment:

Frac component info has been uploaded to FracFocus.org.
Gas BTU is an estimate based on nearby wells. Actual BTU will be submitted to COGCC when the analysis is completed.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Ali Savage

Title: Regulatory Specialist Date: 9/19/2014 Email ali.savage@conocophillips.com

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Attachment Check List

Att Doc Num **Name**

400667777	FORM 5A SUBMITTED
400691784	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

Permit	Changed open hole completion from Yes to No. Corrected fresh water fluids total per the operator.	9/23/2015 3:07:34 PM
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Total: 1 comment(s)