

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400508239

Date Received:

12/10/2013

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: Justin Carlile
Phone: (281) 647-1857
Fax: (281) 647-1935
Email: justin.carlile@conocophillips.com

5. API Number 05-005-07173-00
6. County: ARAPAHOE
7. Well Name: WATKINS
Well Number: 4-64-19-1H
8. Location: QtrQtr: NENE Section: 19 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: 10/11/2013 End Date: 10/22/2013 Date of First Production this formation: 11/05/2013
Perforations Top: 8093 Bottom: 12088 No. Holes: 964 Hole size: 4/10

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac 38 stages with 3,568 bbls 7 1/2% HCl acid + 6,072,666 gallons (144,587 bbls) fresh water gel + 7,554,783 lbs proppant consisting of 20/40 sand, 40/70 sand & 20/40 CRC.

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

Total fluid used in treatment (bbl): 148155

Max pressure during treatment (psi): 8882

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.84

Total acid used in treatment (bbl): 3568

Number of staged intervals: 38

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 16732

Fresh water used in treatment (bbl): 144587

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7554783

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: 12/08/2013 Hours: 24 Bbl oil: 665 Mcf Gas: 828 Bbl H2O: 240
Calculated 24 hour rate: Bbl oil: 665 Mcf Gas: 828 Bbl H2O: 240 GOR: 1245
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: 38
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6913 Tbg setting date: 11/13/2013 Packer Depth: 6885

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 information has been entered at FracFocus.org.

API gravity is an estimate based on nearby wells. The actual API gravity will be submitted to COGCC when the analysis is completed.

Gas BTU content is an estimate based on nearby wells. The actual BTU content 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: Justin Carlile

Title: Regulatory Specialist

Date: 12/10/2013

Email: justin.carlile@conocophillips.com

:

Attachment Check List

Att Doc Num

Name

400508239

FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

#Error

Total: 0 comment(s)