

FORM  
5ARev  
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:

401525575

Date Received:

## 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: 100322

2. Name of Operator: NOBLE ENERGY INC

3. Address: 1001 NOBLE ENERGY WAY

City: HOUSTON

State: TX

Zip: 77070

4. Contact Name: Logan Boughal

Phone: (832) 6397447

Fax:

Email: logan.boughal@nblenergy.com

5. API Number 05-123-42787-00

7. Well Name: Minutemen Federal

6. County: WELD

Well Number: LC21-615

8. Location: QtrQtr: SWSW

Section: 22

Township: 9N

Range: 59W

Meridian: 6

9. Field Name: WILDCAT

Field Code: 99999

## Completed Interval

FORMATION: NIOBRARA

Status: PRODUCING

Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/09/2017

End Date: 12/17/2017

Date of First Production this formation: 01/24/2018

Perforations

Top: 6528

Bottom: 10964

No. Holes: 672

Hole size: 0.48

Provide a brief summary of the formation treatment:

Open Hole: ☐

NIOBRARA FRAC'D W/ 6235357 LBS 40/70 SAND, 553 BBLS 28% HCl, AND 178207 BBLS FLUID.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 178207

Max pressure during treatment (psi): 8214

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.48

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.81

Total acid used in treatment (bbl): 553

Number of staged intervals: 112

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 524

Fresh water used in treatment (bbl): 178207

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6235357

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 01/29/2018

Hours: 24

Bbl oil: 455

Mcf Gas: 0

Bbl H2O: 845

Calculated 24 hour rate:

Bbl oil: 455

Mcf Gas: 0

Bbl H2O: 845

GOR: 0

Test Method: FLOWING

Casing PSI: 357

Tubing PSI: 656

Choke Size:

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1342

API Gravity Oil: 37

Tubing Size: 2 + 3/8

Tubing Setting Depth: 6360

Tbg setting date: 01/12/2018

Packer Depth: 6365

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:

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

Signed: \_\_\_\_\_ Print Name: Logan Boughal

Title: Regulatory Analyst II Date: \_\_\_\_\_ Email: logan.boughal@nblenergy.com  
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### Attachment Check List

Att Doc Num      Name

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Total Attach: 0 Files

### General Comments

User Group      Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)