

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:

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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 05-123-42805-00  
6. County: WELD  
7. Well Name: Freedom Federal  
Well Number: LC21-635  
8. Location: QtrQtr: NWSW 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: 12/01/2017 End Date: 12/07/2017 Date of First Production this formation: 01/22/2018

Perforations Top: 6565 Bottom: 11018 No. Holes: 432 Hole size: 0.48

Provide a brief summary of the formation treatment: Open Hole: ☐

NIOBRARA FRAC'D WITH 361 BBLS 28% HCl, 166634 BBLS FLUID, AND 6063400 LBS 40/70 SAND.

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

Total fluid used in treatment (bbl): 166634 Max pressure during treatment (psi): 7602

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): 0.75

Total acid used in treatment (bbl): 361 Number of staged intervals: 144

Recycled water used in treatment (bbl): 1500 Flowback volume recovered (bbl): 213

Fresh water used in treatment (bbl): 165134 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6478562 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/31/2018 Hours: 24 Bbl oil: 450 Mcf Gas: 230 Bbl H2O: 822

Calculated 24 hour rate: Bbl oil: 450 Mcf Gas: 230 Bbl H2O: 822 GOR: 1

Test Method: FLOWING Casing PSI: 7 Tubing PSI: 490 Choke Size: 22

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1342 API Gravity Oil: 37

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6363 Tbg setting date: 01/11/2018 Packer Depth: 6367

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:

ACTUAL TPZ: 2042' FSL 332' FEL, SEC 21 T9N R59W

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

### **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)