

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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 [X] 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: [X] 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

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