

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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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 4. Contact Name: LOGAN BOUGHAL
 2. Name of Operator: NOBLE ENERGY INC Phone: (832) 6397447
 3. Address: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070 Email: LOGAN.BOUGHAL@NBLENERGY.COM

5. API Number 05-123-45512-00 6. County: WELD
 7. Well Name: Larson Well Number: A23-651
 8. Location: QtrQtr: SWNW Section: 19 Township: 6N Range: 63W Meridian: 6
 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/05/2018 End Date: 08/17/2018 Date of First Production this formation: 10/20/2018

Perforations Top: 7072 Bottom: 17894 No. Holes: 1440 Hole size: 0.42

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

FRAC'D WITH BBLs 281905 FLUID, 12750620 LBS OTTAWA SAND, AND 559 BBLs 28% HCL

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 281905 Max pressure during treatment (psi): 8104
 Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.46
 Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.75
 Total acid used in treatment (bbl): 559 Number of staged intervals: 360
 Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 2368
 Fresh water used in treatment (bbl): 281905 Disposition method for flowback: DISPOSAL
 Total proppant used (lbs): 12750620 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/26/2018 Hours: 24 Bbl oil: 483 Mcf Gas: 659 Bbl H2O: 500
 Calculated 24 hour rate: Bbl oil: 483 Mcf Gas: 659 Bbl H2O: 500 GOR: 1035
 Test Method: FLOWING Casing PSI: 2159 Tubing PSI: 1686 Choke Size: 16/64
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1385 API Gravity Oil: 52
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 6913 Tbg setting date: 10/10/2018 Packer Depth: _____

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:

TPZ IS AT: 2669 FNL & 153 FWL.

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

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)