

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:

401816446

Date Received:

11/26/2018

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 05-123-45515-00
6. County: WELD
7. Well Name: Larson
Well Number: A23-645
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: 08/06/2018 End Date: 08/16/2018 Date of First Production this formation: 10/20/2018

Perforations Top: 7070 Bottom: 17889 No. Holes: 1440 Hole size: 0.42

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

562 BBLS 28% HCL, 281285 BBLS FLUID AND 12690950 LBS OTTAWA SAND.

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

Total fluid used in treatment (bbl): 281847 Max pressure during treatment (psi): 8335

Total gas used in treatment (mcf): 0 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): 562 Number of staged intervals: 360

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 3559

Fresh water used in treatment (bbl): 281285 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 12690950 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: 422 Mcf Gas: 568 Bbl H2O: 408

Calculated 24 hour rate: Bbl oil: 422 Mcf Gas: 568 Bbl H2O: 408 GOR: 1346

Test Method: FLOWING Casing PSI: 2216 Tubing PSI: 1766 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: 6906 Tbg setting date: 10/09/2018 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 2245' FSL & 404' 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: 11/26/2018

Email: LOGAN.BOUGHAL@NBLENERGY.COM

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Attachment Check List

Att Doc Num

Name

401816446

FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Permit

•Corrected total fluid volume used.
•Footage calls for TPZ corrected per directional survey with Operator concurrence

02/27/2019

Total: 1 comment(s)