

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



DE	ET	OE	ES
----	----	----	----

Document Number:

401864160

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: Holly Hill  
Phone: (303) 228-4232  
Fax:  
Email: Denverregulatory@nblenergy.com

5. API Number 05-123-45553-00  
6. County: WELD  
7. Well Name: Larson  
Well Number: AA19-630  
8. Location: QtrQtr: SESE Section: 24 Township: 6N Range: 64W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/02/2018 End Date: 08/15/2018 Date of First Production this formation: 10/13/2018

Perforations Top: 7084 Bottom: 17689 No. Holes: 1440 Hole size: 0.42

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

Niobrara completed with 18,739,478 bbls slurry, 552 bbls 28% HCl, 1,643,835 lbs 40/70 Sand, 17,609,076 30/50 Sand

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

Total fluid used in treatment (bbl): 18740030 Max pressure during treatment (psi): 8126

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 4.83

Type of gas used in treatment: Min frac gradient (psi/ft): 0.94

Total acid used in treatment (bbl): 552 Number of staged intervals: 46

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 4756

Fresh water used in treatment (bbl): 18739478 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 19252911 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/22/2018 Hours: 24 Bbl oil: 431 Mcf Gas: 480 Bbl H2O: 477

Calculated 24 hour rate: Bbl oil: 431 Mcf Gas: 480 Bbl H2O: 477 GOR: 1113

Test Method: Flowing Casing PSI: 2014 Tubing PSI: 1466 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1328 API Gravity Oil: 40

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6883 Tbg setting date: 10/04/2018 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:

Actual TPZ is 1271' FSL, 222' FEL, Sec 24 T6N, R64W

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

Signed: \_\_\_\_\_ Print Name: Julie Webb

Title: Sr. Regulatory Analyst Date: \_\_\_\_\_ Email julie.webb@nblenergy.com  
:

### **Attachment Check List**

**Att Doc Num**      **Name**

--	--

Total Attach: 0 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

		Stamp Upon Approval
--	--	------------------------

Total: 0 comment(s)