

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: Holly Hill  
 2. Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4232  
 3. Address: 1001 NOBLE ENERGY WAY Fax: \_\_\_\_\_  
 City: HOUSTON State: TX Zip: 77070 Email: Denverregulatory@nblenergy.com

5. API Number 05-123-44968-00 6. County: WELD  
 7. Well Name: Wells Ranch Well Number: BB11-667  
 8. Location: QtrQtr: NWNW Section: 11 Township: 5N Range: 63W Meridian: 6  
 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
 Treatment Date: 01/27/2018 End Date: 02/16/2018 Date of First Production this formation: 04/12/2018  
 Perforations Top: 7085 Bottom: 15568 No. Holes: 1284 Hole size: 0.48

Provide a brief summary of the formation treatment: Open Hole:   
Niobrara completed with 570,189 bbls slurry, 783 bbls 28% HCl, 1,508,768 lbs 100 mesh, 14,686,658 lbs 40/70 sand, 1,704,959 lbs CRC 40/70 sand

This formation is commingled with another formation:  Yes  No  
 Total fluid used in treatment (bbl): 570972 Max pressure during treatment (psi): 8140  
 Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.43  
 Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.91  
 Total acid used in treatment (bbl): 783 Number of staged intervals: 41  
 Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 17561  
 Fresh water used in treatment (bbl): 570189 Disposition method for flowback: DISPOSAL  
 Total proppant used (lbs): 17900385 Rule 805 green completion techniques were utilized:   
 Reason why green completion not utilized: \_\_\_\_\_

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/15/2018 Hours: 24 Bbl oil: 72 Mcf Gas: 91 Bbl H2O: 1010  
 Calculated 24 hour rate: Bbl oil: 72 Mcf Gas: 91 Bbl H2O: 1010 GOR: 1264  
 Test Method: Flowing Casing PSI: 9 Tubing PSI: 1051 Choke Size: 15/64  
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1477 API Gravity Oil: 40  
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 6889 Tbg setting date: 03/29/2018 Packer Depth: 6894

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 1705' FNL 357' FWL

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  
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### Attachment Check List

**Att Doc Num**      **Name**

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Total Attach: 0 Files

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**User Group**      **Comment**

**Comment Date**

User Group	Comment	Comment Date
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