

FORM  
5ARev  
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:

401842221

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 05-123-44951-00 6. County: WELD  
 7. Well Name: Wells Ranch Well Number: BB11-635  
 8. Location: QtrQtr: SWSW 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: 03/01/2018 End Date: 03/17/2018 Date of First Production this formation: 05/03/2018  
 Perforations Top: 7040 Bottom: 13959 No. Holes: 928 Hole size: 0.48

Provide a brief summary of the formation treatment:

Open Hole: ☐

Niobrara completed with 413,441 bbls slurry, 573 bbls 27% HCl, 1,283,033 lbs 100 mesh, 10,567,279 lbs 40/70 sand, 1,374,318 lbs CRC 40/70 sand

This formation is commingled with another formation: ☐ Yes ☒ NoTotal fluid used in treatment (bbl): 414014Max pressure during treatment (psi): 8123

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): 0.91Total acid used in treatment (bbl): 573Number of staged intervals: 30

Recycled water used in treatment (bbl): \_\_\_\_\_

Flowback volume recovered (bbl): 1719Fresh water used in treatment (bbl): 413441Disposition method for flowback: DISPOSALTotal proppant used (lbs): 13224630Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: \_\_\_\_\_

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 05/09/2018 Hours: 24 Bbl oil: 282 Mcf Gas: 212 Bbl H2O: 583  
 Calculated 24 hour rate: Bbl oil: 282 Mcf Gas: 212 Bbl H2O: 583 GOR: 752  
 Test Method: Flowing Casing PSI: 15 Tubing PSI: 1302 Choke Size: 15/64  
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1427 API Gravity Oil: 40  
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 6847 Tbg setting date: 04/24/2018 Packer Depth: 6852

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 1587' FSL 272' 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@nbleenergy.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**

		Stamp Upon Approval
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Total: 0 comment(s)