

Document Number:  
 402170675

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: Craig Richardson  
 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 05-123-48163-00 6. County: WELD  
 7. Well Name: Wells Ranch State Well Number: AA36-683  
 8. Location: QtrQtr: SWNW Section: 32 Township: 6N Range: 62W Meridian: 6  
 9. Field Name: WATTENBERG Field Code: 90750

**Completed Interval**

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
 Treatment Date: 06/11/2019 End Date: 06/27/2019 Date of First Production this formation: 08/17/2019  
 Perforations Top: 7187 Bottom: 17022 No. Holes: 1842 Hole size: 0.32

Provide a brief summary of the formation treatment: Open Hole:   
Niobrara completed with 168 bbls 28% HCl, 453,500 bbls slurry, 1,908,674 lbs 100 mesh, 16,829,322 lbs 40/70

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 453668 Max pressure during treatment (psi): 8182  
 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): 168 Number of staged intervals: 42  
 Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 1885  
 Fresh water used in treatment (bbl): 453500 Disposition method for flowback: DISPOSAL  
 Total proppant used (lbs): 18737996 Rule 805 green completion techniques were utilized:   
 Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 09/11/2019 Hours: 24 Bbl oil: 126 Mcf Gas: 107 Bbl H2O: 131  
 Calculated 24 hour rate: Bbl oil: 126 Mcf Gas: 107 Bbl H2O: 131 GOR: 849  
 Test Method: Flowing Casing PSI: 15 Tubing PSI: 772 Choke Size: 18/64  
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1286 API Gravity Oil: 42  
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 7008 Tbg setting date: 08/30/2019 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 Sec 31 T6N R62W: 550 FNL 362 FEL

Five dissolvable bridge plus were left at the toe of the well and were not drilled out, and therefore, do not have a plug removal date. Based on the vendor's specifications and our well conditions, it is estimated that these plugs dissolve in approximately 21 days.

6 Composite flow thru plug left in the hole between 14,660' - 17,003'

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

Signed: \_\_\_\_\_ Print Name: Stephany Olsen

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: stephany.olsen@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**

		Stamp Upon Approval
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Total: 0 comment(s)