

**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 05-123-48562-00 6. County: WELD  
 7. Well Name: Vogler State Well Number: D21-750  
 8. Location: QtrQtr: SWSE Section: 21 Township: 3N Range: 64W Meridian: 6  
 9. Field Name: WATTENBERG Field Code: 90750

**Completed Interval**

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
 Treatment Date: 05/09/2019 End Date: 05/23/2019 Date of First Production this formation: 07/13/2019  
 Perforations Top: 7933 Bottom: 17482 No. Holes: 1280 Hole size: 0.42

Provide a brief summary of the formation treatment: Open Hole:   
Niobrara completed with 180 bbls 28% HCl, 332,593 bbls slurry, 1,337,290 lbs 100 mesh, 16,584,910 lbs 40/70

This formation is commingled with another formation:  Yes  No  
 Total fluid used in treatment (bbl): 332773 Max pressure during treatment (psi): 8484  
 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): 0.97  
 Total acid used in treatment (bbl): 180 Number of staged intervals: 41  
 Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 0  
 Fresh water used in treatment (bbl): 332593 Disposition method for flowback: DISPOSAL  
 Total proppant used (lbs): 17922200 Rule 805 green completion techniques were utilized:   
 Reason why green completion not utilized: \_\_\_\_\_

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

**Test Information:**

Date: 07/14/2019 Hours: 24 Bbl oil: 31 Mcf Gas: 36 Bbl H2O: 161  
 Calculated 24 hour rate: Bbl oil: 31 Mcf Gas: 36 Bbl H2O: 161 GOR: 1161  
 Test Method: Flowing Casing PSI: 1909 Tubing PSI: 2119 Choke Size: 16/64  
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1274 API Gravity Oil: 42  
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 7229 Tbg setting date: 07/08/2019 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 reported on Form 5.  
This well did not flowback, the well went straight to the production facility.

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

### General Comments

**User Group**      **Comment**      **Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)