

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:

402116466

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: Craig Richardson

Phone: (303) 228-4232

Fax:

Email: Denverregulatory@nblenergy.com

5. API Number 05-123-48562-00

7. Well Name: Vogler State

6. County: WELD

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  
:

### **Attachment Check List**

**Att Doc Num**      **Name**

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Total Attach: 0 Files

### **General Comments**

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

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|  |  | Stamp Upon Approval |
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Total: 0 comment(s)