

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES.

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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
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 [X] 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: [X]

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: 8/7/2019 Email julie.webb@nblenergy.com

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402116466	FORM 5A SUBMITTED

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)