

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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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 City: HOUSTON State: TX Zip: 77070 Fax: Email: Denverregulatory@nblenergy.com

5. API Number 05-123-48572-00 6. County: WELD
7. Well Name: Vogler State Well Number: D21-780
8. Location: QtrQtr: SWSW 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: 04/25/2019 End Date: 05/12/2019 Date of First Production this formation: 07/12/2019
Perforations Top: 7808 Bottom: 17507 No. Holes: 1280 Hole size: 0.42

Provide a brief summary of the formation treatment: Open Hole: []

Niobrara completed with 1,190 bbls 15% HCl, 334,513 bbls slurry, 1,163,446 lbs 100 mesh, 15,973,379 lbs 40/70

This formation is commingled with another formation: [] Yes [X] No

Total fluid used in treatment (bbl): 335703 Max pressure during treatment (psi): 8271
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): 0.98
Total acid used in treatment (bbl): 1190 Number of staged intervals: 41
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 0
Fresh water used in treatment (bbl): 334513 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 17136825 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: 07/31/2019 Hours: 24 Bbl oil: 794 Mcf Gas: 1606 Bbl H2O: 321
Calculated 24 hour rate: Bbl oil: 794 Mcf Gas: 1606 Bbl H2O: 321 GOR: 2002
Test Method: Flowing Casing PSI: 2753 Tubing PSI: 1868 Choke Size: 18/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1268 API Gravity Oil: 42
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7291 Tbg setting date: 06/26/2019 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 T3N R64W Sec 21: 500 FSL, 607 FWL

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)