

FORM 5A Rev 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



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 05-123-48040-00
6. County: WELD
7. Well Name: Guttersen
Well Number: D29-770
8. Location: QtrQtr: SWNW Section: 29 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: 02/02/2019 End Date: 02/24/2019 Date of First Production this formation: 06/05/2019
Perforations Top: 7134 Bottom: 17218 No. Holes: 1344 Hole size: 0.42

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

Niobrara completed with 208 bbls 28% HCl, 509,256 bbls slurry, 1,633,186 lbs 100 mesh, 17,121,233 lbs 40/70

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

Total fluid used in treatment (bbl): 509464 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): 0.94
Total acid used in treatment (bbl): 208 Number of staged intervals: 43
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 0
Fresh water used in treatment (bbl): 509256 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 18754419 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: 06/13/2019 Hours: 24 Bbl oil: 730 Mcf Gas: 1626 Bbl H2O: 650
Calculated 24 hour rate: Bbl oil: 730 Mcf Gas: 1626 Bbl H2O: 650 GOR: 2227
Test Method: Flowing Casing PSI: 2787 Tubing PSI: 1872 Choke Size: 20/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1286 API Gravity Oil: 42
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7073 Tbg setting date: 05/31/2019 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:

This well did not flowback, the well went straight to the production facility.
Actual TPZ is 2338' FNL, 1529'FWL

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: 6/26/2019 Email julie.webb@nblenergy.com

Attachment Check List

Att Doc Num **Name**

| | |
|-----------|-------------------|
| 402086997 | FORM 5A SUBMITTED |
|-----------|-------------------|

Total Attach: 1 Files

General Comments

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

| | | |
|--------|---|------------|
| Permit | •Added max pressure recorded during treatment per Operator | 12/20/2019 |
| Permit | •Max pressure recorded during treatment not provided; requested from Operator | 12/09/2019 |

Total: 2 comment(s)