

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: Holly Hill
Phone: (303) 228-4232
Fax:
Email: Denverregulatory@nblenergy.com

5. API Number 05-123-45239-00
6. County: WELD
7. Well Name: Hullabaloo State
Well Number: Y21-781
8. Location: QtrQtr: NWNW Section: 16 Township: 2N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 04/04/2018 End Date: 04/22/2018 Date of First Production this formation: 06/10/2018
Perforations Top: 7382 Bottom: 17159 No. Holes: 1308 Hole size: 0.48

Provide a brief summary of the formation treatment: Open Hole:
Niobrara completed with 596,945 bbls slurry, 845 bbls 28% HCl, 1,393,406 lbs 100 mesh, 12,750,391 lbs 40/70 sand, 2,158,258 lbs 30/50 sand

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 597790 Max pressure during treatment (psi): 82
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): 0.91
Total acid used in treatment (bbl): 845 Number of staged intervals: 42
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 7278
Fresh water used in treatment (bbl): 596945 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 16302055 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/14/2018 Hours: 24 Bbl oil: 23 Mcf Gas: 177 Bbl H2O: 1075
Calculated 24 hour rate: Bbl oil: 23 Mcf Gas: 177 Bbl H2O: 1075 GOR: 7696
Test Method: Flowing Casing PSI: 7 Tubing PSI: 1785 Choke Size: 14/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1412 API Gravity Oil: 40
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7245 Tbg setting date: 06/01/2018 Packer Depth: 7250

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 567' FNL 559' 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: 11/30/2018 Email Julie.webb@nblenergy.com
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Attachment Check List

Att Doc Num **Name**

| | |
|-----------|-------------------|
| 401842296 | FORM 5A SUBMITTED |
|-----------|-------------------|

Total Attach: 1 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|---|---------------------|
| Permit | •Footage calls for TPZ corrected per directional survey with Operator concurrence | 03/14/2019 |

Total: 1 comment(s)