

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



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Document Number:

402032664

Date Received:

10/25/2019

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 05-123-26808-00  
6. County: WELD  
7. Well Name: WELLS RANCH AA  
Well Number: 21-16  
8. Location: QtrQtr: SESE Section: 21 Township: 6N Range: 63W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation: 08/22/2008

Perforations Top: 6772 Bottom: 6782 No. Holes: 40 Hole size: 0.41

Provide a brief summary of the formation treatment:

Open Hole: ☐

11/22/2008: CIFTF at 6658' removed

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl):

Max pressure during treatment (psi):

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl):

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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.

|  |   |  |  |   |  |
|--|---|--|--|---|--|
| FORMATION: NIOBRARA-CODELL   |   | Status: PRODUCING                                    |  | Treatment Type: _____                               |  |
| Treatment Date: _____  |   | End Date: _____                                      |  | Date of First Production this formation: 08/22/2008 |  |
| Perforations   | Top: 6495   | Bottom: 6782   | No. Holes: 168   | Hole size: _____                                    |  |
| Provide a brief summary of the formation treatment:  |   |  | Open Hole: <input type="checkbox"/>  |   |  |
| This formation is commingled with another formation:   |   |  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No          |   |  |
| Total fluid used in treatment (bbl): _____   |   |  | Max pressure during treatment (psi): _____                                   |   |  |
| Total gas used in treatment (mcf): _____   |   |  | Fluid density at initial fracture (lbs/gal): _____                           |   |  |
| Type of gas used in treatment: _____   |   |  | Min frac gradient (psi/ft): _____  |   |  |
| Total acid used in treatment (bbl): _____  |   |  | Number of staged intervals: _____  |   |  |
| Recycled water used in treatment (bbl): _____  |   |  | Flowback volume recovered (bbl): _____                                       |   |  |
| Fresh water used in treatment (bbl): _____   |   |  | Disposition method for flowback: _____                                       |   |  |
| Total proppant used (lbs): _____   |   |  | Rule 805 green completion techniques were utilized: <input type="checkbox"/> |   |  |
| Reason why green completion not utilized: _____  |   |  |  |   |  |
| <b>Fracture stimulations must be reported on FracFocus.org</b>                                     |   |  |  |   |  |
| <b><u>Test Information:</u></b>  |   |  |  |   |  |
| Date: _____  | Hours: _____  | Bbl oil: _____                                       | Mcf Gas: _____   | Bbl H2O: _____                                      |  |
| Calculated 24 hour rate: _____   | Bbl oil: _____  | Mcf Gas: _____                                       | Bbl H2O: _____   | GOR: _____  |  |
| Test Method: _____   | Casing PSI: _____   | Tubing PSI: _____                                    | Choke Size: _____  |   |  |
| Gas Disposition: _____   | Gas Type: _____   | Btu Gas: _____                                       | API Gravity Oil: _____   |   |  |
| Tubing Size: _____   | Tubing Setting Depth: _____                                       | Tbg setting date: _____                              | Packer Depth: _____  |   |  |
| Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div> |   |  |  |   |  |
| Date formation Abandoned: _____  | Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No | If yes, number of sacks cmt _____                    |  |   |  |
| ** Bridge Plug Depth: _____  | ** Sacks cement on top: _____                                     | ** Wireline and Cement Job Summary must be attached. |  |   |  |

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 08/22/2008

Perforations Top: 6495 Bottom: 6609 No. Holes: 128 Hole size: 0.42

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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:

Form 5A submitted to report CFTP removed 11/22/2008.

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: 10/25/2019 Email: julie.webb@nblenergy.com

**Attachment Check List**

| Att Doc Num | Name               |
|-------------|--------------------|
| 402032664   | FORM 5A SUBMITTED  |
| 402032665   | OPERATIONS SUMMARY |

Total Attach: 2 Files

**General Comments**

| User Group | Comment | Comment Date        |
|------------|---------|---------------------|
|            |         | Stamp Upon Approval |

Total: 0 comment(s)