

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:

400351974

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

2. Name of Operator: NOBLE ENERGY INC

3. Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

4. Contact Name: JEAN MUSE-REYNOLDS

Phone: (303) 228-4316

Fax: (303) 228-4286

5. API Number 05-123-35274-00

7. Well Name: ULRICH PC

8. Location: QtrQtr: SWNE Section: 21 Township: 4N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: G21-28D

Completed Interval

|                                   |                  |                             |                      |  |  |
|-----------------------------------|------------------|-----------------------------|----------------------|--|--|
| FORMATION: <u>CODELL</u>          |                  | Status: <u>COMMINGLED</u>   |                      | Treatment Type: <u>FRACTURE STIMULATION</u>                |  |
| Treatment Date: <u>09/24/2012</u> |                  | End Date: <u>09/24/2012</u> |                      | Date of First Production this formation: <u>09/27/2012</u> |  |
| Perforations                      | Top: <u>7592</u> | Bottom: <u>7606</u>         | No. Holes: <u>56</u> | Hole size: <u>0.4</u>                                      |  |

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

CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG

PUMPED 248444# OTTAWA SAND DOWNHOLE in 125313gals of 15% HCL/Clearstar/GELLED/SLICK/RECYCLED/FRESH WATER

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

|  |   |
|--|---|
| Total fluid used in treatment (bbl): <u>2984</u>   | Max pressure during treatment (psi): <u>5938</u>  |
| Total gas used in treatment (mcf): <u>0</u>        | Fluid density at initial fracture (lbs/gal): <u>8.34</u>                                |
| Type of gas used in treatment: _____               | Min frac gradient (psi/ft): <u>0.72</u>   |
| Total acid used in treatment (bbl): <u>12</u>      | Number of staged intervals: <u>7</u>  |
| Recycled water used in treatment (bbl): <u>257</u> | Flowback volume recovered (bbl): _____  |
| Fresh water used in treatment (bbl): <u>2715</u>   | Disposition method for flowback: <u>RECYCLE</u>   |
| Total proppant used (lbs): <u>248444</u>           | Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/> |

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: 09/26/2012

Perforations Top: 7300 Bottom: 7606 No. Holes: 104 Hole size: 0.4

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

CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG

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: 2 Bbl oil: 0 Mcf Gas: 75 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 75 Bbl H2O: 0 GOR: \_\_\_\_\_

Test Method: FLOWING Casing PSI: 250 Tubing PSI: 0 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1283 API Gravity Oil: 0

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 Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 09/24/2012 End Date: 09/24/2012 Date of First Production this formation: 09/26/2012  
Perforations Top: 7300 Bottom: 7408 No. Holes: 48 Hole size: 0.73

Provide a brief summary of the formation treatment:

Open Hole: ☐

CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG

PUMPED 252872# OTTAWA SAND DOWNHOLE in 163637gals of Clearstar/GELLED/SLICK/RECYCLED/FRESH WATER

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

Total fluid used in treatment (bbl): 3896

Max pressure during treatment (psi): 6369

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_

Min frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl): 0

Number of staged intervals: 7

Recycled water used in treatment (bbl): 273

Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): 3623

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 163637

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:

CODELL IS PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUG

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: JEAN MUSE-REYNOLDS

Title: REGULATORY COMPLIANCE Date: \_\_\_\_\_ Email: jnmuse@nobleenergyinc.com

:

#### Attachment Check List

| Att Doc Num | Name |
|-------------|------|
|             |      |

Total Attach: 0 Files

#### General Comments

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)