

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



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

Document Number:

400864408

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: EILEEN ROBERTS  
Phone: (303) 228-4330  
Fax: (303) 228-4286  
Email: eileen.roberts@nblenergy.com

5. API Number 05-123-37604-00  
6. County: WELD  
7. Well Name: Reliance E  
Well Number: 23-65-1HN  
8. Location: QtrQtr: NESE Section: 23 Township: 6N Range: 65W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/17/2015 End Date: 05/19/2015 Date of First Production this formation: 06/21/2015

Perforations Top: 7373 Bottom: 11087 No. Holes: 0 Hole size:

Provide a brief summary of the formation treatment: Open Hole: ☒

Frac'd the Niobrara w/ 3175713 gals of DynaFlow-2WR and Slick Water with 4032250

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

Total fluid used in treatment (bbl): 75612 Max pressure during treatment (psi): 7064

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment: Min frac gradient (psi/ft): 0.80

Total acid used in treatment (bbl): 0 Number of staged intervals: 19

Recycled water used in treatment (bbl): 4342 Flowback volume recovered (bbl): 185

Fresh water used in treatment (bbl): 71269 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4032250 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/22/2015 Hours: 24 Bbl oil: 187 Mcf Gas: 455 Bbl H2O: 498

Calculated 24 hour rate: Bbl oil: 187 Mcf Gas: 455 Bbl H2O: 498 GOR: 2433

Test Method: FLOWING Casing PSI: 2226 Tubing PSI: 1047 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1264 API Gravity Oil: 42

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7023 Tbg setting date: 06/20/2015 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:

|  |
|--|
|  |
|--|

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

Signed: \_\_\_\_\_

Print Name: EILEEN ROBERTS

Title: REGULATORY ANYLYST

Date: \_\_\_\_\_

Email eileen.roberts@nbenergy.com

:

### **Attachment Check List**

**Att Doc Num**      **Name**

|  |  |
|--|--|
|  |  |
|--|--|

Total Attach: 0 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

Total: 0 comment(s)