

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:

400777181

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 4. Contact Name: Eileen Roberts  
2. Name of Operator: NOBLE ENERGY INC Phone: (303) 2284330  
3. Address: 1625 BROADWAY STE 2200 Fax: (303) 2284286  
City: DENVER State: CO Zip: 80202 Email: eroberts@nobleenergyinc.com

5. API Number 05-123-38615-00 6. County: WELD  
7. Well Name: Rainbow Well Number: LC28-73-1HNA  
8. Location: QtrQtr: SESE Section: 28 Township: 9N Range: 59W Meridian: 6  
9. Field Name: WILDCAT Field Code: 99999

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/09/2014 End Date: 10/14/2014 Date of First Production this formation: 11/21/2014

Perforations Top: 6441 Bottom: 10181 No. Holes: 456 Hole size:

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

Frac'd the Niobrara w/ 3450808 gals of Silverstim and Slick Water with 2544440#'s of Ottawa sand.

Perf 6441-10185

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

Total fluid used in treatment (bbl): 82162 Max pressure during treatment (psi): 6402

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): 0.84

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

Recycled water used in treatment (bbl): 2755 Flowback volume recovered (bbl): 206

Fresh water used in treatment (bbl): 79406 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2544440 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

### Test Information:

Date: 11/28/2014 Hours: 24 Bbl oil: 374 Mcf Gas: 134 Bbl H2O: 747

Calculated 24 hour rate: Bbl oil: 374 Mcf Gas: 134 Bbl H2O: 747 GOR: 358

Test Method: FLOWING Casing PSI: 1018 Tubing PSI: 698 Choke Size: 22/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1291 API Gravity Oil: 41

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6115 Tbg setting date: 11/16/2014 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:

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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 Analyst I

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

Email : eroberts@nobleenergyinc.com

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
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Total Attach: 0 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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Total: 0 comment(s)