

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:

400707260

Date Received:

10/14/2014

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: Kathleen Mills  
Phone: (720) 587-2226  
Fax: (303) 228-4286  
Email: eroberts@nobleenergyinc.com

5. API Number 05-123-38621-00  
6. County: WELD  
7. Well Name: RICO  
Well Number: LC29-78-1HNC  
8. Location: QtrQtr: SWSW Section: 29 Township: 9N Range: 59W Meridian: 6  
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
Treatment Date: 08/02/2014 End Date: 08/09/2014 Date of First Production this formation: 09/06/2014  
Perforations Top: 6630 Bottom: 15445 No. Holes: 168 Hole size: 0.72

Provide a brief summary of the formation treatment:

Open Hole: ☒

PERF'D 6630-7802', FRAC'D W/10859210 GALS SILVERSTIM AND SLICK WATER, 52 GAL 7.5% HCL, AND 7347084# OTTAWA SAND

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

Total fluid used in treatment (bbl): 258553

Max pressure during treatment (psi): 7525

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): 0.81

Total acid used in treatment (bbl): 1

Number of staged intervals: 45

Recycled water used in treatment (bbl): 182393

Flowback volume recovered (bbl): 8226

Fresh water used in treatment (bbl): 76159

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 7347084

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)

Test Information:

Date: 09/17/2014 Hours: 24 Bbl oil: 223 Mcf Gas: 146 Bbl H2O: 233  
Calculated 24 hour rate: Bbl oil: 223 Mcf Gas: 146 Bbl H2O: 233 GOR: 654  
Test Method: FLOWING Casing PSI: 936 Tubing PSI: 587 Choke Size: 22/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1305 API Gravity Oil: 40  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6419 Tbg setting date: 09/05/2014 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: Kathleen Mills

Title: Regulatory Analyst Date: 10/14/2014 Email : eroberts@nobleenergyinc.com

### Attachment Check List

**Att Doc Num**      **Name**

400707260	FORM 5A SUBMITTED
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

Permit	Changed field name to DJ Horiz. Niobrara.	1/29/2016 2:58:24 PM
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Total: 1 comment(s)