

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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Date Received:

01/20/2015

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) 2284330
Fax: (303) 2284286
Email: eroberts@nobleenergyinc.com

5. API Number 05-123-38854-00
6. County: WELD
7. Well Name: Rainbow
Well Number: LC28-76-1BHNA
8. Location: QtrQtr: SWSE Section: 28 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: 10/26/2014 End Date: 10/31/2014 Date of First Production this formation: 11/29/2014

Perforations Top: 6493 Bottom: 10197 No. Holes: 184 Hole size:

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

19 Stages. Frac'd the Niobrara w/ 4384175 gals of Silverstim and Slick Water 1.75% HCl, with 3294700#s of Ottawa sand.

Perfed Niobrara, 6943-7897

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

Total fluid used in treatment (bbl): 104385 Max pressure during treatment (psi): 6674

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): 12 Number of staged intervals: 19

Recycled water used in treatment (bbl): 29681 Flowback volume recovered (bbl): 194

Fresh water used in treatment (bbl): 74692 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3294700 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/03/2014 Hours: 24 Bbl oil: 387 Mcf Gas: 626 Bbl H2O: 653

Calculated 24 hour rate: Bbl oil: 387 Mcf Gas: 626 Bbl H2O: 653 GOR: 1617

Test Method: FLOWING Casing PSI: 812 Tubing PSI: 386 Choke Size: 24/64

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

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6201 Tbg setting date: 11/23/2014 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: 1/20/2015 Email : eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num **Name**

400775645	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

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

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Total: 0 comment(s)