

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:

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: kmills@nobleenergyinc.com

5. API Number 05-123-38848-00
6. County: WELD
7. Well Name: Rainbow
Well Number: LC28-78-1HNA
8. Location: QtrQtr: SESW 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: 11/05/2014 End Date: 11/06/2014 Date of First Production this formation: 12/06/2014

Perforations Top: 6560 Bottom: 10244 No. Holes: Hole size:

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

FRAC'D W/2444920 GALS SILVERSTIM AND SLICK WATER AND 3346742# OTTAWA SAND

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

Total fluid used in treatment (bbl): 58212 Max pressure during treatment (psi): 5836

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): 0.78

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

Recycled water used in treatment (bbl): 5069 Flowback volume recovered (bbl): 11809

Fresh water used in treatment (bbl): 53143 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3346742 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/09/2014 Hours: 24 Bbl oil: 334 Mcf Gas: 148 Bbl H2O: 595

Calculated 24 hour rate: Bbl oil: 334 Mcf Gas: 148 Bbl H2O: 595 GOR: 443

Test Method: FLOWING Casing PSI: 914 Tubing PSI: 322 Choke Size: 22/64

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6333 Tbg setting date: 11/26/2014 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: _____

Email kmills@nobleenergyinc.com

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Attachment Check List

Att Doc Num **Name**

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Total Attach: 0 Files

General Comments

User Group **Comment**

Comment Date

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Total: 0 comment(s)