

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:

01/23/2015

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: Cheryl Johnson
Phone: (303) 228-4437
Fax: (303) 228-4286
Email: cheryljohnson@nobleenergyinc.com

5. API Number 05-123-38853-00
6. County: WELD
7. Well Name: Rainbow
Well Number: LC28-79-1HNA
8. Location: QtrQtr: SWSW 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: 11/08/2014 End Date: 11/09/2014 Date of First Production this formation: 12/09/2014

Perforations Top: 6628 Bottom: 10026 No. Holes: 0 Hole size:

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

Frac'd 18 Stages in the Niobrara w/ 2348392 gals of Silverstim and Slick Water with 3188820#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 55914 Max pressure during treatment (psi): 5032

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: 18

Recycled water used in treatment (bbl): 3442 Flowback volume recovered (bbl): 180

Fresh water used in treatment (bbl): 52471 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3188820 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: 348 Mcf Gas: 157 Bbl H2O: 618

Calculated 24 hour rate: Bbl oil: 348 Mcf Gas: 157 Bbl H2O: 618 GOR: 451

Test Method: flow Casing PSI: 941 Tubing PSI: 330 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: 6409 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:

This well was drilled prior to the new rule regarding rig release document submittals.

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

Signed: _____

Print Name: Cheryl Johnson

Title: Regulatory Advisor

Date: 1/23/2015

Email: cheryljohnson@nobleenergyinc.com

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Attachment Check List

Att Doc Num

Name

400775361

FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

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Total: 0 comment(s)