

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:

400859878

Date Received:

06/29/2015

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 05-123-38143-00
7. Well Name: RELIANCE
8. Location: QtrQtr: NWNW Section: 23 Township: 6N
9. Field Name: WATTENBERG

6. County: WELD
Well Number: E23-69HN
Range: 65W Meridian: 6
Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/01/2015 End Date: 05/08/2015 Date of First Production this formation: 05/24/2015

Perforations Top: 7533 Bottom: 11648 No. Holes: Hole size:

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

Frac'd the Niobrara w/ 4214269 gals of DynaFlow-2WR and Slick Water with 4672139#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 100339

Max pressure during treatment (psi): 6591

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): 1.00

Total acid used in treatment (bbl): 0

Number of staged intervals: 22

Recycled water used in treatment (bbl): 5388

Flowback volume recovered (bbl): 225

Fresh water used in treatment (bbl): 94950

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4672139

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/28/2015 Hours: 24 Bbl oil: 467 Mcf Gas: 682 Bbl H2O: 643

Calculated 24 hour rate: Bbl oil: 467 Mcf Gas: 682 Bbl H2O: 643 GOR: 1460

Test Method: FLOWING Casing PSI: 2437 Tubing PSI: 1272 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1264 API Gravity Oil: 42

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7259 Tbg setting date: 05/23/2015 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: 6/29/2015 Email: eroberts@nobleenergyinc.com
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Attachment Check List

Att Doc Num **Name**

400859878	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)