

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:

400771102

Date Received:

01/22/2015

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

5. API Number 05-123-39553-00

6. County: WELD

7. Well Name: Heartland State

Well Number: C31-79-1HN

8. Location: QtrQtr: SESE Section: 25 Township: 4N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/29/2014 End Date: 12/01/2014 Date of First Production this formation: 12/11/2014

Perforations Top: 7536 Bottom: 11812 No. Holes: Hole size:

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

FRAC'D W/5050617 GALS BRAODBAND PILL, YF 130HT, WF 100 AND SLICK WATER AND 5317620# OTTAWA SAND

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

Total fluid used in treatment (bbl): 120252

Max pressure during treatment (psi): 6034

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): 0.95

Total acid used in treatment (bbl):

Number of staged intervals: 23

Recycled water used in treatment (bbl): 5723

Flowback volume recovered (bbl): 2062

Fresh water used in treatment (bbl): 114529

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 5317620

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/25/2014 Hours: 24 Bbl oil: 263 Mcf Gas: 1050 Bbl H2O: 372

Calculated 24 hour rate: Bbl oil: 263 Mcf Gas: 1050 Bbl H2O: 372 GOR: 3992

Test Method: FLOWING Casing PSI: 2540 Tubing PSI: 1780 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1332 API Gravity Oil: 41

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7237 Tbg setting date: 12/19/2014 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: 1/22/2015 Email: eroberts@nobleenergyinc.com
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Attachment Check List

Att Doc Num Name

400771102	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)