

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:

400777484

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

5. API Number 05-123-39551-00
7. Well Name: Heartland
8. Location: QtrQtr: SESE Section: 25 Township: 4N
9. Field Name: WATTENBERG

6. County: WELD
Well Number: G25-73-1HN
Range: 65W Meridian: 6
Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/09/2014 End Date: 12/01/2014 Date of First Production this formation: 12/31/2014

Perforations Top: 7579 Bottom: 16741 No. Holes: Hole size:

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

FRAC'D W/6770310 GALS SILVERSTIM AND SLICK WATER AND 9760718# OTTAWA SAND

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

Total fluid used in treatment (bbl): 161197

Max pressure during treatment (psi): 7936

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): 0.98

Total acid used in treatment (bbl):

Number of staged intervals: 38

Recycled water used in treatment (bbl): 11028

Flowback volume recovered (bbl): 11411

Fresh water used in treatment (bbl): 150169

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 9760718

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/09/2015 Hours: 24 Bbl oil: 327 Mcf Gas: 1730 Bbl H2O: 441
Calculated 24 hour rate: Bbl oil: 327 Mcf Gas: 1730 Bbl H2O: 441 GOR: 5290
Test Method: FLOWING Casing PSI: 2870 Tubing PSI: 2240 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1299 API Gravity Oil: 39
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7224 Tbg setting date: 12/18/2014 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: 1/23/2015 Email: eroberts@nobleenergyinc.com
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Attachment Check List

Att Doc Num **Name**

400777484	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per operator, bottom prod. interval depth is 16741'.	11/10/2016
Permit	Verify perf interval depths (bottom is lower than TD)	10/18/2016

Total: 2 comment(s)