

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:

400572950

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 05-123-37213-00

6. County: WELD

7. Well Name: WELLS RANCH AE

Well Number: 20-64-1HN

8. Location: QtrQtr: NWSW Section: 20 Township: 6N Range: 62W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/18/2013 End Date: 12/19/2013 Date of First Production this formation: 01/31/2014

Perforations Top: 7064 Bottom: 10743 No. Holes: 0 Hole size:

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

FRAC'D W/2747028 GALS PERMSTIM AND SLICK WATER AND 4053987# OTTAWA SAND

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

Total fluid used in treatment (bbl): 65405

Max pressure during treatment (psi): 5666

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): 0.84

Total acid used in treatment (bbl):

Number of staged intervals: 19

Recycled water used in treatment (bbl): 4403

Flowback volume recovered (bbl): 434

Fresh water used in treatment (bbl): 61002

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4053987

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

### Test Information:

Date: 02/06/2014 Hours: 24 Bbl oil: 265 Mcf Gas: 166 Bbl H2O: 302

Calculated 24 hour rate: Bbl oil: 265 Mcf Gas: 166 Bbl H2O: 302 GOR: 626

Test Method: FLOWING Casing PSI: 0 Tubing PSI: 472 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1265 API Gravity Oil: 40

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6834 Tbg setting date: 01/20/2014 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**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
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Total Attach: 0 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>
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<b><u>Comment Date</u></b>
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Total: 0 comment(s)