

FORM 5A  
Rev 06/12

# State of Colorado Oil and Gas Conservation Commission

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## 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 05-123-37218-00  
6. County: WELD  
7. Well Name: WELLS RANCH AE  
Well Number: 20-65HN  
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: 12/10/2013 End Date: 12/13/2013 Date of First Production this formation: 01/31/2014

Perforations Top: 7094 Bottom: 10183 No. Holes: 0 Hole size: \_\_\_\_\_

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

FRAC'D W/2498497 GALS PERMSTIM AND SLICK WATER AND 3382998# OTTAWA SAND

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 59488 Max pressure during treatment (psi): 5879

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): 0.89

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: 20

Recycled water used in treatment (bbl): 3717 Flowback volume recovered (bbl): 4975

Fresh water used in treatment (bbl): 55771 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3382998 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: 320 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: 6303 Tbg setting date: 01/26/2014 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

**Att Doc Num**      **Name**

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Total Attach: 0 Files

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Total: 0 comment(s)