

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:

400456199

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 4. Contact Name: Kathleen Mills  
2. Name of Operator: NOBLE ENERGY INC Phone: (720) 587-2226  
3. Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286  
City: DENVER State: CO Zip: 80202

5. API Number 05-123-37261-00 6. County: WELD  
7. Well Name: SAUER Well Number: F33-77-1HNX  
8. Location: QtrQtr: SESW Section: 33 Township: 5N Range: 65W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/10/2013 End Date: 06/10/2013 Date of First Production this formation: 06/19/2013

Perforations Top: 7333 Bottom: 10845 No. Holes: 0 Hole size:

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

FRAC'D W/2112739 GAL VISTAR AND SLICK WATER AND 2314400# OTTAWA SAND

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

Total fluid used in treatment (bbl): 50303 Max pressure during treatment (psi): 6277

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): 0.91

Total acid used in treatment (bbl):  Number of staged intervals: 24

Recycled water used in treatment (bbl): 2503 Flowback volume recovered (bbl): 1228

Fresh water used in treatment (bbl): 47800 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2314400 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

Test Information:

Date: 06/28/2013 Hours: 24 Bbl oil: 204 Mcf Gas: 1240 Bbl H2O: 137

Calculated 24 hour rate: Bbl oil: 204 Mcf Gas: 1240 Bbl H2O: 137 GOR: 6078

Test Method: FLOWING Casing PSI: 2410 Tubing PSI: 1960 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1287 API Gravity Oil: 42

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7067 Tbg setting date: 06/18/2013 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

### **General Comments**

**User Group**      **Comment**      **Comment Date**

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Total: 0 comment(s)