

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



DE ET OE ES

Document Number:

400488713

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

5. API Number 05-123-36378-00  
6. County: WELD  
7. Well Name: NAKAGAWA  
Well Number: B13-64-1HN  
8. Location: QtrQtr: SWSW Section: 13 Township: 5N Range: 64W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/23/2013 End Date: 08/23/2013 Date of First Production this formation: 09/05/2013

Perforations Top: 7102 Bottom: 10934 No. Holes: 0 Hole size:

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

FRAC'D W/3447516 GAL PERMSTIM AND SLICK WATER AND 4111782# OTTAWA SAND

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

Total fluid used in treatment (bbl): 82084 Max pressure during treatment (psi): 5715

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): 0.88

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

Recycled water used in treatment (bbl): 4432 Flowback volume recovered (bbl): 6205

Fresh water used in treatment (bbl): 77652 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4111782 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/11/2013 Hours: 24 Bbl oil: 486 Mcf Gas: 0 Bbl H2O: 215

Calculated 24 hour rate: Bbl oil: 486 Mcf Gas: 0 Bbl H2O: 215 GOR: 0

Test Method: FLOWING Casing PSI: 2320 Tubing PSI: 1610 Choke Size: 16/64

Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 38

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6831 Tbg setting date: 09/04/2013 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:

--

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

:

### **Attachment Check List**

**Att Doc Num**      **Name**

--	--

Total Attach: 0 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

--	--	--

Total: 0 comment(s)