

FORM  
5ARev  
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

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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: Eileen Roberts

Phone: (303) 2284330

Fax: (303) 2284286

Email: eroberts@nobleenergyinc.com

5. API Number 05-123-37810-00

7. Well Name: Wells Ranch AA

6. County: WELD

Well Number: 21-65HN

8. Location: QtrQtr: SENE Section: 21 Township: 6N Range: 63W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

## Completed Interval

FORMATION: NIOBRARA

Status: PRODUCING

Treatment Type: FRACTURE  
STIMULATION

Treatment Date: 04/30/2014

End Date: 05/01/2014

Date of First Production this formation: 06/03/2014

Perforations Top: 7272 Bottom: 10806 No. Holes: 0 Hole size:

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd the Niobrara w/ 2386778 gals of Silverstim and Slick Water with 3319173#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 56828

Max pressure during treatment (psi): 4476

Total gas used in treatment (mcf): 0

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): 0

Number of staged intervals: 16

Recycled water used in treatment (bbl): 3559

Flowback volume recovered (bbl): 152

Fresh water used in treatment (bbl): 53268

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3319173

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 06/11/2014 Hours: 24 Bbl oil: 637 Mcf Gas: 754 Bbl H2O: 423

Calculated 24 hour rate: Bbl oil: 637 Mcf Gas: 754 Bbl H2O: 423 GOR: 1183

Test Method: FLOWING Casing PSI: 646 Tubing PSI: 782 Choke Size: 20/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1276 API Gravity Oil: 59

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7034 Tbg setting date: 05/21/2014 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: Eileen Roberts \_\_\_\_\_

Title: Regulatory Specialist Date: \_\_\_\_\_ Email: eroberts@nobleenergyinc.com  
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