

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:

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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

5. API Number 05-123-33675-00

7. Well Name: VARRA

8. Location: QtrQtr: NENW Section: 31 Township: 3N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: P31-74HN

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/29/2011 End Date: 11/29/2011 Date of First Production this formation: 12/04/2011

Perforations Top: 7683 Bottom: 11506 No. Holes: 0 Hole size: 0

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd the Niobrara w/ 2315666 gals of Silverstim and Slick Water with 3,805,115#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 4793811

Max pressure during treatment (psi): 6972

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): 0.83

Total acid used in treatment (bbl): 0

Number of staged intervals: 20

Recycled water used in treatment (bbl): 2478144

Flowback volume recovered (bbl): 4793810

Fresh water used in treatment (bbl): 2315666

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3606632

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)

#### Test Information:

Date: 04/17/2012 Hours: 24 Bbl oil: 181 Mcf Gas: 949 Bbl H2O: 150

Calculated 24 hour rate: Bbl oil: 181 Mcf Gas: 949 Bbl H2O: 150 GOR: 5243

Test Method: FLOWING Casing PSI: 1124 Tubing PSI: 805 Choke Size: 018/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1287 API Gravity Oil: 52

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7295 Tbg setting date: 12/14/2011 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: Eileen Roberts

Title: Regulatory Specialist Date: Email: [eroberts@nobleenergyinc.com](mailto:eroberts@nobleenergyinc.com)

### Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)