

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

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) 228-4330  
Fax: (303) 228-4286  
Email: eileen.roberts@nblenergy.com

5. API Number 05-123-37605-00

6. County: WELD

7. Well Name: Reliance E

Well Number: 23-66-1HC

8. Location: QtrQtr: NESE

Section: 23

Township: 6N

Range: 65W

Meridian: 6

9. Field Name: WATTENBERG

Field Code: 90750

## Completed Interval

FORMATION: CODELL

Status: PRODUCING

Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/14/2015

End Date: 05/17/2015

Date of First Production this formation: 06/21/2015

Perforations

Top: 7614

Bottom: 11396

No. Holes: 0

Hole size:

Provide a brief summary of the formation treatment:

Open Hole: ☒

Frac'd the Codell w/ 3928998 gals of DynaFlow-2WR and Slick Water with 3326000#'s of Ottawa sand.

This formation is commingled with another formation:

☐ Yes ☒ No

Total fluid used in treatment (bbl): 93547

Max pressure during treatment (psi): 6662

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): 0.75

Total acid used in treatment (bbl): 0

Number of staged intervals: 20

Recycled water used in treatment (bbl): 3751

Flowback volume recovered (bbl): 228

Fresh water used in treatment (bbl): 89796

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3326000

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 06/26/2015

Hours: 24

Bbl oil: 170

Mcf Gas: 380

Bbl H2O: 388

Calculated 24 hour rate:

Bbl oil: 170

Mcf Gas: 380

Bbl H2O: 388

GOR: 2235

Test Method: FLOWING

Casing PSI: 2139

Tubing PSI: 1015

Choke Size: 16/64

Gas Disposition: SOLD

Gas Type: WET

Btu Gas: 1264

API Gravity Oil: 40

Tubing Size: 2 + 3/8

Tubing Setting Depth: 7267

Tbg setting date: 06/15/2015

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 ANALYST \_\_\_\_\_

Date: \_\_\_\_\_

Email eileen.roberts@nblenergy.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)