

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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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: Julie Webb  
Phone: (720) 587-2223  
Fax:  
Email: jwebb@progressivepcs.net

5. API Number 05-123-41530-00  
6. County: WELD  
7. Well Name: 70 Ranch State  
Well Number: BB18-689  
8. Location: QtrQtr: NENE Section: 17 Township: 5N Range: 63W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/13/2015 End Date: 11/18/2015 Date of First Production this formation: 01/07/2016

Perforations Top: 7042 Bottom: 15750 No. Holes: 0 Hole size:

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

Niobrara Frac'd with 9666442 lb Ottawa Sand, 8370932 gal Fresh water, 8814603 gal silverstem and slick water

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

Total fluid used in treatment (bbl): 409180 Max pressure during treatment (psi): 7859

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): 0.89

Total acid used in treatment (bbl): Number of staged intervals: 37

Recycled water used in treatment (bbl): 209872 Flowback volume recovered (bbl): 10362

Fresh water used in treatment (bbl): 199308 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 966442 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/13/2016 Hours: 24 Bbl oil: 837 Mcf Gas: 930 Bbl H2O: 324

Calculated 24 hour rate: Bbl oil: 837 Mcf Gas: 930 Bbl H2O: 324 GOR: 1111

Test Method: Flowing Casing PSI: 1812 Tubing PSI: 1316 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1368 API Gravity Oil: 53

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6841 Tbg setting date: 12/21/2015 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: Julie Webb

Title: Regualtory Analyst

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

Email jwebb@progressivepcs.net

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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)