

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:

400298228

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: Andrea Rawson  
Phone: (303) 228-4253  
Fax: (303) 228-4286

5. API Number 05-123-22745-00  
6. County: WELD  
7. Well Name: DUNBAR  
Well Number: 18-34  
8. Location: QtrQtr: SESW Section: 18 Township: 6N Range: 66W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/19/2011 End Date: 10/19/2011 Date of First Production this formation: 06/15/2005

Perforations Top: 7195 Bottom: 7212 No. Holes: 68 Hole size:

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

Re-Frac'd Codell w/ 134698 gals of Vistar with 251120#'s of Ottawa sand.

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

Total fluid used in treatment (bbl): 3207 Max pressure during treatment (psi): 5145

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Number of staged intervals: 6

Total acid used in treatment (bbl): Max frac gradient (psi/ft): 0.87

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

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

Total proppant used (lbs): 251120 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/04/2011 Hours: 24 Bbl oil: 11 Mcf Gas: 21 Bbl H2O: 1

Calculated 24 hour rate: Bbl oil: 11 Mcf Gas: 21 Bbl H2O: 1 GOR: 1909

Test Method: Flowing Casing PSI: 600 Tubing PSI: 550 Choke Size: 24

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1257 API Gravity Oil: 51

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7179 Tbg setting date: 10/25/2011 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:

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: Andrea Rawson

Title: Regulatory Specialist Date: \_\_\_\_\_ Email arawson@nobleenergyinc.com  
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### **Attachment Check List**

Att Doc Num	Name
400298242	WELLBORE DIAGRAM

Total Attach: 1 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)