

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 400297525

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 4. Contact Name: Andrea Rawson
2. Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4253
3. Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286
City: DENVER State: CO Zip: 80202

5. API Number 05-123-17596-00 6. County: WELD
7. Well Name: KNAUS Well Number: 28-8
8. Location: QtrQtr: SENE Section: 28 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: 12/19/2011 End Date: 12/19/2011 Date of First Production this formation: 03/12/1994

Perforations Top: 7098 Bottom: 7115 No. Holes: 34 Hole size:

Provide a brief summary of the formation treatment: Open Hole: [ ]

Tri-Frac'd Codell w/ 138,934 gals of Slick water and Vistar with 247,580#'s of Ottawa sand.

This formation is commingled with another formation: [X] Yes [ ] No

Total fluid used in treatment (bbl): 3308 Max pressure during treatment (psi): 7623

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): 247580 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/10/2012 Hours: 24 Bbl oil: 3 Mcf Gas: 2 Bbl H2O: 2

Calculated 24 hour rate: Bbl oil: 3 Mcf Gas: 2 Bbl H2O: 2 GOR: 667

Test Method: Flowing Casing PSI: 700 Tubing PSI: 550 Choke Size: 48

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1343 API Gravity Oil: 60

Tubing Size: 2 + 1/16 Tubing Setting Depth: 7085 Tbg setting date: 12/27/2011 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:

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
400297530	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)