

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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: Kathleen Mills
2. Name of Operator: NOBLE ENERGY INC Phone: (720) 587-2226
3. Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286
City: DENVER State: CO Zip: 80202

5. API Number 05-123-36679-00 6. County: WELD
7. Well Name: KUMMER PC Well Number: LE23-64HN
8. Location: QtrQtr: NWSW Section: 23 Township: 8N Range: 61W Meridian: 6
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/28/2013 End Date: 05/28/2013 Date of First Production this formation: 06/19/2013

Perforations Top: 7075 Bottom: 10719 No. Holes: 0 Hole size:

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

FRAC'D W/ 2251505 GAL SILVERSTIM AND SLICK WATER AND 3242828# OTTAWA SAND

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

Total fluid used in treatment (bbl): 53607 Max pressure during treatment (psi): 5141
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): 0.87
Total acid used in treatment (bbl): Number of staged intervals: 19
Recycled water used in treatment (bbl): 3574 Flowback volume recovered (bbl): 2055
Fresh water used in treatment (bbl): 50033 Disposition method for flowback: RECYCLE
Total proppant used (lbs): 3242828 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: 06/24/2013 Hours: 24 Bbl oil: 237 Mcf Gas: 139 Bbl H2O: 430
Calculated 24 hour rate: Bbl oil: 237 Mcf Gas: 139 Bbl H2O: 430 GOR: 586
Test Method: FLOWING Casing PSI: 0 Tubing PSI: 260 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1413 API Gravity Oil: 42
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6811 Tbg setting date: 06/02/2013 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: Kathleen Mills

Title: Regulatory Analyst Date: 7/25/2013 Email: kmills@nobleenergyinc.com  
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### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400450275	FORM 5A SUBMITTED

Total Attach: 1 Files

### **General Comments**

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

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