

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:

400456437

Date Received:

07/29/2013

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: Kathleen Mills  
Phone: (720) 587-2226  
Fax: (303) 228-4286  
Email: kmills@nobleenergyinc.com

5. API Number 05-123-36682-00

6. County: WELD

7. Well Name: KUMMER PC

Well Number: LE23-65HN

8. Location: QtrQtr: NWSW Section: 23 Township: 8N Range: 61W Meridian: 6

9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/26/2013 End Date: 05/26/2013 Date of First Production this formation: 06/19/2013

Perforations Top: 7028 Bottom: 10659 No. Holes: 0 Hole size:

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

FRAC'D W/ 2381384 GAL SILVERSTIM AND SLICK WATER AND 3406000# OTTAWA SAND

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

Total fluid used in treatment (bbl): 56700

Max pressure during treatment (psi): 6430

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): 0.91

Total acid used in treatment (bbl):

Number of staged intervals: 19

Recycled water used in treatment (bbl): 3887

Flowback volume recovered (bbl): 1560

Fresh water used in treatment (bbl): 52813

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3406000

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/22/2013 Hours: 24 Bbl oil: 226 Mcf Gas: 107 Bbl H2O: 477

Calculated 24 hour rate: Bbl oil: 226 Mcf Gas: 107 Bbl H2O: 477 GOR: 473

Test Method: FLOWING Casing PSI: 0 Tubing PSI: 230 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1413 API Gravity Oil: 39

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6813 Tbg setting date: 06/10/2013 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: 7/29/2013 Email kmills@nobleenergyinc.com  
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### Attachment Check List

**Att Doc Num**      **Name**

400456437	FORM 5A SUBMITTED
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

Permit	Changed field name to DJ Horiz. Niobrara.	1/2/2015 1:20:50 PM
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Total: 1 comment(s)