

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



Table with columns DE, ET, OE, ES

Document Number: 400415072

Date Received: 05/07/2013

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 05-123-35060-00
6. County: WELD
7. Well Name: WASHBURN LE
Well Number: 22-78HN
8. Location: QtrQtr: NWNW Section: 22 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: 04/30/2012 End Date: 04/30/2012 Date of First Production this formation: 05/13/2012

Perforations Top: 7104 Bottom: 10652 No. Holes: 0 Hole size:

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

FRAC'D W/2,605,545 GAL VISTAR AND SLICK WATER, 3,164,774# OTTAWA SAND AND 357,132# SUPER LC

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

Total fluid used in treatment (bbl): 62037 Max pressure during treatment (psi): 7890
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): 3813 Flowback volume recovered (bbl): 7616
Fresh water used in treatment (bbl): 58224 Disposition method for flowback: RECYCLE
Total proppant used (lbs): 3521906 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: 05/18/2012 Hours: 24 Bbl oil: 319 Mcf Gas: 403 Bbl H2O: 622
Calculated 24 hour rate: Bbl oil: 319 Mcf Gas: 403 Bbl H2O: 622 GOR: 1263
Test Method: FLOWING Casing PSI: 897 Tubing PSI: 397 Choke Size: 30/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1356 API Gravity Oil: 36
Tubing Size: 2 + 7/8 Tubing Setting Depth: 6860 Tbg setting date: 05/09/2012 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:

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: 5/7/2013 Email: kmills@nobleenergyinc.com  
:

### Attachment Check List

**Att Doc Num**      **Name**

400415072	FORM 5A SUBMITTED
-----------	-------------------

Total Attach: 1 Files

### General Comments

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

Permit	Reuqested, and recived first production date	5/16/2014 9:58:37 AM
Permit	On hold pending form 5.	6/17/2013 1:22:51 PM

Total: 2 comment(s)