

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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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: Kathleen Mills
Phone: (720) 587-2226
Fax: (303) 228-4286

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:

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

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

FRAC'D W/2605545 GAL VISTAR AND SLICK WATER, 3164774# OTTAWA SAND AND 357132# SUPER LC

This formation is commingled with another formation: ☐ Yes ☒ 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: ☒

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:

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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: _____ Email: kmills@nobleenergyinc.com
:

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

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

Total: 0 comment(s)