

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 2. Name of Operator: NOBLE ENERGY INC 3. Address: 1625 BROADWAY STE 2200 City: DENVER State: CO Zip: 80202 4. Contact Name: Eileen Roberts Phone: (303) 2284330 Fax: (303) 2284286 Email: eroberts@nobleenergyinc.com

5. API Number 05-123-37274-00 6. County: WELD 7. Well Name: CROW CREEK STATE Well Number: AC36-78-1HN 8. Location: QtrQtr: SWSW Section: 36 Township: 7N Range: 63W Meridian: 6 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 11/15/2013 End Date: 11/15/2013 Date of First Production this formation: 12/17/2013 Perforations Top: 7232 Bottom: 11082 No. Holes: 0 Hole size:

Provide a brief summary of the formation treatment: Open Hole: [] Frac'd the Niobrara w/ 2579818 gals of Permstim and Slick Water with 3693060#'s of Ottawa sand.

This formation is commingled with another formation: [] Yes [X] No Total fluid used in treatment (bbl): 61424 Max pressure during treatment (psi): 5426 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): 0.92 Total acid used in treatment (bbl): Number of staged intervals: 20 Recycled water used in treatment (bbl): 3727 Flowback volume recovered (bbl): 383 Fresh water used in treatment (bbl): 57696 Disposition method for flowback: RECYCLE Total proppant used (lbs): 3693060 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: 12/21/2013 Hours: 24 Bbl oil: 182 Mcf Gas: 109 Bbl H2O: 383 Calculated 24 hour rate: Bbl oil: 182 Mcf Gas: 109 Bbl H2O: 383 GOR: 598 Test Method: FLOWING Casing PSI: 872 Tubing PSI: 555 Choke Size: 16/64 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1372 API Gravity Oil: 42 Tubing Size: 2 + 7/8 Tubing Setting Depth: 7032 Tbg setting date: 12/04/2013 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: Eileen Roberts

Title: Regulatory Specialist Date: 1/9/2014 Email: eroberts@nobleenergyinc.com
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Attachment Check List

Att Doc Num **Name**

400537344	FORM 5A SUBMITTED
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Total Attach: 1 Files

General Comments

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

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