

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:

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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 05-123-35652-00

7. Well Name: KERN

8. Location: QtrQtr: NWNW Section: 20 Township: 8N Range: 63W Meridian: 6

9. Field Name: WILDCAT Field Code: 99999

6. County: WELD

Well Number: GW17-78HN

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/11/2012 End Date: 08/21/2012 Date of First Production this formation: 09/05/2012

Perforations Top: 7543 Bottom: 11240 No. Holes: 0 Hole size: _____

Provide a brief summary of the formation treatment:

Open Hole: ☐

8/11/2012 FRAC'D 10698-11240' W/579448 GAL OF SILVERSTIM AND SLICK WATER, 591290# OTTAWA SAND AND 58518# RC SAND; MAX PRESS 7370 PSI. 8/21/2012 FRAC'D 7543-10538' W/3084920 GAL SILVERSTIM AND SLICK WATER, 3011795# OTTAWA SAND AND 313766# REC SAND. MAX PRESS 7172 PSI.

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

Total fluid used in treatment (bbl): 87247

Max pressure during treatment (psi): 7370

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): 1.90

Total acid used in treatment (bbl): _____

Number of staged intervals: 24

Recycled water used in treatment (bbl): 4337

Flowback volume recovered (bbl): 3744

Fresh water used in treatment (bbl): 82910

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3975369

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PRESSURE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 09/18/2012 Hours: 24 Bbl oil: 134 Mcf Gas: 62 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 134 Mcf Gas: 62 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 865 Tubing PSI: 291 Choke Size: 20/64

Gas Disposition: FLARED Gas Type: WET Btu Gas: 0 API Gravity Oil: 30

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6807 Tbg setting date: 02/12/2013 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:

Gas flared - building pressure, 1st gas sales 2/21/2013.

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

User Group	Comment	Comment Date

Total: 0 comment(s)