

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: Julie Webb  
Phone: (720) 587-2316  
Fax:

5. API Number 05-045-17158-00  
6. County: GARFIELD  
7. Well Name: BATTLEMENT MESA  
Well Number: 34-31B  
8. Location: QtrQtr: SENW Section: 34 Township: 7S Range: 95W Meridian: 6  
9. Field Name: RULISON Field Code: 75400

Completed Interval

FORMATION: CAMEO Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/06/2012 End Date: 07/06/2012 Date of First Production this formation: 07/17/2012

Perforations Top: 8722 Bottom: 9081 No. Holes: 40 Hole size: 0.34

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

Frac 750 gal of 7.5% HCL, 84,437 gal of 2%KCL, 89,000 lbs White Sand, and 24,700 lbs of Prime Plus

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

Total fluid used in treatment (bbl): 2099 Max pressure during treatment (psi): 7116

Total gas used in treatment (mcf): 80 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: CARBON DIOXIDE Min frac gradient (psi/ft): 30.50

Total acid used in treatment (bbl): 18 Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE

Total proppant used (lbs): 113700 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: 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.

FORMATION: WILLIAMS FORK - CAMEO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/06/2013 End Date: 07/18/2013 Date of First Production this formation: 07/17/2013

Perforations Top: 7504 Bottom: 9081 No. Holes: 171 Hole size: 0.34

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

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

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on [FracFocus.org](http://FracFocus.org)**

**Test Information:**

Date: 07/19/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 1403 Bbl H2O: 340

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1403 Bbl H2O: 340 GOR: \_\_\_\_\_

Test Method: Flowing Casing PSI: 130 Tubing PSI: 1180 Choke Size: 18/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 944 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8933 Tbg setting date: 07/13/2012 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.

