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: Sarah Finnegan
Phone: (720) 587-2265
Fax: (303) 228-4286

5. API Number 05-123-21102-00
6. County: WELD
7. Well Name: RUDOLPH
Well Number: 2-31
8. Location: QtrQtr: NESW Section: 2 Township: 5N Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/25/2003 End Date: 05/06/2012 Date of First Production this formation: 07/01/2003

Perforations Top: 7204 Bottom: 7217 No. Holes: 120 Hole size:

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

Pumped 238,735 lbs of Ottawa Proppant and 129,691 gallons of 15% HCL, Slick Water, and Vistar.
Commingle the Niobrara and Codell.

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

Total fluid used in treatment (bbl): 3088
Max pressure during treatment (psi): 3251
Total gas used in treatment (mcf):
Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment:
Max frac gradient (psi/ft): 0.71
Total acid used in treatment (bbl):
Number of staged intervals: 7
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): 238735
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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 06/25/2003 End Date: 05/06/2012 Date of First Production this formation: 07/29/2012

Perforations Top: 6894 Bottom: 7217 No. Holes: 168 Hole size:

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

Niobrara Perfs: 6894-7030
Codell Perfs: 7204-7217

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: Max 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

Test Information:

Date: 08/02/2012 Hours: 24 Bbl oil: 4 Mcf Gas: 24 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 4 Mcf Gas: 24 Bbl H2O: 0 GOR: 6000

Test Method: Flowing Casing PSI: 599 Tubing PSI: 483 Choke Size: 36/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1297 API Gravity Oil: 51

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7185 Tbg setting date: 05/23/2012 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.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/06/2012 End Date: 05/06/2012 Date of First Production this formation: 07/29/2012

Perforations Top: 6894 Bottom: 7030 No. Holes: 48 Hole size: 0.72

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

Pumped 257,216 lbs of Ottawa Proppant and 152,392 gallons of Slick Water and Vistar.
Commingle the Niobrara and Codell.

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

Total fluid used in treatment (bbl): 3628 Max pressure during treatment (psi): 4409

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

Type of gas used in treatment: Max frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl): Number of staged intervals: 7

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): 257216 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.

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Sarah Finnegan

Title: Regulatory Analyst Date: Email: sfinnegan@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)