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: Tania McNutt
Phone: (303) 228-4392
Fax: (303) 228-4286

5. API Number 05-123-31105-00
6. County: WELD
7. Well Name: DF RANCH
Well Number: 1161-8-14
8. Location: QtrQtr: SENE Section: 8 Township: 11N Range: 61W Meridian: 6
9. Field Name: GROVER Field Code: 33380

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/14/2012 End Date: 02/14/2012 Date of First Production this formation: 02/15/2012

Perforations Top: 7186 Bottom: 7204 No. Holes: 72 Hole size: 0.44

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

Pumped 244,992 lbs of Ottawa Proppant and 148,957 gallons of 15% HCL, Slick Water and Silverstim.
Commingle the Niobrara and Codell

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

Total fluid used in treatment (bbl): 3828
Max pressure during treatment (psi): 4629
Total gas used in treatment (mcf):
Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment:
Number of staged intervals: 1
Total acid used in treatment (bbl):
Max frac gradient (psi/ft): 0.75
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): 244992
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:

FORMATION: J-NIOBRARA-CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 6959 Bottom: 7826 No. Holes: 224 Hole size:

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: Number of staged intervals:

Total acid used in treatment (bbl): Max frac gradient (psi/ft):

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: 03/16/2012 Hours: 24 Bbl oil: 38 Mcf Gas: 22 Bbl H2O: 76

Calculated 24 hour rate: Bbl oil: 38 Mcf Gas: 22 Bbl H2O: 76 GOR: 579

Test Method: FLOWING Casing PSI: 99 Tubing PSI: Choke Size: 11/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1394 API Gravity Oil: 43

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:

FORMATION: J SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/14/2012 End Date: 02/14/2012 Date of First Production this formation: 02/15/2012

Perforations Top: 7768 Bottom: 7826 No. Holes: 104 Hole size: 0.41

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

Pumped 246,801 lbs of Ottawa Proppant, 12,157 lbs of SB Excel and 148,751 gallons of Slick Water and Silverstim.

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

Total fluid used in treatment (bbl): 3820 Max pressure during treatment (psi): 3197

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

Type of gas used in treatment: Number of staged intervals: 1

Total acid used in treatment (bbl): Max frac gradient (psi/ft): 0.65

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): 258958 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:

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type:

Treatment Date: End Date: Date of First Production this formation:

Perforations Top: 6959 Bottom: 7204 No. Holes: 120 Hole size:

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: Number of staged intervals:

Total acid used in treatment (bbl): Max frac gradient (psi/ft):

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: 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:

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/14/2012 End Date: 02/14/2012 Date of First Production this formation: 02/15/2012

Perforations Top: 6959 Bottom: 7018 No. Holes: 48 Hole size: 0.69

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

Pumped 242,579 lbs of Ottawa Proppant and 158,516 gallons of Slick Water and Silverstim
Commingle the Niobrara and Codell

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

Total fluid used in treatment (bbl): 4036 Max pressure during treatment (psi): 4390

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

Type of gas used in treatment: Number of staged intervals: 1

Total acid used in treatment (bbl): Max frac gradient (psi/ft):

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): 242579 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:

Comment:

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

Signed: Print Name: Tania McNutt

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

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)