

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:

400326495

Date Received:

09/13/2012

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 05-123-25607-00
6. County: WELD
7. Well Name: SAMUEL J
Well Number: 7-23
8. Location: QtrQtr: NWSE Section: 7 Township: 5N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/20/2005 End Date: 07/20/2012 Date of First Production this formation: 06/06/2005

Perforations Top: 7344 Bottom: 7360 No. Holes: 64 Hole size: 0.42

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

Pumped 232,877 lbs of Ottawa Proppant and 132,588 gallons of 15% HCL, Slick Water, and Vistar.
Commingled the Niobrara and Codell.

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

Total fluid used in treatment (bbl): 3157 Max pressure during treatment (psi): 4274

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

Type of gas used in treatment: Min frac gradient (psi/ft): 0.79

Total acid used in treatment (bbl): Number of staged intervals: 8

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): 232877 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.

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| FORMATION: <u>NIORARA-CODELL</u> | | Status: <u>PRODUCING</u> | | Treatment Type: <u>FRACTURE STIMULATION</u> | |
| Treatment Date: <u>05/20/2005</u> | | End Date: <u>07/24/2012</u> | | Date of First Production this formation: <u>08/03/2012</u> | |
| Perforations | Top: <u>7028</u> | Bottom: <u>7360</u> | No. Holes: <u>112</u> | Hole size: _____ | |
| Provide a brief summary of the formation treatment: | | | Open Hole: <input type="checkbox"/> | | |
| Niobrara Perfs: 7028-7173 Codell Perfs: 7344-7360 | | | | | |
| This formation is commingled with another formation: | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <input type="checkbox"/> | | |
| Reason why green completion not utilized: _____ | | | | | |
| Fracture stimulations must be reported on FracFocus.org | | | | | |
| <u>Test Information:</u> | | | | | |
| Date: <u>08/07/2012</u> | Hours: <u>24</u> | Bbl oil: <u>16</u> | Mcf Gas: <u>79</u> | Bbl H2O: <u>4</u> | |
| Calculated 24 hour rate: | Bbl oil: <u>16</u> | Mcf Gas: <u>79</u> | Bbl H2O: <u>4</u> | GOR: <u>4938</u> | |
| Test Method: <u>Flowing</u> | Casing PSI: <u>992</u> | Tubing PSI: <u>835</u> | Choke Size: <u>14/64</u> | | |
| Gas Disposition: <u>SOLD</u> | Gas Type: <u>WET</u> | Btu Gas: <u>1320</u> | API Gravity Oil: <u>61</u> | | |
| Tubing Size: <u>2 + 3/8</u> | Tubing Setting Depth: <u>7332</u> | Tbg setting date: <u>08/01/2012</u> | Packer Depth: _____ | | |
| Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div> | | | | | |
| Date formation Abandoned: _____ | Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 07/20/2012 End Date: 07/24/2012 Date of First Production this formation: 08/03/2012
Perforations Top: 7028 Bottom: 7173 No. Holes: 48 Hole size: 0.72

Provide a brief summary of the formation treatment:

Open Hole: ☐

Pumped 245,548 lbs of Ottawa Proppant and 146,975 gallons of Slick Water and Vistar.
Commingling the Niobrara and Codell.

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

Total fluid used in treatment (bbl): 3499

Max pressure during treatment (psi): 4407

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.98

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): 245548

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: 9/13/2012 Email: sfinnegan@nobleenergyinc.com

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------|
| 400326495 | FORM 5A SUBMITTED |

Total Attach: 1 Files

General Comments

User Group Comment Comment Date

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Total: 0 comment(s)