

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400315273

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: Liz Lindow

Phone: (303) 228-4342

Fax: (303) 228-4286

5. API Number 05-123-31991-00

7. Well Name: LDS

8. Location: QtrQtr: SESW Section: 5 Township: 3N Range: 64W Meridian: 6

9. Field Name: Field Code:

6. County: WELD

Well Number: D08-18D

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/16/2012 End Date: 04/16/2012 Date of First Production this formation: 05/15/2012

Perforations Top: 7414 Bottom: 7428 No. Holes: 56 Hole size: 0.4

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

148890 lbs Ottawa proppant; 152674 gals 15% HCl/Slick water

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

Total fluid used in treatment (bbl): 3635

Max pressure during treatment (psi): 5155

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): 148890

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: 04/16/2012 End Date: 04/16/2012 Date of First Production this formation: 05/15/2012

Perforations Top: 7196 Bottom: 7428 No. Holes: 104 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: _____ 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: 05/18/2012 Hours: 24 Bbl oil: 104 Mcf Gas: 526 Bbl H2O: 20

Calculated 24 hour rate: Bbl oil: 104 Mcf Gas: 526 Bbl H2O: 20 GOR: 5058

Test Method: Flowing Casing PSI: 762 Tubing PSI: 0 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1173 API Gravity Oil: 54

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7394 Tbg setting date: 06/28/2012 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: 04/16/2012 End Date: 04/16/2012 Date of First Production this formation: 05/15/2012

Perforations Top: 7196 Bottom: 7301 No. Holes: 48 Hole size: 0.71

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

147990 lbs Ottawa Proppant; 197520 gal 15% HCl/slick water

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

Total fluid used in treatment (bbl): 4703 Max pressure during treatment (psi): 5155

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): 147990 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: Liz Lindow

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

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)