FORM 5A Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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Date Received: 09/18/2012

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: JEAN MUSE-REYNOLDS
Phone: (303) 228-4316
Fax: (303) 228-4286

5. API Number 05-123-34678-00
6. County: WELD
7. Well Name: HOFFMAN C
Well Number: 02-21D
8. Location: QtrQtr: NESW Section: 2 Township: 4N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/22/2012 End Date: 05/22/2012 Date of First Production this formation: 06/01/2012

Perforations Top: 6772 Bottom: 6784 No. Holes: 48 Hole size: 0.4

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

Pumped 224625# of Ottawa Sand and 124824gals of 15% HCL, Slick/Fresh Water
Niobrara and Codell formations are commingled.

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

Total fluid used in treatment (bbl): 2972
Max pressure during treatment (psi): 4538
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): 0.85
Total acid used in treatment (bbl):
Number of staged intervals: 7
Recycled water used in treatment (bbl):
Flowback volume recovered (bbl): 300
Fresh water used in treatment (bbl):
Disposition method for flowback: RECYCLE
Total proppant used (lbs): 224625
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: 2 + 3/8 Tubing Setting Depth: 6731 Tbg setting date: 07/20/2012 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-CODELL Status: PRODUCING Treatment Type:

Treatment Date: End Date: Date of First Production this formation: 06/01/2012

Perforations Top: 6488 Bottom: 6784 No. Holes: 96 Hole size: 69/100

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

Test Information:

Date: 06/04/2012 Hours: 24 Bbl oil: 89 Mcf Gas: 205 Bbl H2O: 50

Calculated 24 hour rate: Bbl oil: 89 Mcf Gas: 205 Bbl H2O: 50 GOR: 2303

Test Method: FLOWING Casing PSI: 980 Tubing PSI: 0 Choke Size: 10/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1242 API Gravity Oil: 51

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6731 Tbg setting date: 07/20/2012 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: 05/21/2012 End Date: 05/21/2012 Date of First Production this formation: 06/01/2012

Perforations Top: 6488 Bottom: 6582 No. Holes: 48 Hole size: 0.69

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

Pumped 227409# of Ottawa Sand and 167966gals of 15% HCL, Slick/Fresh Water
Niobrara and Codell formations are commingled.

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

Total fluid used in treatment (bbl): 3899 Max pressure during treatment (psi): 4534

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): 0.96

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

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 300

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

Total proppant used (lbs): 227409 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: 2 + 3/8 Tubing Setting Depth: 6731 Tbg setting date: 07/20/2012 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.

Comment:

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

Signed: Print Name: JEAN MUSE-REYNOLDS

Title: REGULATORY COMPLIANCE Date: 9/18/2012 Email: jmuse@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name
400323273	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
Permit	Corrected panels to reflect NBRR and CODL as commingled with NBRR/CODL as producing. Oper. sub. sundry to correct fm. tops.	9/25/2013 8:16:04 AM
Permit	Flowback volume received and split among all zones. Ready to pass. Requested information about Codell top again.	2/8/2013 1:21:20 PM
Permit	On hold. Wrote to operator re: Codell perfs from 6772-6784 are above the top of the Codell which is 6786. Corrected the Producing panels to Commingled and the Commingled panel to Producing.	11/26/2012 2:19:18 PM
Permit	On hold. Perfs do not match formation tops	10/24/2012 2:35:52 PM

Total: 4 comment(s)