

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:

400323277

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 05-123-34680-00
6. County: WELD
7. Well Name: HOFFMAN C
Well Number: 02-33D
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: 05/21/2012 End Date: 05/21/2012 Date of First Production this formation: 06/01/2012

Perforations Top: 7540 Bottom: 7552 No. Holes: 48 Hole size: 0.4

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

Pumped 236690# of Ottawa Sand and 127789gals 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): 3043 Max pressure during treatment (psi): 4064

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):

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

Total proppant used (lbs): 236690 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: 7516 Tbg setting date: 07/13/2012 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: 7275 Bottom: 7552 No. Holes: 96 Hole size: 0.69

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: 37 Mcf Gas: 89 Bbl H2O: 62

Calculated 24 hour rate: Bbl oil: 37 Mcf Gas: 89 Bbl H2O: 62 GOR: 2405

Test Method: FLOWING Casing PSI: 460 Tubing PSI: 0 Choke Size: 10/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1292 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7516 Tbg setting date: 07/13/2012 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: 7275	Bottom: 7377	No. Holes: 48
			Hole size: 0.69
Provide a brief summary of the formation treatment:		Open Hole: <input type="checkbox"/>	
Pumped 240404# of Ottawa Sand and 166110gals of 15% HCL, Slick/Gelled/Fresh Water Niobrara and Codell formations are commingled.			
This formation is commingled with another formation:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Total fluid used in treatment (bbl):	3955	Max pressure during treatment (psi):	4745
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):	0.86
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):	240404	Rule 805 green completion techniques were utilized:	<input checked="" type="checkbox"/>
Reason why green completion not utilized:			

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: 7516 Tbg setting date: 07/13/2012 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:

LOGS COMING WITH THE FORM 10 UNDER SEPARATE COVER.

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
400323277	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Off Hold. Corrected production intervals per operator.	1/17/2013 4:04:02 PM
Permit	On Hold. Requested updated production intervals.	12/13/2012 3:09:59 PM
Permit	On Hold pending form 5 approval.	10/24/2012 2:42:48 PM

Total: 3 comment(s)