

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:

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Date Received:

06/20/2012

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 05-123-33444-00
6. County: WELD
7. Well Name: PLUSS
Well Number: C17-32D
8. Location: QtrQtr: SWNW Section: 17 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: 02/08/2012 End Date: 02/08/2012 Date of First Production this formation: 02/25/2012

Perforations Top: 7103 Bottom: 7117 No. Holes: 56 Hole size: 0.41

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

The Codell is producing through a composite flow through plug.

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

Total fluid used in treatment (bbl): 3061

Max pressure during treatment (psi): 4291

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Max frac gradient (psi/ft): 0.78

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:

Total proppant used (lbs): 230343

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: <u>NIOBRARA-CODELL</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>02/08/2012</u>		End Date: <u>02/08/2011</u>		Date of First Production this formation: <u>02/25/2012</u>	
Perforations	Top: <u>6913</u>	Bottom: <u>7117</u>	No. Holes: <u>80</u>	Hole size: <u>0.69</u>	

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

The Codell is producing through a composite flow through plug.

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: <input checked="" type="checkbox"/>

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: <u>03/02/2012</u>	Hours: <u>24</u>	Bbl oil: <u>13</u>	Mcf Gas: <u>41</u>	Bbl H2O: <u>0</u>
Calculated 24 hour rate:	Bbl oil: <u>13</u>	Mcf Gas: <u>41</u>	Bbl H2O: <u>0</u>	GOR: <u>3154</u>
Test Method: <u>FLOWING</u>	Casing PSI: <u>500</u>	Tubing PSI: <u>0</u>	Choke Size: <u>12/64</u>	
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1254</u>	API Gravity Oil: <u>54</u>	
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>7081</u>	Tbg setting date: <u>04/27/2012</u>	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: 02/08/2012 End Date: 02/08/2012 Date of First Production this formation: 02/25/2012
Perforations Top: 6913 Bottom: 6999 No. Holes: 24 Hole size: 0.69
Provide a brief summary of the formation treatment: Open Hole: ☐

The Codell is producing through a composite flow through plug.

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

Total fluid used in treatment (bbl): 3793

Max pressure during treatment (psi): 4681

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Max frac gradient (psi/ft): 0.96

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:

Total proppant used (lbs): 224013

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: JEAN MUSE-REYNOLDS

Title: REGULATORY COMPLIANCE Date: 6/20/2012 Email: jmuse@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name
400292435	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date
Permit	Waiting on complete perforated interval for the Codell.	7/18/2012 10:17:44 AM

Total: 1 comment(s)