

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:

401304304

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: Julie Webb

Phone: (720) 587-2223

Fax:

Email: jwebb@progressivepcs.net

5. API Number 05-123-21572-00

7. Well Name: HETTINGER

8. Location: QtrQtr: NENE Section: 24 Township: 6N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 24-11

Completed Interval

FORMATION: CODELL

Status: COMMINGLED

Treatment Type:

Treatment Date: End Date: Date of First Production this formation: 08/20/2003

Perforations Top: 7129 Bottom: 7146 No. Holes: 68 Hole size: 0.42

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: 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: 6587 Tbg setting date: 04/22/2017 Packer Depth:

Reason for Non-Production: The well is closed to the atmosphere via a CIBP set at 6880' on 4/22/2017 for an off-set frac. Noble will return the well to production or Plug and abandon the well once the off-set frac is complete and a rig is available. Noble will run an MIT if the well is still AB after two years.

Date formation Abandoned: 04/22/2017 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: 6880 \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL		Status: ABANDONED WELLBORE/COMPLETION		Treatment Type: _____	
Treatment Date: _____		End Date: _____		Date of First Production this formation: 03/07/2007	
Perforations	Top: 6930	Bottom: 7146	No. Holes: 224	Hole size: 0.42	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
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: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
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: 6587	Tbg setting date: 04/22/2017	Packer Depth: _____		
Reason for Non-Production:	The well is closed to the atmosphere via a CIBP set at 6880' on 4/22/2017 for an off-set frac. Noble will return the well to production or Plug and abandon the well once the off-set frac is complete and a rig is available. Noble will run an MIT if the well is still AB after two years.				
Date formation Abandoned: 04/22/2017	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: 6880	** Sacks cement on top: 2	** Wireline and Cement Job Summary must be attached.			

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 03/07/2007

Perforations Top: 6930 Bottom: 6969 No. Holes: 156 Hole size: 0.42

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: \_\_\_\_\_ 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: 6587 Tbg setting date: 04/22/2017 Packer Depth: \_\_\_\_\_

Reason for Non-Production: 

The well is closed to the atmosphere via a CIBP set at 6880' on 4/22/2017 for an off-set frac. Noble will return the well to production or Plug and abandon the well once the off-set frac is complete and a rig is available. Noble will run an MIT if the well is still AB after two years.

Date formation Abandoned: 04/22/2017 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 6880 \*\* Sacks cement on top: 2 \*\* 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: Julie Webb

Title: Senior Regulatory Analyst Date: \_\_\_\_\_ Email: jwebb@progressivepcs.net

**Attachment Check List**

**Att Doc Num** **Name**

401304331 OPERATIONS SUMMARY

Total Attach: 1 Files

**General Comments**

**User Group** **Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)