

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:

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: Eileen Roberts

Phone: (303) 2284330

Fax: (303) 2284286

5. API Number 05-123-34612-00

7. Well Name: Shoemaker

8. Location: QtrQtr: NESE Section: 12 Township: 6N Range: 64W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: A12-23D

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE</u>	
Treatment Date: <u>03/02/2012</u>		End Date: <u>03/05/2012</u>		Date of First Production this formation: <u>03/22/2012</u>	
Perforations	Top: <u>7007</u>	Bottom: <u>7019</u>	No. Holes: <u>48</u>	Hole size: <u>0.43</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
<p>Frac'd the Codell w/ 122574 gals of Silverstim and Slick Water with 245,000#'s of Ottawa sand.</p> <p>Commingle the Niobrara and Codell.</p>					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>3157</u>		Max pressure during treatment (psi): <u>3869</u>			
Total gas used in treatment (mcf): <u>0</u>		Fluid density at initial fracture (lbs/gal): _____			
Type of gas used in treatment: _____		Number of staged intervals: <u>7</u>			
Total acid used in treatment (bbl): _____		Max frac gradient (psi/ft): <u>0.85</u>			
Recycled water used in treatment (bbl): _____		Flowback volume recovered (bbl): _____			
Fresh water used in treatment (bbl): _____		Disposition method for flowback: <u>RECYCLE</u>			
Total proppant used (lbs): <u>466927</u>		Rule 805 green completion techniques were utilized: <input type="checkbox"/>			
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
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: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: _____	API Gravity Oil: _____		
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____			
Bridge Plug Depth: _____		Sacks cement on top: _____			

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE
Treatment Date: 03/02/2012 End Date: 03/05/2012 Date of First Production this formation: 03/22/2012
Perforations Top: 6721 Bottom: 7019 No. Holes: 96 Hole size: 0
Provide a brief summary of the formation treatment: Open Hole: ☐

Commingled the Niobrara and Codell.

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

Total fluid used in treatment (bbl): 8450

Max pressure during treatment (psi):

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Number of staged intervals: 15

Total acid used in treatment (bbl):

Max frac gradient (psi/ft): 1.75

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs): 957987

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/22/2012 Hours: 24 Bbl oil: 43 Mcf Gas: 50 Bbl H2O: 3
Calculated 24 hour rate: Bbl oil: 43 Mcf Gas: 50 Bbl H2O: 3 GOR: 1162
Test Method: FLOWING Casing PSI: 300 Tubing PSI: 0 Choke Size: 016/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1284 API Gravity Oil: 47
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6987 Tbg setting date: 04/04/2012 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:

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE
Treatment Date: 03/02/2012 End Date: 03/05/2012 Date of First Production this formation: 03/22/2012
Perforations Top: 6721 Bottom: 6853 No. Holes: 48 Hole size: 0.69

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd the Niobrara w/ 211869 gals of Silverstim and Slick Water with 241000#'s of Ottawa sand.

Commingle the Niobrara and Codell.

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

Total fluid used in treatment (bbl): 5293

Max pressure during treatment (psi): 3869

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Number of staged intervals: 8

Total acid used in treatment (bbl):

Max frac gradient (psi/ft): 0.90

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): 491060

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: SOLD Gas Type: WET 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:

Comment:

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

Signed: Print Name: Eileen Roberts

Title: Regulatory Specialist Date: Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)