

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: Kathleen Mills
Phone: (720) 587-2226
Fax: (303) 228-4286

5. API Number 05-123-23303-00
6. County: WELD
7. Well Name: Marolf
Well Number: 34-11
8. Location: QtrQtr: SWSE Section: 11 Township: 2N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/18/2012 End Date: 07/18/2012 Date of First Production this formation: 07/21/2012

Perforations Top: 7010 Bottom: 7022 No. Holes: 48 Hole size: 0.42

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

FRAC'D W/124271 GAL VISTAR AND 500 GAL 15% HCL, 245020# OTTAWA SAND

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

Total fluid used in treatment (bbl): 2959 Max pressure during treatment (psi): 4704

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): 0.92

Total acid used in treatment (bbl): 12 Number of staged intervals: 7

Recycled water used in treatment (bbl): 255 Flowback volume recovered (bbl): 1357

Fresh water used in treatment (bbl): 2704 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 24520 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>07/18/2012</u>		End Date: <u>07/18/2012</u>		Date of First Production this formation: <u>07/21/2012</u>	
Perforations	Top: <u>6782</u>	Bottom: <u>7022</u>	No. Holes: <u>96</u>	Hole size: _____	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
COMMINGLE NB & CDL					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input 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: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
Date: <u>08/17/2012</u>	Hours: <u>24</u>	Bbl oil: <u>55</u>	Mcf Gas: <u>30</u>	Bbl H2O: <u>7</u>	
Calculated 24 hour rate:	Bbl oil: <u>55</u>	Mcf Gas: <u>30</u>	Bbl H2O: <u>7</u>	GOR: <u>545</u>	
Test Method: <u>Flowing</u>	Casing PSI: <u>1080</u>	Tubing PSI: <u>940</u>	Choke Size: <u>16/64</u>		
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1324</u>	API Gravity Oil: <u>46</u>		
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>6989</u>	Tbg setting date: <u>08/07/2012</u>	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: _____		** Wireline and Cement Job Summary must be attached.	

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/18/2012 End Date: 07/18/2012 Date of First Production this formation: 07/21/2012

Perforations Top: 6782 Bottom: 6888 No. Holes: 48 Hole size: 0.72

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

FRAC'D W/ 162956 GAL VISTAR AND SLICK WATER AND 250120 # OTTAWA SAND

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

Total fluid used in treatment (bbl): 3880 Max pressure during treatment (psi): 4764

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): 0.90

Total acid used in treatment (bbl): Number of staged intervals: 7

Recycled water used in treatment (bbl): 260 Flowback volume recovered (bbl): 1357

Fresh water used in treatment (bbl): 3620 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 250120 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: Kathleen Mills

Title: Regulatory Analyst Date: Email: kmills@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)