

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:

400294626

Date Received:

06/14/2012

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: 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>NIOBRARA-CODELL</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</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>6721</u>	Bottom: <u>7019</u>	No. Holes: <u>96</u>	Hole size: <u>0</u>	

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): <u>8450</u>	Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____	Max frac gradient (psi/ft): <u>1.75</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>15</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: _____
Total proppant used (lbs): <u>957987</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

Test Information:

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

Commingled 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: _____ Max frac gradient (psi/ft): 0.90

Total acid used in treatment (bbl): _____ Number of staged intervals: 8

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: _____ ** 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: Eileen Roberts

Title: Regulatory Specialist Date: 6/14/2012 Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Name
400294626	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)