

FORM
5A

Rev
02/08

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400115073

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 4. Contact Name: Justin Garrett
2. Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4449
3. Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286
City: DENVER State: CO Zip: 80202

5. API Number 05-123-31424-00 6. County: WELD
7. Well Name: BUTTERBALL D Well Number: 19-27D
8. Location: QtrQtr: SWSW Section: 17 Township: 3N Range: 64W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		
Treatment Date: <u>11/01/2010</u>		Date of First Production this formation: <u>11/03/2010</u>		
Perforations	Top: <u>7241</u>	Bottom: <u>7254</u>	No. Holes: <u>52</u>	Hole size: <u>40/100</u>
Provide a brief summary of the formation treatment:		Open Hole: <input type="checkbox"/>		
<div>Codell producing composite flow through plug Frac'd Codell w/123081 gals Silverstim, Acid, and Slick Water with 250040 lbs Ottawa sand</div>				
This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Test Information:				
Date: _____	Hours: _____	Bbls oil: _____	Mcf Gas: _____	Bbls H2O: _____
Calculated 24 hour rate: _____		Bbls oil: _____	Mcf Gas: _____	Bbls 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: <div></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: <u>J-NIOBRARA-CODELL</u>			Status: <u>PRODUCING</u>		
Treatment Date: <u>11/01/2010</u>		Date of First Production this formation: <u>11/03/2010</u>			
Perforations	Top: <u>6966</u>	Bottom: <u>7768</u>	No. Holes: <u>252</u>	Hole size: <u> </u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
J Sand, Niobrara, and Codell are commingled; all are producing through composite flow through plugs					
This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Test Information:					
Date: <u>11/12/2010</u>	Hours: <u>24</u>	Bbls oil: <u>62</u>	Mcf Gas: <u>206</u>	Bbls H2O: <u>27</u>	
Calculated 24 hour rate:		Bbls oil: <u>62</u>	Mcf Gas: <u>206</u>	Bbls H2O: <u>27</u>	GOR: <u>3323</u>
Test Method: <u>Flowing</u>	Casing PSI: <u>600</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> </u>	API Gravity Oil: <u> </u>		
Tubing Size: <u> </u>	Tubing Setting Depth: <u> </u>	Tbg setting date: <u> </u>	Packer Depth: <u> </u>		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>					
Date formation Abandoned: <u> </u>		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt <u> </u>		
Bridge Plug Depth: <u> </u>		Sacks cement on top: <u> </u>			

FORMATION: <u>J SAND</u>			Status: <u>COMMINGLED</u>		
Treatment Date: <u>11/01/2010</u>		Date of First Production this formation: <u>11/03/2010</u>			
Perforations	Top: <u>7700</u>	Bottom: <u>7768</u>	No. Holes: <u>120</u>	Hole size: <u>41/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
J Sand producing composite flow through plug Frac'd J Sand w/148921 gals Silverstim and Slick Water with 282160 lbs Ottawa sand and SB Excel					
This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Test Information:					
Date: <u> </u>	Hours: <u> </u>	Bbls oil: <u> </u>	Mcf Gas: <u> </u>	Bbls H2O: <u> </u>	
Calculated 24 hour rate:		Bbls oil: <u> </u>	Mcf Gas: <u> </u>	Bbls H2O: <u> </u>	GOR: <u> </u>
Test Method: <u> </u>	Casing PSI: <u> </u>	Tubing PSI: <u> </u>	Choke Size: <u> </u>		
Gas Disposition: <u> </u>	Gas Type: <u> </u>	BTU Gas: <u> </u>	API Gravity Oil: <u> </u>		
Tubing Size: <u> </u>	Tubing Setting Depth: <u> </u>	Tbg setting date: <u> </u>	Packer Depth: <u> </u>		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>					
Date formation Abandoned: <u> </u>		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt <u> </u>		
Bridge Plug Depth: <u> </u>		Sacks cement on top: <u> </u>			

FORMATION: NIOBRARA Status: COMMINGLED

Treatment Date: 11/02/2010 Date of First Production this formation: 11/03/2010

Perforations Top: 6966 Bottom: 7126 No. Holes: 80 Hole size: 73/100

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

Niobrara producing composite flow through plug
Frac'd Niobrara w/239813 gals Silverstim, Acid, and Slick Water with 401860 lbs Ottawa sand

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

Test Information:

Date: _____ Hours: _____ Bbls oil: _____ Mcf Gas: _____ Bbls H2O: _____

Calculated 24 hour rate: _____ Bbls oil: _____ Mcf Gas: _____ Bbls 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: _____

Comment:

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

Signed: _____ Print Name: Justin Garrett

Title: Regulatory Specialist Date: _____ Email: JDGarrett@nobleenergyinc.com

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Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)