


<b>FORM 5A</b> Rev 06/12	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>COMPLETED INTERVAL REPORT</b>			Document Number: 400879636  Date Received:				
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: <u>100322</u> 2. Name of Operator: <u>NOBLE ENERGY INC</u> 3. Address: <u>1625 BROADWAY STE 2200</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	4. Contact Name: <u>EILEEN ROBERTS</u> Phone: <u>(303) 228-4330</u> Fax: <u>(303) 228-4286</u> Email: <u>eileen.roberts@nblenergy.com</u>
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5. API Number <u>05-123-39015-00</u> 7. Well Name: <u>Mahalo State</u> 8. Location: QtrQtr: <u>SWSE</u> Section: <u>4</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u> 9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	6. County: <u>WELD</u> Well Number: <u>AA09-74-1AHNC</u>
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**Completed Interval**

FORMATION: <u>NIOBRARA</u>	Status: <u>PRODUCING</u>	Treatment Type: <u>FRACTURE STIMULATION</u>
Treatment Date: <u>06/16/2015</u>	End Date: <u>06/17/2015</u>	Date of First Production this formation: <u>07/15/2015</u>
Perforations Top: <u>7127</u>	Bottom: <u>11384</u>	No. Holes: <u>0</u> Hole size: _____
Provide a brief summary of the formation treatment:		Open Hole: <input checked="" type="checkbox"/>
Frac'd the Niobrara w/ 3158971 gals of PermStim and Slick Water with 4016040#'s of Ottawa sand.		
This formation is commingled with another formation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>75213</u>	Max pressure during treatment (psi): <u>6545</u>	
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.43</u>	
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.94</u>	
Total acid used in treatment (bbl): <u>0</u>	Number of staged intervals: <u>21</u>	
Recycled water used in treatment (bbl): <u>4376</u>	Flowback volume recovered (bbl): <u>215</u>	
Fresh water used in treatment (bbl): <u>70837</u>	Disposition method for flowback: <u>RECYCLE</u>	
Total proppant used (lbs): <u>4016040</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>	
Reason why green completion not utilized: _____		

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: <u>07/21/2015</u>	Hours: <u>24</u>	Bbl oil: <u>294</u>	Mcf Gas: <u>175</u>	Bbl H2O: <u>500</u>
Calculated 24 hour rate:	Bbl oil: <u>294</u>	Mcf Gas: <u>175</u>	Bbl H2O: <u>500</u>	GOR: <u>595</u>
Test Method: <u>FLOWING</u>	Casing PSI: <u>2</u>	Tubing PSI: <u>626</u>	Choke Size: <u>16/64</u>	
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1340</u>	API Gravity Oil: <u>42</u>	
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>6883</u>	Tbg setting date: <u>07/14/2015</u>	Packer Depth: _____	
Reason for Non-Production: <span style="border: 1px solid black; display: inline-block; width: 600px; height: 20px;"></span>				
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.				

Comment:

Form 5A following form 5-WOC doc# 400795972

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 ANALYST Date: \_\_\_\_\_ Email eileen.roberts@nblenergy.com  
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### Attachment Check List

**Att Doc Num**      **Name**

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

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

Total: 0 comment(s)