



FORMATION: NIOBRARA-CODELL Status: COMMINGLED

Treatment Date: 04/27/2011 Date of First Production this formation: 04/28/2011

Perforations Top: 7338 Bottom: 7660 No. Holes: 112 Hole size: \_\_\_\_\_

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Codell refrac & Niobrara recomplete  
Codell & Niobrara are commingled

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 05/02/2011 Hours: 24 Bbls oil: 106 Mcf Gas: 479 Bbls H2O: 40

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 106 Mcf Gas: 479 Bbls H2O: 40 GOR: 4519

Test Method: Flowing Casing PSI: 200 Tubing PSI: 0 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1307 API Gravity Oil: 55

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: \_\_\_\_\_

FORMATION: NIOBRARA Status: PRODUCING

Treatment Date: 04/27/2011 Date of First Production this formation: 04/28/2011

Perforations Top: 7338 Bottom: 7472 No. Holes: 48 Hole size: 73/100

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Codell refrac & Niobrara recomplete  
Frac'd Niobrara w/159493 gals Silverstim and Slick Water with 249980 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: JGarrett@nobleenergyinc.com

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**

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

Total: 0 comment(s)