



FORMATION: J-NIOBRARA-CODELL Status: PRODUCING

Treatment Date: 07/03/2010 Date of First Production this formation: 07/03/2010

Perforations Top: 7050 Bottom: 7752 No. Holes: 188 Hole size: \_\_\_\_\_

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

J sand, Niobrara, and Codell commingled

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 07/07/2010 Hours: 24 Bbls oil: 31 Mcf Gas: 355 Bbls H2O: 34

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 31 Mcf Gas: 355 Bbls H2O: 34 GOR: 11451

Test Method: Flowing Casing PSI: 1350 Tubing PSI: 880 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1266 API Gravity Oil: 55

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7696 Tbg setting date: 07/01/2010 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: J SAND Status: COMMINGLED

Treatment Date: 07/03/2010 Date of First Production this formation: 07/03/2010

Perforations Top: 7717 Bottom: 7752 No. Holes: 60 Hole size: 41/100

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

sand plug removed

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: \_\_\_\_\_

FORMATION: NIOBRARA Status: COMMINGLED

Treatment Date: 07/03/2010 Date of First Production this formation: 01/15/2010

Perforations Top: 7050 Bottom: 7162 No. Holes: 48 Hole size: 73/100

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

sand plug removed from c bench

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

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: \_\_\_\_\_