



FORMATION: J SAND Status: COMMINGLED

Treatment Date: 07/19/2011 Date of First Production this formation: 08/05/2011

Perforations Top: 7266 Bottom: 7322 No. Holes: 64 Hole size: 0

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

Pumped 280,947 lbs of Ottawa sand and 147,580 gals of Slick Water and Silverstim. The J Sand formation is producing through 2 composite flow through plugs.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 08/12/2011 Hours: 2 Bbls oil: 25 Mcf Gas: 20 Bbls H2O: 290

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 25 Mcf Gas: 20 Bbls H2O: 290 GOR: 800

Test Method: Flowing Casing PSI: 1200 Tubing PSI: \_\_\_\_\_ Choke Size: 12

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1081 API Gravity Oil: 49

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-CODELL Status: COMMINGLED

Treatment Date: 07/19/2011 Date of First Production this formation: 08/05/2011

Perforations Top: 6629 Bottom: 6824 No. Holes: 72 Hole size: 0

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

Pumped 494,553 lbs Ottawa sand and 283,457 gals 15% HCL, Silverstim and Slick Water into Niobrara/Codell formations. Codell formation producing through 2 composite flow through plugs.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 08/12/2011 Hours: 2 Bbls oil: 25 Mcf Gas: 20 Bbls H2O: 290

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 25 Mcf Gas: 20 Bbls H2O: 290 GOR: 800

Test Method: Flowing Casing PSI: 1200 Tubing PSI: \_\_\_\_\_ Choke Size: 12

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1081 API Gravity Oil: 49

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: 07/21/2011 Date of First Production this formation: 08/05/2011

Perforations Top: 6629 Bottom: 6714 No. Holes: 48 Hole size: 0

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

Pumped 250,030 lbs of Ottawa sand and 160,850 gals of 15% HCL, Slick Water, and Silverstim.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 08/12/2011 Hours: 2 Bbls oil: 25 Mcf Gas: 20 Bbls H2O: 290

Calculated 24 hour rate: Bbls oil: 25 Mcf Gas: 20 Bbls H2O: 290 GOR: 800

Test Method: Flowing Casing PSI: 1200 Tubing PSI: \_\_\_\_\_ Choke Size: 12

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1081 API Gravity Oil: 49

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: SUSAN MILLER

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: smiller@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**

User Group	Comment	Comment Date

Total: 0 comment(s)