



FORMATION: J SAND Status: PRODUCING

Treatment Date: 07/06/2011 Date of First Production this formation: 07/11/2011

Perforations Top: 7803 Bottom: 7858 No. Holes: 80 Hole size: 0.41

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

Frac'd J-Sand w/ 149893 gals of Silverstim and Slick Water with 270,500#'s of Ottawa sand.

The J-Sand is producing through a Composite Flow Through Plug.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 07/15/2011 Hours: 24 Bbls oil: 44 Mcf Gas: 81 Bbls H2O: 46

Calculated 24 hour rate: Bbls oil: 44 Mcf Gas: 81 Bbls H2O: 46 GOR: 1840

Test Method: FLOWING Casing PSI: 890 Tubing PSI: 0 Choke Size: 010/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1275 API Gravity Oil: 50

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: PRODUCING

Treatment Date: 07/06/2011 Date of First Production this formation: 07/11/2011

Perforations Top: 7127 Bottom: 7394 No. Holes: 112 Hole size: 0

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

Frac'd Niobrara-Codell w/ 278351 gals of Silverstim and Slick Water with 494,000#'s of Ottawa sand.

The Codell is producing through a Composite Flow Through Plug.

Commingle the Niobrara and Codell.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 07/15/2011 Hours: 24 Bbls oil: 44 Mcf Gas: 81 Bbls H2O: 46

Calculated 24 hour rate: Bbls oil: 44 Mcf Gas: 81 Bbls H2O: 46 GOR: 1840

Test Method: FLOWING Casing PSI: 890 Tubing PSI: 0 Choke Size: 010/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1275 API Gravity Oil: 50

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: Eileen Roberts  
Title: Regulatory Specialist Date: 9/28/2011 Email : eroberts@nobleenergyinc.com

**Attachment Check List**

Att Doc Num	Name
400209558	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

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

Total: 0 comment(s)