



FORMATION: NIOBRARA-CODELL Status: PRODUCING

Treatment Date: 12/13/2010 Date of First Production this formation: 01/24/2011

Perforations Top: 7349 Bottom: 7673 No. Holes: 96 Hole size: 0

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

Pumped 525,906 lbs of Ottawa sand and 310,873 gals of Silverstim and Slick Water into Niobrara/Codell formations.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 01/25/2011 Hours: 6 Bbls oil: 61 Mcf Gas: 57 Bbls H2O: 6

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 61 Mcf Gas: 57 Bbls H2O: 6 GOR: 934

Test Method: Flowing Casing PSI: 1361 Tubing PSI: 612 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1312 API Gravity Oil: 45

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7641 Tbg setting date: 12/17/2010 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: NIOBRARA Status: COMMINGLED

Treatment Date: 01/25/2011 Date of First Production this formation: 01/24/2011

Perforations Top: 7349 Bottom: 7491 No. Holes: 48 Hole size: 0

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

Pumped 255,006 lbs Ottawa sand and 175,990 gals of Slick Water and Silverstim into Niobrara formation.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 01/25/2011 Hours: 6 Bbls oil: 61 Mcf Gas: 57 Bbls H2O: 6

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 61 Mcf Gas: 57 Bbls H2O: 6 GOR: 934

Test Method: Flowing Casing PSI: 1361 Tubing PSI: 612 Choke Size: 16/64

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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: 10/19/2011 Email: smiller@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Name
400216201	FORM 5A SUBMITTED

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	CHANGED NB-CD TO PROD AND NOTIFIED OPTR, WELLBORE DIAGRAM IS NOT A REQUIREMENT	12/6/2011 7:08:31 AM
Permit	Requesting wellbore diagram and changed of status for NB-CD from commingled to producing.	11/17/2011 3:59:59 PM

Total: 2 comment(s)