

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/07/2011 End Date: 12/07/2011 Date of First Production this formation: 01/25/2012
Perforations Top: 7266 Bottom: 7280 No. Holes: 56 Hole size: 0.41

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

Pumped 243,189 lbs of Ottawa Proppant and 117,768 gallons of 15% HCL, Slick Water and Silverstim.
The Codell is producing through a composite flow through plug.
Commingled Niobrara and Codell.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 3067 Max pressure during treatment (psi): 3529

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.79

Total acid used in treatment (bbl): _____ Number of staged intervals: 7

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: RECYCLE

Total proppant used (lbs): 243189 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: _____ Hours: _____ Bbl oil: _____ Mcf Gas: _____ Bbl H2O: _____

Calculated 24 hour rate: Bbl oil: _____ Mcf Gas: _____ Bbl 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: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: J-NIOBRARA-CODELL Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: _____

Perforations Top: _____ Bottom: _____ No. Holes: _____ Hole size: _____

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

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): _____ Max pressure during treatment (psi): _____

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: _____ Min frac gradient (psi/ft): _____

Total acid used in treatment (bbl): _____ Number of staged intervals: _____

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: _____

Total proppant used (lbs): _____ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/24/2012 Hours: 7 Bbl oil: 33 Mcf Gas: 66 Bbl H2O: 7

Calculated 24 hour rate: Bbl oil: 113 Mcf Gas: 226 Bbl H2O: 24 GOR: 2000

Test Method: flowing Casing PSI: 1500 Tubing PSI: _____ Choke Size: 10/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1273 API Gravity Oil: 48

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: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: J SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/07/2011 End Date: 12/07/2011 Date of First Production this formation: 01/25/2012
Perforations Top: 7729 Bottom: 7767 No. Holes: 96 Hole size: 0.41

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

Pumped 250,613 lbs of Ottawa Proppant, 10,210 lbs of SB Excel Proppant and 148,554 gallons of Slick Water and Silverstim.
The J-Sand is producing through a composite flow through plug

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 3818 Max pressure during treatment (psi): 2824

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.55

Total acid used in treatment (bbl): _____ Number of staged intervals: 10

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: RECYCLE

Total proppant used (lbs): 260823 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/03/2012 Hours: 7 Bbl oil: 33 Mcf Gas: 66 Bbl H2O: 7

Calculated 24 hour rate: Bbl oil: 113 Mcf Gas: 226 Bbl H2O: 24 GOR: 2000

Test Method: FLOWING Casing PSI: 1500 Tubing PSI: _____ Choke Size: 10/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1273 API Gravity Oil: 48

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: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: NIORARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/07/2011 End Date: 12/07/2011 Date of First Production this formation: 01/25/2012

Perforations Top: 7046 Bottom: 7280 No. Holes: 104 Hole size: _____

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

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): _____ Max pressure during treatment (psi): _____

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____

Type of gas used in treatment: _____ Min frac gradient (psi/ft): _____

Total acid used in treatment (bbl): _____ Number of staged intervals: _____

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: _____

Total proppant used (lbs): _____ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/24/2012 Hours: 7 Bbl oil: 33 Mcf Gas: 66 Bbl H2O: 7

Calculated 24 hour rate: Bbl oil: 113 Mcf Gas: 226 Bbl H2O: 24 GOR: 2000

Test Method: FLOWING Casing PSI: 1500 Tubing PSI: _____ Choke Size: 10/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1273 API Gravity Oil: 48

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: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/07/2011 End Date: 12/07/2011 Date of First Production this formation: 01/25/2012
Perforations Top: 7046 Bottom: 7144 No. Holes: 48 Hole size: 0.73

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

Pumped 249,685 lbs of Ottawa Proppant and 156,996 gallons of Slick Water and Silverstim
Commingled Niobrara and Codell

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 4009 Max pressure during treatment (psi): 4324
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):
Type of gas used in treatment: Min frac gradient (psi/ft): 0.82
Total acid used in treatment (bbl): Number of staged intervals: 7
Recycled water used in treatment (bbl): Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE
Total proppant used (lbs): 249685 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:
Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl 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: ** Wireline and Cement Job Summary must be attached.

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: Print Name: Tania McNutt
Title: Regulatory Analyst Date: 6/15/2012 Email: tmcnutt@nobleenergyinc.com

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