

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/19/2012 End Date: 02/19/2012 Date of First Production this formation: 04/18/2012
Perforations Top: 7455 Bottom: 7475 No. Holes: 38 Hole size: 7/20

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

Codell Frac Treatment
Codell Treatment Totals: Cln Fluid: 4089.3 bbls, Sand Laden Fluid: 2522.5 bbls, Proppant: 115,580 lbs 30/50, ATP: 4920 psi, ATR: 61.3 bpm, MTP: 5408 psi, MTR: 61.6 bpm.
17:41 shut in well bleed off pressure.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 4089 Max pressure during treatment (psi): 5408
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.82
Total acid used in treatment (bbl): 0 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): 4089 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 115580 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: NIORARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: _____ End Date: _____ Date of First Production this formation: 04/18/2012
Perforations Top: 7237 Bottom: 7475 No. Holes: 63 Hole size: 7/20

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: 04/19/2012 Hours: 24 Bbl oil: 114 Mcf Gas: 206 Bbl H2O: 58

Calculated 24 hour rate: Bbl oil: 114 Mcf Gas: 206 Bbl H2O: 6 GOR: 1807

Test Method: Test Separator Casing PSI: 1600 Tubing PSI: 1500 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1337 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: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: NIORARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/09/2012 End Date: 03/11/2012 Date of First Production this formation: 04/18/2012
Perforations Top: 7237 Bottom: 7327 No. Holes: 25 Hole size: 7/20

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

Niobrara Frac Treatment
Niobrara Treatment Totals: Cln Fluid: 5665.2 bbls, Sand Laden Fluid: 4175.5 bbls, Proppant: 200,260 lbs 40/50, 4000 20/40 SLC ATP: 4512 psi, ATR: 56.8 bpm, MTP: 5251 psi, MTR: 58.7 bpm.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 5665 Max pressure during treatment (psi): 5251

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.86

Total acid used in treatment (bbl): 0 Number of staged intervals: 1

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): 5665 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 204260 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: Shannon Hartnett

Title: Reg. Compl. Spec. Date: 8/20/2013 Email: regulatorypermitting@gwogco.com

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