

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/26/2012 End Date: 02/26/2012 Date of First Production this formation: 04/18/2012
Perforations Top: 7573 Bottom: 7589 No. Holes: 36 Hole size: 7/20

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

Codell Frac Treatment
Codell Treatment Totals: Cln Fluid: 4087.6 bbls, Sand Laden Fluid: 2604.5 bbls, Proppant: 115,040 lbs 30/50, ATP: 4604 psi, ATR: 60.6 bpm, MTP: 5606 psi, MTR: 60.8 bpm.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 4088 Max pressure during treatment (psi): 5606

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): 0.84

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1254

Fresh water used in treatment (bbl): 4088 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 115040 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: 7061 Bottom: 7589 No. Holes: 55 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: 57 Mcf Gas: 206 Bbl H2O: 58

Calculated 24 hour rate: Bbl oil: 57 Mcf Gas: 206 Bbl H2O: 6 GOR: 1

Test Method: Test Separator Casing PSI: 1900 Tubing PSI: 1800 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1302 API Gravity Oil: 51

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: NIORBARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/04/2012 End Date: 03/04/2012 Date of First Production this formation: 04/18/2012
Perforations Top: 7061 Bottom: 7230 No. Holes: 19 Hole size: 7/20

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

Niobrara Frac Treatment
Niobrara Treatment Totals: Cln Fluid: 5820.7 bbls, Sand Laden Fluid: 4174.7 bbls, Proppant: 200,400 lbs 40/50, 4000 20/40 SLC ATP: 4354 psi, ATR: 59.8 bpm, MTP: 6361 psi, MTR: 61.4 bpm.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 5946 Max pressure during treatment (psi): 5525

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): 0.87

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1254

Fresh water used in treatment (bbl): 5946 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 203140 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. Comp. Spec. Date: _____ Email regulatorypermitting@gwogco.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)