

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

Treatment Date: 01/29/2013 End Date: 01/29/2013 Date of First Production this formation: 02/21/2013

Perforations Top: 6332 Bottom: 6599 No. Holes: 48 Hole size: 0.42

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: 06/03/2013 Hours: 24 Bbl oil: 41 Mcf Gas: 118 Bbl H2O: 6

Calculated 24 hour rate: Bbl oil: 41 Mcf Gas: 118 Bbl H2O: 6 GOR: 2878

Test Method: Flowing Casing PSI: 503 Tubing PSI: 474 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1342 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6572 Tbg setting date: 05/15/2013 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: 01/29/2013 End Date: 01/29/2013 Date of First Production this formation: 02/21/2013

Perforations Top: 6332 Bottom: 6486 No. Holes: 29 Hole size: 0.42

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

Niobrara frac Treatment Totals: Total 200,220 lbs 40/70 Ottawa, 4,000 lbs 20/40 SLC. Total fluid pumped 5903 bbls slickwater.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 5903 Max pressure during treatment (psi): 4947

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): 0.93

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1037

Fresh water used in treatment (bbl): 5903 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 204220 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: Callie Fiddes

Title: Regulatory Specialist Date: Email: regulatorypermitting@gwogco.com

Attachment Check List

Table with columns Att Doc Num and Name

Total Attach: 0 Files

General Comments

Table with columns User Group, Comment, Comment Date

Total: 0 comment(s)