

FORMATION: CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/16/2012 End Date: 01/16/2012 Date of First Production this formation: 05/08/2008
Perforations Top: 7650 Bottom: 7670 No. Holes: 80 Hole size: _____

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

Codell Refrac
Frac'd 7650' - 7670' with 120,932 gal frac fluid and 250,620# sand. 01/16/12

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 2879 Max pressure during treatment (psi): 4003

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

Type of gas used in treatment: _____ Max 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): 160

Fresh water used in treatment (bbl): 2879 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250620 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: 7440 Bottom: 8138 No. Holes: 220 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: _____ Max 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: 03/14/2012 Hours: 24 Bbl oil: 3 Mcf Gas: 29 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 3 Mcf Gas: 29 Bbl H2O: 0 GOR: 9667

Test Method: Flow Casing PSI: 490 Tubing PSI: 225 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1170 API Gravity Oil: 55

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8065 Tbg setting date: 03/09/2012 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: PRODUCING Treatment Type: _____

Treatment Date: 01/16/2012 End Date: 01/16/2012 Date of First Production this formation: 05/08/2008

Perforations Top: 7440 Bottom: 7456 No. Holes: 32 Hole size: _____

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

Niobrara Refrac
Frac'd 7440-7456 with 143,843 gal frac fluid and 250,160# sand. 01/16/12

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 3425 Max pressure during treatment (psi): 5294

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

Type of gas used in treatment: _____ Max frac gradient (psi/ft): 0.91

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

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 160

Fresh water used in treatment (bbl): 3425 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250160 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: Jane Washburn

Title: Operations Technologist Date: _____ Email jane.washburn@encana.com

Attachment Check List

Att Doc Num	Name
400311797	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)