

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/10/2012 End Date: 04/26/2012 Date of First Production this formation: 05/25/2012

Perforations Top: 8033 Bottom: 8047 No. Holes: 42 Hole size: 0.42

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

Set Frac Baffle @ 8256'. 04-10-12
 Frac'd the Codell 8033' – 8047', (42 holes) w/ 91,560 gal 22 # pHaserFrac Hybrid cross linked gel containing 252,400 # 30/50 sand. 04-10-12

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 2846 Max pressure during treatment (psi): 4340

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

Type of gas used in treatment: _____ Max frac gradient (psi/ft): 0.74

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

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

Fresh water used in treatment (bbl): 2846 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 252400 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-CODELL-NIOBRARA-SUSSEX Status: COMMINGLED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 05/25/2012

Perforations Top: 7794 Bottom: 8493 No. Holes: 130 Hole size: 0.42

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

Set CBP @ 7750'. 04-25-12
Drilled out CBP @ 7750, CFP @ 7900', Frac Baffle @ 8256' to commingle the JSND-NBRR-CDL. 04-26-12

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: 05/26/2012 Hours: 24 Bbl oil: 102 Mcf Gas: 676 Bbl H2O: 98

Calculated 24 hour rate: Bbl oil: 102 Mcf Gas: 676 Bbl H2O: 98 GOR: 6627

Test Method: FLOWING Casing PSI: 1479 Tubing PSI: 661 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1206 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8438 Tbg setting date: 04/26/2012 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: J SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/10/2012 End Date: 04/26/2012 Date of First Production this formation: 05/25/2012
Perforations Top: 8473 Bottom: 8493 No. Holes: 40 Hole size: 0.42

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

Frac'd the J-Sand 8473'- 8493', (40 holes) w/ 66,150 gal 18 # pHaserFrac Hybrid cross linked gel containing 250,960# 20/40 Sand. 04-10-12

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 3982 Max pressure during treatment (psi): 3074

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

Type of gas used in treatment: _____ Max frac gradient (psi/ft): 0.57

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

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

Fresh water used in treatment (bbl): 3982 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 250960 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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/10/2012 End Date: 04/26/2012 Date of First Production this formation: 05/25/2012

Perforations Top: 7794 Bottom: 8047 No. Holes: 90 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: _____ 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: _____ 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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/10/2012 End Date: 04/26/2012 Date of First Production this formation: 05/25/2012
Perforations Top: 7794 Bottom: 7806 No. Holes: 48 Hole size: 0.42

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

Set CFP @ 7900'. 04-10-12
Frac'd the Niobrara 7794'-7806' (48 holes), w/ 99,834 gals 18 # pHaserFrac Hybrid cross linked gel containing 250,000# 30/50 sand. 04-11-12

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 3317 Max pressure during treatment (psi): 3852
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: Max frac gradient (psi/ft): 0.74
Total acid used in treatment (bbl): Number of staged intervals: 1
Recycled water used in treatment (bbl): Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 3317 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 250000 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: Sheilla Reed-High
Title: Drilling and Compl. Tech. Date: Email sheilla.reedhigh@Encana.com

Attachment Check List

Att Doc Num	Name
400323124	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)