

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/14/2012 End Date: 08/02/2012 Date of First Production this formation: 05/07/2012

Perforations Top: 7296 Bottom: 7310 No. Holes: 42 Hole size: 0.42

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

Set CFP @ 7350'. 05-24-12
Frac'd the Codell 7296' - 7310', (42 holes) w/ 90,132 gal 22 # pHaserFrac Hybrid cross linked gel containing 251,880 # 30/50 sand. 05-30-12

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 2914 Max pressure during treatment (psi): 4629

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): 0.81

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): 2914 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 251880 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: 05/06/2012

Perforations Top: 7069 Bottom: 7787 No. Holes: 138 Hole size: 0.42

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

Set CBP @ 7000'. 08-01-12
Drilled out CBP @7000', CFP @ 7131', 7350' to commingle the JSND-NBRR-CDL. 08-02-12

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: 08/08/2012 Hours: 24 Bbl oil: 47 Mcf Gas: 223 Bbl H2O: 53

Calculated 24 hour rate: Bbl oil: 24 Mcf Gas: 47 Bbl H2O: 223 GOR: 14745

Test Method: Flowing Casing PSI: 1019 Tubing PSI: 402 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1205 API Gravity Oil: 48

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7728 Tbg setting date: 08/02/2012 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: 03/14/2012 End Date: 08/02/2012 Date of First Production this formation: 05/06/2012
Perforations Top: 7753 Bottom: 7787 No. Holes: 48 Hole size: 0.42

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

Frac'd the J-Sand 7753'-7787', (48 holes)w/ 67,266 gal 18 # FlexD Hybrid cross linked gel containing 250,060 # 20/40 Sand. 03-19-12

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 3909 Max pressure during treatment (psi): 3463

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): 0.55

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

Recycled water used in treatment (bbl): 3909 Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: RECYCLE

Total proppant used (lbs): 250060 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: 03/14/2012 End Date: 08/02/2012 Date of First Production this formation: 05/06/2012
Perforations Top: 7069 Bottom: 7310 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: 03/12/2012 End Date: 08/02/2012 Date of First Production this formation: 05/02/2012
Perforations Top: 7069 Bottom: 7081 No. Holes: 48 Hole size: 0.42

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

Set CFP @ 7131'. 05-30-12
Frac'd the Niobrara 7069' - 7081' (48 holes), w/ 101,346 gals 18 # pHaserFrac Hybrid cross linked gel containing 248,260 # 30/50 sand. 05-30-12

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 3332 Max pressure during treatment (psi): 5753
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): 0.89
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): 3332 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 248260 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 D. Reed-High
Title: Drilling and Compl. Tech. Date: Email sheilla.reedhigh@Encana.com

Attachment Check List

Att Doc Num	Name
400315622	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

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