

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/13/2015 End Date: 03/18/2015 Date of First Production this formation: 05/27/2015

Perforations Top: 8067 Bottom: 11538 No. Holes: 243 Hole size: 0.38

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

Stages 1, 15 - 19, & 22 - 24 treated with 16,431 of fresh water, 258 bbls of recycled water, 82 bbls of additives, 62 bbls of acid 15%, and 876,957 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 16751 Max pressure during treatment (psi): 7861

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.94

Total acid used in treatment (bbl): 62 Number of staged intervals: 9

Recycled water used in treatment (bbl): 258 Flowback volume recovered (bbl): 90

Fresh water used in treatment (bbl): 16431 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 876957 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: FORT HAYS Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/15/2015 End Date: 03/18/2015 Date of First Production this formation: 05/27/2015

Perforations Top: 8457 Bottom: 11387 No. Holes: 324 Hole size: 0.38

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

Stages 2 - 8, 12 - 14, & 20 - 21 treated with 21,908 of fresh water, 344 bbls of recycled water, 109 bbls of additives, 83 bbls of acid 15%, and 1,169,275 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 22334 Max pressure during treatment (psi): 8733

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl): 83 Number of staged intervals: 12

Recycled water used in treatment (bbl): 344 Flowback volume recovered (bbl): 120

Fresh water used in treatment (bbl): 21908 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 1169275 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: 03/16/2015 End Date: 03/17/2015 Date of First Production this formation: 05/27/2015

Perforations Top: 10019 Bottom: 10362 No. Holes: 81 Hole size: 0.38

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

Stages 9 - 11 treated with 5,450 bbls of fresh water, 86 bbls of recycled water, 27 bbls of additives, 21 bbls of acid 15%, and 292,319 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 5584 Max pressure during treatment (psi): 8088

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Min frac gradient (psi/ft): 0.97

Total acid used in treatment (bbl): 21 Number of staged intervals: 3

Recycled water used in treatment (bbl): 86 Flowback volume recovered (bbl): 30

Fresh water used in treatment (bbl): 5477 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 292319 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-FORT HAYS-CODELL-CARLILE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/13/2015 End Date: 03/19/2015 Date of First Production this formation: 05/27/2015
Perforations Top: 7774 Bottom: 11538 No. Holes: 702 Hole size: 0.38

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

Stages 1 - 26 treated with 47,231 bbls of fresh water, 745 bbls of recycled water, 236 bbls of additives, 179 bbls of acid 15%, and 2,533,430 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: [] Yes [X] No

Total fluid used in treatment (bbl): 48391 Max pressure during treatment (psi): 8733

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Min frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl): 179 Number of staged intervals: 26

Recycled water used in treatment (bbl): 745 Flowback volume recovered (bbl): 260

Fresh water used in treatment (bbl): 47467 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2533430 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/04/2015 Hours: 24 Bbl oil: 74 Mcf Gas: 110 Bbl H2O: 168

Calculated 24 hour rate: Bbl oil: 74 Mcf Gas: 110 Bbl H2O: 168 GOR: 1500

Test Method: flows from well Casing PSI: 1675 Tubing PSI: 801 Choke Size:

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7298 Tbg setting date: 04/24/2015 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:

The Niobrara formation was treated from 3/16 - 3/17/15. The perforation interval for this formation is 10,019 - 10,362. The Fort Hays formation was treated from 3/15 - 3/18/15. The perforation intervals for this formation are 8,457 - 8,703, 9,531 - 9,972, and 10,409 - 11,387. The Codell formation was treated on 3/13/15 and 3/17 - 3/18/15. The perforation intervals for this formation are 8,067 - 8,410, 8,750 - 9,484, and 11,535 - 11,538. The Carlile formation was treated from 3/18 - 3/19/15. The perforation interval for this formation is 7,774 - 8,020.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Erin Lind

Title: Regulatory Analyst Date: Email erin.lind@encana.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Row 1: 400855502, WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)