FORM 5A Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

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Document Number: 400479096

Date Received:

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 100185
2. Name of Operator: ENCANA OIL & GAS (USA) INC
3. Address: 370 17TH ST STE 1700
City: DENVER State: CO Zip: 80202-
4. Contact Name: Cristi Cota-Smith
Phone: (720) 876-3083
Fax: (720) 876-4083

5. API Number 05-123-32897-00
6. County: WELD
7. Well Name: Rasmussen
Well Number: 4-4-28
8. Location: QtrQtr: SENW Section: 28 Township: 2N Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/24/2013 End Date: 04/24/2013 Date of First Production this formation: 06/20/2013

Perforations Top: 7692 Bottom: 7712 No. Holes: 60 Hole size: 0.42

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

Set CFP @ 7755'. 4-24-13
Frac Codell with 109,765# 40/70 with 112,728 gals SLF. 4-24-13

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 2684
Max pressure during treatment (psi): 4780
Total gas used in treatment (mcf):
Fluid density at initial fracture (lbs/gal): 8.30
Type of gas used in treatment:
Min frac gradient (psi/ft): 0.74
Total acid used in treatment (bbl):
Number of staged intervals: 1
Recycled water used in treatment (bbl): 2684
Flowback volume recovered (bbl): 1037
Fresh water used in treatment (bbl):
Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 109765
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: FRACTURE STIMULATION

Treatment Date: 04/21/2013 End Date: 04/25/2013 Date of First Production this formation: 06/20/2013

Perforations Top: 7561 Bottom: 8156 No. Holes: 187 Hole size: 0.42

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

Drill up CFP @ 7460'. Continue in hold to next CFP @ 7615' and 7755'. Drill up plug and continue to top J-sand Perfs @ 8127'. 5-4-13

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: 06/28/2013 Hours: 22 Bbl oil: 30 Mcf Gas: 177 Bbl H2O: 47

Calculated 24 hour rate: Bbl oil: 33 Mcf Gas: 193 Bbl H2O: 51 GOR: 5900

Test Method: Flowing Casing PSI: 1090 Tubing PSI: 470 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8074 Tbg setting date: 05/04/2013 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: J SAND Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/24/2013 End Date: 04/24/2013 Date of First Production this formation: 06/20/2013

Perforations Top: 8127 Bottom: 8156 No. Holes: 75 Hole size: 0.42

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

Frac J Sand with 113,300# 20/40 with 115,164 gals SLF. 4-24-13

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 2742 Max pressure during treatment (psi): 3953

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

Type of gas used in treatment: Min frac gradient (psi/ft): 0.53

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

Recycled water used in treatment (bbl): 2742 Flowback volume recovered (bbl): 1037

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

Total proppant used (lbs): 113300 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: 04/24/2013 End Date: 04/25/2013 Date of First Production this formation: 06/20/2013

Perforations Top: 7561 Bottom: 7712 No. Holes: 112 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: 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: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/24/2013 End Date: 04/25/2013 Date of First Production this formation: 06/20/2013

Perforations Top: 7561 Bottom: 7574 No. Holes: 52 Hole size: 0.42

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

Set CFP @ 7615. 4.24.13
Frac Niobrara with 112,300# 40/70 with 116,256 gals SLF. 4.25.13

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 2768 Max pressure during treatment (psi): 5650

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

Type of gas used in treatment: Min frac gradient (psi/ft): 0.84

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

Recycled water used in treatment (bbl): 2768 Flowback volume recovered (bbl): 1037

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

Total proppant used (lbs): 112300 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: Cristi L. Cota-Smith

Title: Permitting Analyst Date: Email: cristi.cota-smith@encana.com

Attachment Check List

Att Doc Num	Name
400479119	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)