

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:

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Date Received:

03/27/2014

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: Kelly Hamden
Phone: (720) 876-5185
Fax: (720) 876-6185
Email: Kelly.Hamden@encana.com

5. API Number 05-077-09308-00
6. County: MESA
7. Well Name: ORCHARD UNIT
Well Number: 18-16 (M17OU)
8. Location: QtrQtr: SWSW Section: 17 Township: 8S Range: 96W Meridian: 6
9. Field Name: GRAND VALLEY Field Code: 31290

Completed Interval

FORMATION: COZZETTE-CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/13/2007 End Date: 09/13/2007 Date of First Production this formation: 10/23/2007

Perforations Top: 4933 Bottom: 5207 No. Holes: 24 Hole size: 0.34

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

Stage 1 - Stage 1 treated with a total of: 2439 bbls of Slickwater (BWS), 256,114 lbs of Proppant 15% Flaxsand, 85% 20/40 White Sand.

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

Total fluid used in treatment (bbl): 2439 Max pressure during treatment (psi): 3732

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.40

Type of gas used in treatment: Min frac gradient (psi/ft): 0.61

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

Recycled water used in treatment (bbl): 2439 Flowback volume recovered (bbl):

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

Total proppant used (lbs): 256114 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: WILLIAMS FORK-ILES Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/13/2007 End Date: 09/18/2007 Date of First Production this formation: 10/23/2007

Perforations Top: 3571 Bottom: 5207 No. Holes: 104 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): 12800 Max pressure during treatment (psi): 4824

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 804.00

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.71

Total acid used in treatment (bbl): _____ Number of staged intervals: 4

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

Fresh water used in treatment (bbl): 12800 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 807428 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: WILLIAMS FORK Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/17/2007 End Date: 09/18/2007 Date of First Production this formation: 10/23/2007

Perforations Top: 3571 Bottom: 4646 No. Holes: 80 Hole size: 0.34

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

Stage 2 - Stage 5 treated with a total of: 10,361 bbls of Slickwater (BWS); 551,314 of 20/40 White Sand.

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

Total fluid used in treatment (bbl): 10361 Max pressure during treatment (psi): 4824

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.40

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.71

Total acid used in treatment (bbl): _____ Number of staged intervals: 4

Recycled water used in treatment (bbl): 10361 Flowback volume recovered (bbl): _____

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

Total proppant used (lbs): 551314 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: Kelly Hamden

Title: Permitting Analyst Date: 3/27/2014 Email: Kelly.Hamden@encana.com

Attachment Check List

Att Doc Num	Name
400580032	FORM 5A SUBMITTED
400580185	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Passes Permitting: Production not reported on this after-the-fact 5A.	9/25/2014 10:43:13 AM

Total: 1 comment(s)