

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:

400835615

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: Erin Lind
Phone: (720) 876-5827
Fax:
Email: erin.lind@encana.com

5. API Number 05-123-38088-00
6. County: WELD
7. Well Name: Grant Hurt
Well Number: 1A-14H G268
8. Location: QtrQtr: SWNE Section: 14 Township: 2N Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CARLILE Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/10/2015 End Date: 01/17/2015 Date of First Production this formation: 04/09/2015

Perforations Top: 7966 Bottom: 14127 No. Holes: 381 Hole size: 0.38

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

Stages 1-4 and 31-41 treated with 28,910 bbls of total fluids, 138 bbls of additives, 9 bbls of acid 15%, and 1,443,857 lbs of 40/70 Sand Proppant

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

Total fluid used in treatment (bbl): 28910 Max pressure during treatment (psi): 8061

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): 0.86

Total acid used in treatment (bbl): 9 Number of staged intervals: 15

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 130

Fresh water used in treatment (bbl): 28901 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 1443857 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: CODELL		Status: COMMINGLED		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 01/11/2015		End Date: 01/16/2015		Date of First Production this formation: 04/09/2015	
Perforations	Top: 9683	Bottom: 13523	No. Holes: 405	Hole size: 0.38	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Stages 5-7, 15-17, and 22-30 treated with 28,910 bbls of total fluids, 378 bbls of additives, 24 bbls of acid 15%, and 3,946,542 lbs of 40/70 Sand Proppant					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): 28910		Max pressure during treatment (psi): 8009			
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): 0.44			
Total acid used in treatment (bbl): 9		Number of staged intervals: 15			
Recycled water used in treatment (bbl): 0		Flowback volume recovered (bbl): 130			
Fresh water used in treatment (bbl): 28763		Disposition method for flowback: DISPOSAL			
Total proppant used (lbs): 1443857		Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>			
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 01/11/2015		End Date: 01/16/2015		Date of First Production this formation: 04/09/2015	
Perforations	Top: 11299	Bottom: 13068	No. Holes: 243	Hole size: 0.38	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Stages 8-14 and 18-19 treated with 17,346 bbls of total fluids, 83 bbls of additives, 5 bbls of acid 15%, and 866,314 lbs of 40/70 Sand Proppant					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): 17346		Max pressure during treatment (psi): 8710			
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): 0.77			
Total acid used in treatment (bbl): 5		Number of staged intervals: 9			
Recycled water used in treatment (bbl): 0		Flowback volume recovered (bbl): 78			
Fresh water used in treatment (bbl): 17341		Disposition method for flowback: DISPOSAL			
Total proppant used (lbs): 866314		Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>			
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 01/14/2015 End Date: 01/14/2015 Date of First Production this formation: 04/09/2015

Perforations Top: 11046 Bottom: 11250 No. Holes: 54 Hole size: 0.38

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

Stages 20 - 21 treated with 3,855 bbls of total fluids, 18 bbls of additives, 1 bbl of acid 15%, and 192,514 lbs of 40/70 Sand Proppant

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

Total fluid used in treatment (bbl): 3855

Max pressure during treatment (psi): 7804

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): 0.87

Total acid used in treatment (bbl): 1

Number of staged intervals: 2

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 17

Fresh water used in treatment (bbl): 3853

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 192514

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: 01/10/2015 End Date: 01/17/2015 Date of First Production this formation: 04/09/2015
Perforations Top: 7966 Bottom: 14127 No. Holes: 1083 Hole size: 0.38

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

Stages 1 - 41 treated with 79,020 bbls of total fluids, 378 bbls of additives, 24 bbls of acid 15%, and 3,946,542 lbs of 40/70 Sand Proppant

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

Total fluid used in treatment (bbl): 79020

Max pressure during treatment (psi): 8710

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): 0.44

Total acid used in treatment (bbl): 24

Number of staged intervals: 41

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 354

Fresh water used in treatment (bbl): 78996

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3946542

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/18/2015 Hours: 24 Bbl oil: 313 Mcf Gas: 1022 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 313 Mcf Gas: 1022 Bbl H2O: 0 GOR: 3265
Test Method: Flows from well Casing PSI: 2499 Tubing PSI: 1710 Choke Size: 0
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 50
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7367 Tbg setting date: 03/20/2015 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 on 1/14/15. The perforation interval for this formation is 11,046 - 11,250. The Fort Hays formation was treated from 1/11/15 - 1/13/15 and on 1/16/15. The perforation intervals for this formation are 11,299 - 11,550 and 12,008 - 13,068. The Codell formation was treated on 1/11/15 and 1/13/15 - 1/16/15. The perforation intervals for this formation are 9,683 - 10,998, 11,605 - 11,953 and 13,114 - 13,523. The Carlile formation was treated from 1/10/15 - 1/11/15 and 1/16/15 - 1/17/15. The perforation intervals for this formation are 7,966 - 9,634 and 13,568 - 14,127.

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

Att Doc Num	Name
400835708	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)