

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:

400365366

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: Sheilla Reed-High

Phone: (720) 876-3678

Fax: (720) 876-4678

5. API Number 05-013-06633-00

7. Well Name: CANYON CREEK

8. Location: QtrQtr: NWSE Section: 13 Township: 1N Range: 69W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: BOULDER

Well Number: 8-6-13 X

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>07/21/2012</u>		End Date: <u>08/18/2012</u>		Date of First Production this formation: <u>10/12/2012</u>	
Perforations	Top: <u>8212</u>	Bottom: <u>8226</u>	No. Holes: <u>42</u>	Hole size: <u>0.42</u>	

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

Set CFP @ 8513'. 08-04-12
 Frac'd the Codell 8,212' – 8,226' (42 holes) w/ 88,290 gal 22# pHaser Hybrid cross linked gel containing 249,419 # 30/50 sand. 08-04-12

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>2762</u>	Max pressure during treatment (psi): <u>4739</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.33</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.43</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): <u>2762</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>249419</u>	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

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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** 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: 10/12/2012
Perforations Top: 7971 Bottom: 8681 No. Holes: 130 Hole size: 0.42
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

Set CBP @ 7765'. 08-17-12
Drilled out CBP and CFP's to commingle the JSND-NBRR-CDL. 08-18-12

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: _____ 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: 10/13/2012 Hours: 24 Bbl oil: 134 Mcf Gas: 795 Bbl H2O: 135
Calculated 24 hour rate: Bbl oil: 134 Mcf Gas: 795 Bbl H2O: 135 GOR: 5933
Test Method: FLOWING Casing PSI: 2280 Tubing PSI: 1420 Choke Size: 14/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1207 API Gravity Oil: 52
Tubing Size: 2 + 3/8 Tubing Setting Depth: 8635 Tbg setting date: 10/18/2012 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: <u>J SAND</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>07/21/2012</u>		End Date: <u>08/18/2012</u>		Date of First Production this formation: <u>10/12/2012</u>	
Perforations	Top: <u>8212</u>	Bottom: <u>8226</u>	No. Holes: <u>42</u>	Hole size: <u>0.42</u>	

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

Frac'd the J-Sand 8,665' – 8,681', (48 holes)w/ 65,167 gal 18 # pHaser Hybrid cross linked gel containing 251,603 # 20/40 Sand. 08-04-12

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

Total fluid used in treatment (bbl): <u>2762</u>	Max pressure during treatment (psi): <u>4739</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.33</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.43</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): <u>2762</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>249419</u>	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

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: _____	
Treatment Date: _____		End Date: _____		Date of First Production this formation: 10/12/2012	
Perforations	Top: 7971	Bottom: 8226	No. Holes: 90	Hole size: _____	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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: <input 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: 07/21/2012 End Date: 08/18/2012 Date of First Production this formation: 10/12/2012
Perforations Top: 7971 Bottom: 7813 No. Holes: 40 Hole size: 0.42
Provide a brief summary of the formation treatment: Open Hole: ☐

Set CFP @ 8040'. 08-05-12
Frac'd the Niobrara 7,809-7,813'; 7,971-7,977'. (40 holes), w/ 98,041 gals 18 # pHaser
Hybrid cross linked gel containing 249,600 # 30/50 sand. 08-05-12

This formation is commingled with another formation: ☒ Yes ☐ No
Total fluid used in treatment (bbl): 3282 Max pressure during treatment (psi): 4198
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):
Type of gas used in treatment: Min frac gradient (psi/ft): 0.76
Total acid used in treatment (bbl): Number of staged intervals: 1
Recycled water used in treatment (bbl): 3282 Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 250700 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 Reed-High
Title: Drilling and Compl. Tech. Date: Email: sheilla.reedhigh@Encana.com

Attachment Check List

Att Doc Num	Name
400365367	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)