

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400303113

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	4. Contact Name: Sheilla Reed-High
2. Name of Operator: ENCANA OIL & GAS (USA) INC	Phone: (720) 876-3678
3. Address: 370 17TH ST STE 1700	Fax: (720) 876-4678
City: DENVER State: CO Zip: 80202-	

5. API Number 05-123-34592-00	6. County: WELD
7. Well Name: MELBON RANCH	Well Number: 34-17
8. Location: QtrQtr: SESW Section: 17 Township: 2N Range: 65W Meridian: 6	
9. Field Name: WATTENBERG	Field Code: 90750

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>04/16/2012</u>		End Date: <u>07/24/2012</u>		Date of First Production this formation: <u>07/24/2012</u>	
Perforations	Top: <u>7349</u>	Bottom: <u>7363</u>	No. Holes: <u>42</u>	Hole size: <u>0.42</u>	

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

Set CFP @ 7430'. 05-31-12  
 Frac'd the Codell 7349'-7363', (42 holes) w/ 89,376 gal 22 # pHaserFrac Hybrid cross linked gel containing 250,600 # 30/50 sand. 05-31-12

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>2771</u>	Max pressure during treatment (psi): <u>4896</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.34</u>
Type of gas used in treatment: _____	Max frac gradient (psi/ft): <u>0.80</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): <u>2771</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>250600</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 _____
---------------------------------	---	-----------------------------------

\*\* 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: 07/24/2012

Perforations Top: 7121 Bottom: 7835 No. Holes: 142 Hole size: 0.42

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

Set CBP @ 7070'. 07-21-12  
 Drilled out CBP @ 7070', CFP @ 7180', 7430' commingle the JSND-NBRR-CDL. 07-24-12

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: \_\_\_\_\_ Max 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: 07/29/2012 Hours: 24 Bbl oil: 21 Mcf Gas: 116 Bbl H2O: 5

Calculated 24 hour rate: Bbl oil: 21 Mcf Gas: 116 Bbl H2O: 5 GOR: 5524

Test Method: FLOWING Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1205 API Gravity Oil: 48

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7779 Tbg setting date: 07/24/2012 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>04/16/2012</u>		End Date: <u>07/24/2012</u>		Date of First Production this formation: <u>07/24/2012</u>	
Perforations	Top: <u>7800</u>	Bottom: <u>7835</u>	No. Holes: <u>48</u>	Hole size: <u>0.42</u>	

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

Frac'd the J-Sand 7800'– 7835', (48 holes) w/ 66,360 gal 18 # pHaserFrac Hybrid cross linked gel containing 252,960# 20/40 Sand. 05-30-12

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

Total fluid used in treatment (bbl): <u>3878</u>	Max pressure during treatment (psi): <u>2863</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.34</u>
Type of gas used in treatment: _____	Max frac gradient (psi/ft): <u>0.56</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): <u>3878</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>252960</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: FRACTURE STIMULATION

Treatment Date: 04/16/2012 End Date: 07/24/2012 Date of First Production this formation: 07/24/2012

Perforations Top: 7121 Bottom: 7363 No. Holes: 94 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: \_\_\_\_\_ Max 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: COMMINGLED		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 04/16/2012		End Date: 07/24/2012		Date of First Production this formation: 07/24/2012	
Perforations Top: 7121		Bottom: 7219		No. Holes: 52 Hole size: 0.42	
Provide a brief summary of the formation treatment:				Open Hole: <input type="checkbox"/>	
<div>Set CFP @ 7180'. 06-01-12 Frac'd the Niobrara 7121'-7133' (48 holes) Niobrara "C" (7218-7219) (4 holes)w/ 100,758 gals 18 # pHaserFrac Hybrid cross linked gel containing 249,400# 30/50 sand. 06-01-12</div>					
This formation is commingled with another formation:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): 3282		Max pressure during treatment (psi): 4987			
Total gas used in treatment (mcf):		Fluid density at initial fracture (lbs/gal): 8.34			
Type of gas used in treatment:		Max frac gradient (psi/ft): 0.87			
Total acid used in treatment (bbl):		Number of staged intervals: 1			
Recycled water used in treatment (bbl):		Flowback volume recovered (bbl):			
Fresh water used in treatment (bbl): 3282		Disposition method for flowback: DISPOSAL			
Total proppant used (lbs): 249400		Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>			
Reason why green completion not utilized:					
<div>Fracture stimulations must be reported on FracFocus.org</div>					
Test Information:					
Date:		Hours:		Bbl oil:	
Calculated 24 hour rate:		Bbl oil:		Mcf Gas:	
Test Method:		Casing PSI:		Bbl H2O:	
Gas Disposition:		Gas Type:		GOR:	
Tubing Size:		Tubing Setting Depth:		Choke Size:	
Reason for Non-Production:		Tbg setting date:		API Gravity Oil:	
Date formation Abandoned:		Packer Depth:			
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.	
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			
400319804		WELLBORE DIAGRAM			
Total Attach: 1 Files					
General Comments					
User Group		Comment		Comment Date	
Total: 0 comment(s)					