

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:

400409809

Date Received:

04/25/2013

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: Judith Walter  
Phone: (720) 876-3702  
Fax: (720) 876-4702

5. API Number 05-103-10131-00  
6. County: RIO BLANCO  
7. Well Name: FIGURE FOUR  
Well Number: 8010XA J10 499  
8. Location: QtrQtr: NWSE Section: 10 Township: 4S Range: 99W Meridian: 6  
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: MANCOS A Status: SHUT IN Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/18/2001 End Date: 01/09/2002 Date of First Production this formation:

Perforations Top: 7550 Bottom: 7560 No. Holes: 60 Hole size:

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

State 3 - Frac w/ 40 Q CO2, WF 135 Fluid, 55 Ton CO2, 87,308# 20/40 Mesh PR 6000 SD. This was originally reported as Mancos A by EI Paso on 1/09/2002.

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: 2 + 3/8 Tubing Setting Depth: 8293 Tbg setting date: 08/28/2012 Packer Depth:

Reason for Non-Production: This well is waiting on pipeline connection.

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>MANCOS B</u>		Status: <u>SHUT IN</u>		Treatment Type: <u>ACID JOB</u>	
Treatment Date: <u>10/18/2001</u>		End Date: _____		Date of First Production this formation: _____	
Perforations	Top: <u>8584</u>	Bottom: <u>9170</u>	No. Holes: <u>60</u>	Hole size: <u>33/100</u>	

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

Well drilled & Completed by Coastal in 2001. Must use original 5A's for previous treatment.  
 Stages 1: 9160'-9170' 60 holes; Treated w/a total of 300 gal 15% HCL acid w/WF140 fluid and 116,500# 20/40 Mesh PR 6000 Prop SD, and 140 ton CO2.  
 Stage 2: 8584'-8732' # of holes unknown Treated w/600 gal 7.5% HCL acid w/WF140 60Q fluid and 101,000# 20/40 Mesh PR 6000 Prop SD and 69 Ton CO2.

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: <input 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: <u>2 + 3/8</u>	Tubing Setting Depth: <u>8293</u>	Tbg setting date: <u>08/28/2012</u>	Packer Depth: _____	

Reason for Non-Production: This well is waiting on pipeline connection.

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>SEGO</u>		Status: <u>SHUT IN</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>10/18/2001</u>		End Date: <u>10/18/2001</u>		Date of First Production this formation: _____	
Perforations	Top: <u>6620</u>	Bottom: <u>6683</u>	No. Holes: <u>60</u>	Hole size: _____	

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

Stage 4: 6673'-6683' Frac w/ WF 140 60Q C02 and 101,280# 20/40 SD and 108 Ton C02. (El Paso reported as Sego)  
 Stage 5: 6620'-6673' Frac w/ YF120LG Fluid and 213,000# 20/40 Prop SD. (El Paso reported as Corcoran) with updated Encana formation tops this falls in the Sego formation.

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**

**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: <u>2 + 3/8</u>	Tubing Setting Depth: <u>8293</u>	Tbg setting date: <u>08/28/2012</u>	Packer Depth: _____	

Reason for Non-Production: This well is waiting on pipeline connection.

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: SHUT IN Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/18/2001 End Date: 10/18/2001 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 4972 Bottom: 5944 No. Holes: 152 Hole size: 62/100

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

Stage 6: 5874'-5944' El Paso did not frac this stage, to wet. (Encana found this to be stages 6 & 7)

Stage 6: 5938-5944 No frac information available, not frac'd

Stage 7: 5874'-5882'

Stage 8: 5714'-5780'

Stage 9: 5622'-5628' Stages 7-9 Frac information available 5622'-5882': 249,500# 20/40, 3051 bbl YF 125LG fluid

State 10: 4972'-5386' could not find upper interval treatment.

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: 2 + 3/8 Tubing Setting Depth: 8293 Tbg setting date: 08/28/2012 Packer Depth: \_\_\_\_\_

Reason for Non-Production: This well is waiting on pipeline connection.

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:

CFP partially drilled out 11/04/02. Bit got stuck while drilling and is now fish in the hole. TOF 8530'. Most Mancos B prod leaking past fish and CFP.

Form 4 Sundry Notice requested by Bob Koehler to correct the Formation Tops which include the Williams Fork and to add Williams Fork as a permitted formation. The Sundry notice will be in submitted via USPS on 4/26/2013.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Judith Walter

Title: Regulatory Analyst Date: 4/25/2013 Email: judith.walter@encana.com

### Attachment Check List

Att Doc Num	Name
400409809	FORM 5A SUBMITTED
400409839	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Sundry to add WMFK as permitted fm. approved. New fm. tops agree w/ reported perf.'d intervals on this 5A. Hole size info lacking in oper.'s files.	5/1/2013 9:27:16 AM
Permit	Revised 5A submitted to cleanup well file. Previous operator did not report production test data on 5A's. Sundry to permit WMFK and correct fm. tops submitted. Waiting on form 4 data-entry to process.	4/29/2013 1:39:47 PM

Total: 2 comment(s)