

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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Date Received:

01/12/2012

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 Hochstetler  
Phone: (720) 876-5827  
Fax:

5. API Number 05-045-06294-00  
6. County: GARFIELD  
7. Well Name: Twin Buttes  
Well Number: 7101  
8. Location: QtrQtr: NESE Section: 23 Township: 5S Range: 102W Meridian: 6  
9. Field Name: TWIN BUTTES Field Code: 84300

Completed Interval

FORMATION: DAKOTA Status: ABANDONED WELLBORE/COMPLETION Treatment Type:  
Treatment Date: End Date: Date of First Production this formation:  
Perforations Top: 6748 Bottom: 6876 No. Holes: 24 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): 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: Not economic  
Date formation Abandoned: 08/05/2011 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt  
\*\* Bridge Plug Depth: 6678 \*\* Sacks cement on top: 10 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: SHUT IN Treatment Type: \_\_\_\_\_  
Treatment Date: 08/22/2011 End Date: \_\_\_\_\_ Date of First Production this formation: 10/24/2011  
Perforations Top: 5890 Bottom: 6121 No. Holes: 26 Hole size: 0.34  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

Stages 04 treated with a total of: 3720 bbls of Slickwater, 75320 lbs 100 Sand, 25000 lbs 16-30 PR6000, 74060 lbs 40-70 Sand.

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: 2.375 Tubing Setting Depth: 6257 Tbg setting date: 10/11/2011 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 hard copy of this CBL log will be sent via USPS. CIBP set at 6678' dump bailed with a wireline dump bailer 50' of cement on top of the CIBP, calc to 10 sacks of cement, no cement report. We never did recover the entire frac load, only 50% or about 2000 bbls. We did attempt first sales on 10/25/11 but the well only sold 2 Mcf and died. It was SI 11/01/2011 shortly after due to lack of production. No test data available. A cement bond log was run on 8/8/11, see attached.

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

Signed: \_\_\_\_\_ Print Name: Erin Hochstetler  
Title: Permitting Technician Date: 1/12/2012 Email: erin.hochstetler@encana.com

**Attachment Check List**

Att Doc Num	Name
1533639	WIRELINE JOB SUMMARY
2072978	WELLBORE DIAGRAM
400239758	FORM 5A SUBMITTED
400239773	OTHER

Total Attach: 4 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Off hold; oper. sub. wireline tikt. for Dakota BP.	9/6/2012 7:36:48 AM
Permit	Oper. indicated cmt. tkt. not available. requested wireline tkt.	1/12/2012 12:54:49 PM

Total: 2 comment(s)