

**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:  
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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 05-123-35266-00  
6. County: WELD  
7. Well Name: DAVIS  
Well Number: 2A-9H X  
8. Location: QtrQtr: SWNW Section: 9 Township: 2N Range: 66W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

**Completed Interval**

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
Treatment Date: 07/23/2012 End Date: 07/30/2012 Date of First Production this formation: 08/23/2012  
Perforations Top: 7595 Bottom: 14352 No. Holes: 1905 Hole size: 0.38  
Provide a brief summary of the formation treatment: Open Hole:

Frac stage 1. Pumped 1,209 bbls. slick water, 1,966 bbls. X-link gel w/11,890# 40/70 sd, 125,601# 30/50 sd, 13,760# 20/40 sd, total 151,251. Set CFP 1 at 14,257'. Frac stage 2. Pumped 1,184 bbls. slick water, 1,890 bbls. X-link gel w/12,117# 40/70 sd, 125,144# 30/50 sd, 13,760# 20/40 sd, total 151,021. Set CFP 2 at 14,036'. Frac stage 3. Pumped 1,173 bbls. slick water, 1,895 bbls. X-link gel w/11,869# 40/70 sd, 127,082# 30/50 sd, 13,746# 20/40 sd, total 152,696#. Set CFP 3 at 13,814'. Frac stage 4. Pumped 1,157 bbls. slick water, 1,881 bbls. X-link gel w/11,499# 40/70 sd, 125,694# 30/50 sd, 13,760# 20/40 sd, total 150,953. Set CFP 4 at 13,592'. Frac stage 5. Pumped 1,158 bbls. slick water, 1,886 bbls. X-link gel w/11,490# 40/70 sd, 125,125# 30/50 sd, 13,760# 20/40 sd, total 150,375#. Set CFP 5 at 13,371'. Frac stage 6. Pumped 1,167 bbls. slick water, 1,891 bbls. X-link gel w/11,816# 40/70 sd, 126,874# 30/50 sd, 16,800# 20/40 sd, total 155,490#. Set CFP 6 at 13,150'. Frac stage 7. Pumped 1,148 bbls. slick water, 1,905 bbls. X-link gel w/11,516# 40/70 sd, 127,903# 30/50 sd, 13,760# 20/40 sand, total 153,179#. Set CFP 7 at 12,928'. Frac stage 8. Pumped 1,148 bbls. slick water, 1,875 bbls. X-link gel w/11,632# 40/70 sd, 125,024# 30/50 sd, 13,760# 20/40 sd, total 150,415#. Set CFP 8 at 12,707'. Frac stage 9. Pumped 1,309 bbls. slick water, 1,893 bbls. X-link gel w/11,683# 40/70 sd, 125,094# 30/50 sd, 13,760# 20/40 sd, total 150,537#. Set CFP 9 at 12,485'. Frac stage 10. Pumped 1,141 bbls. slick water, 1,879 bbls. X-link gel w/11,657# 40/70 sd, 126,267# 30/50 sd, 20,528# 20/40 sd, total 158,452#. Set CFP 10 at 12,264'. Frac stage 11. Pumped 1,137 bbls. slick water, 1,872 bbls. X-link gel w/11,605# 40/70 sd, 125,047# 30/50 sd, 13,760# 20/40 sd, total 150,411#. Set CFP 12 at 11,821'. Frac stage 13 w/3,119 bbls Hybrid fluid system placing 154,001 lbs proppant. Set CFP 13 at 11,600'. Frac stage 14 w/3,048 bbls Hybrid fluid system placing 150,678 lbs proppant. Frac stage 14. Pumped 1,136 bbls. slick water, 1,878 bbls. X-link gel w/11,724# 40/70 sd, 125,194# 30/50 sd, 13,760# 20/40 sd, total 150,678#. Set CFP 14 at 11,351'. Frac stage 15. Pumped 1,137 bbls. slick water, 1,871 bbls. X-link gel w/11,834# 40/70 sd, 126,878# 30/50 sd, 13,760# 20/40 sd, total 152,471#. Set CFP 15 at 11,157'. Frac stage 16. Pumped 1,117 bbls. slick water, 1,882 bbls. X-link gel w/11,538# 40/70 sd, 125,555# 30/50 sd, 13,760# 20/40 sd, total 150,853#. Set CFP 16 at 10,939'. Frac stage 17. Pumped 1,119 bbls. slick water, 1,890 bbls. X-link gel w/11,578# 40/70 sd, 126,692# 30/50 sd, 13,760# 20/40 sd, total 152,029#. Set CFP 17 at 10,731'. Frac stage 18. Pumped 1,119 bbls. slick water, 1,889 bbls. X-link gel w/11,693# 40/70 sd, 126,721# 30/50 sd, 13,760# 20/40 sd, total 152,174#. Set CFP 18 at 10,523'. Pumped 1,117 bbls. slick water, 1,866 bbls. X-link gel w/11,496# 40/70 sd, 125,347# 30/50 sd, 13,760# 20/40 sd, total 150,602#. Frac stage 19. Pumped 1,117 bbls. slick water, 1,866 bbls. X-link gel w/11,496# 40/70 sd, 125,347# 30/50 sd, 13,760# 20/40 sd, total 150,602#. Set CFP 19 at 10,316'. Frac stage 20. Pumped 1,123 bbls. slick water, 1,903 bbls. X-link gel w/11,510# 40/70 sd, 128,407# 30/50 sd, 13,760# 20/40 sd, total 153,676#. Set CFP 20 at 10,108'. Frac stage 21. Pumped 1,111 bbls. slick water, 1,867 bbls. X-link gel w/11,456# 40/70 sd, 125,125# 30/50 sd, 13,760# 20/40 sd, total 150,341#. Set CFP 21 at 9,899'. Frac stage 22. Pumped 1,125 bbls. slick water, 1,851 bbls. X-link gel w/11,740# 40/70 sd, 122,171# 30/50 sd, 13,760# 20/40 sd, total 147,671#. Set CFP 22 at 9,678'. Frac stage 23. Pumped 1,092 bbls. slick water, 1,891 bbls. X-link gel w/11,554# 40/70 sd, 129,009# 30/50 sd, 13,760# 20/40 sd, total 154,322#. Set CFP 23 at 9,456'. Frac stage 24. Pumped 1,225 bbls. slick water, 1,641 bbls. X-link gel w/11,631# 40/70 sd, 105,653# 30/50 sd, 5,516# 20/40 sd, total 122,800#. Set CFP 24 at 9,235'. Frac stage 25. Pumped 1,103 bbls. slick water, 1,863 bbls. X-link gel w/11,515# 40/70 sd, 125,984# 30/50 sd, 13,760# 20/40 sd, total 151,259#. Set CFP 25 at 9,012'. Frac stage 26. Pumped 1,095 bbls. slick water, 1,904 bbls. X-link gel w/11,606# 40/70 sd, 127,831# 30/50 sd, 13,760# 20/40 sd, total 153,197#. Set CFP 26 at 8,791'. Frac stage 27. Pumped 1,066 bbls. slick water, 1,887 bbls. X-link gel w/11,584# 40/70 sd, 125,375# 30/50 sd, 13,760# 20/40 sd, total 149,718#. Set CFP 27 at 8,569'. Frac stage 28. Pumped 1,111 bbls. slick water, 1,868 bbls. X-link gel w/11,477# 40/70 sd, 124,921# 30/50 sd, 13,760# 20/40 sd, total 150,158#. Set CFP 28 at 8,348'. Frac stage 29. Pumped 1,265 bbls. slick water, 2,255 bbls. X-link gel w/13,831# 40/70 sand, 151,161# 30/50 sd, 16,520# 20/40 sd, total 181,512#. Set CFP 29 at 8,082'. Frac stage 30. Pumped 1,245 bbls. slick water and 2,259 bbls. X-link gel w/13,558# 40/70 sd, 151,872# 30/50 sand, 16,520# 20/40 sd, total 181,950#. Set CFP 30 at 7,816'. Frac stage 31. Pumped 1,233 bbls. slick water, 2,241 bbls. X-link gel w/ 11,877# 40/70 sd, 150,260# 30/50 sd, and 16,520# 20/40 sd, total 178,387#. Set CBP @ 6600', Drilled up CBP, CFPs.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 101340 Max pressure during treatment (psi): 8181

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.90

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: 31

Recycled water used in treatment (bbl): 101340 Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: RECYCLE

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: 10/27/2012 Hours: 24 Bbl oil: 420 Mcf Gas: 731 Bbl H2O: 67

Calculated 24 hour rate: Bbl oil: 420 Mcf Gas: 721 Bbl H2O: 67 GOR: 1740

Test Method: FLOWING Casing PSI: 2588 Tubing PSI: 1590 Choke Size: \_\_\_\_\_

Gas Disposition: SOLD Gas Type: \_\_\_\_\_ Btu Gas: 1347 API Gravity Oil: 40

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7334 Tbg setting date: 08/22/2012 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.

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
400362807	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

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

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