

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:

400789467

Date Received:

02/13/2015

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 Lind
Phone: (720) 876-5827
Fax:
Email: erin.lind@encana.com

5. API Number 05-123-38073-00
6. County: WELD
7. Well Name: Edith Ann-Duckworth
Well Number: 4A-21H O268
8. Location: QtrQtr: SWSE Section: 21 Township: 2N Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 10/16/2014 End Date: 10/28/2014 Date of First Production this formation: 01/14/2015
Perforations Top: 7889 Bottom: 17006 No. Holes: 1630 Hole size: 0.38

Provide a brief summary of the formation treatment:

Open Hole: ☐

Stages 1 - 51 treated with a total of: 197,084 bbls of fresh water, 942 bbls of additives, Slickwater, 715 bbls of HCL 15%, 1,767,570 lbs of 30/50 Sand Proppant, and 9,674,997 lbs of 40/70 Sand Proppant

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

Total fluid used in treatment (bbl): 198741

Max pressure during treatment (psi): 8521

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.89

Total acid used in treatment (bbl): 715

Number of staged intervals: 51

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 1515

Fresh water used in treatment (bbl): 198026

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 11442567

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/08/2015 Hours: 24 Bbl oil: 325 Mcf Gas: 1063 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 325 Mcf Gas: 1063 Bbl H2O: 0 GOR: 3271
Test Method: Flows from well Casing PSI: 2249 Tubing PSI: 1991 Choke Size:
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 50
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7535 Tbg setting date: 12/10/2014 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: Erin Lind

Title: Regulatory Analyst Date: 2/13/2015 Email erin.lind@encana.com
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Attachment Check List

Att Doc Num **Name**

400789467	FORM 5A SUBMITTED
400789498	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

Permit	<ul style="list-style-type: none">• Added Slickwater to formation treatment summary.• Verified figures.• Permitting review complete/passed task	04/15/2017
Permit	<ul style="list-style-type: none">• Missing fluid type, requesting additional information on the type of additives used in this treatment.	11/04/2016

Total: 2 comment(s)