

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:

400620588

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

5. API Number 05-123-36204-00
6. County: WELD
7. Well Name: LIBERTY
Well Number: 2D-21H
8. Location: QtrQtr: NENW Section: 21 Township: 3N Range: 68W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/01/2014 End Date: 04/16/2014 Date of First Production this formation: 05/02/2014

Perforations Top: 7412 Bottom: 11376 No. Holes: 729 Hole size: 0.41

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

Stage 1 - Stage 27 treated with a total of: 172,333 bbls of Slickwater Frac (ChemRock), 2,407 bbls of Pump Down No Chemicals, 9,156,500 lbs of 40/70 Proppant

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

Total fluid used in treatment (bbl): 174740 Max pressure during treatment (psi): 8357

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): 0.91

Total acid used in treatment (bbl): 0 Number of staged intervals: 27

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1485

Fresh water used in treatment (bbl): 0 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 9156500 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/12/2014 Hours: 24 Bbl oil: 140 Mcf Gas: 19 Bbl H2O: 256

Calculated 24 hour rate: Bbl oil: 140 Mcf Gas: 19 Bbl H2O: 256 GOR: 136

Test Method: Flows from well Casing PSI: 2437 Tubing PSI: 1557 Choke Size: 10/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7111 Tbg setting date: 04/16/2014 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:

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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: _____ Email erin.lind@encana.com
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Attachment Check List

Att Doc Num **Name**

400620606	WELLBORE DIAGRAM
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Total Attach: 1 Files

General Comments

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

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Total: 0 comment(s)