

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



DE ET OE ES

Document Number:

400540345

Date Received:

01/15/2014

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: Kelly Hamden
Phone: (720) 876-5185
Fax: (720) 876-6185
Email: Kelly.Hamden@encana.com

5. API Number 05-123-37440-00
6. County: WELD
7. Well Name: Marcus State
Well Number: 3F-36H (M266)
8. Location: QtrQtr: SWSW Section: 36 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: 11/14/2013 End Date: 11/20/2013 Date of First Production this formation: 12/12/2013

Perforations Top: 7660 Bottom: 11831 No. Holes: 867 Hole size: 0.38

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

Frac with 667 bbls acid, 37670 bbls Slickwater, 87480 bbls Crosslink gel, 125166 bbls Total Fluid.

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

Total fluid used in treatment (bbl): 125166 Max pressure during treatment (psi): 10021

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Min frac gradient (psi/ft): 0.43

Total acid used in treatment (bbl): 667 Number of staged intervals: 28

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 2973

Fresh water used in treatment (bbl): 124499 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6339781 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/15/2013 Hours: 24 Bbl oil: 396 Mcf Gas: 409 Bbl H2O: 219

Calculated 24 hour rate: Bbl oil: 396 Mcf Gas: 409 Bbl H2O: 219 GOR: 1033

Test Method: Flows from well Casing PSI: 3759 Tubing PSI: 1887 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 48

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7435 Tbg setting date: 11/30/2013 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: Kelly Hamden

Title: Permitting Analyst Date: 1/15/2014 Email: Kelly.Hamden@encana.com
:

Attachment Check List

Att Doc Num **Name**

400540345	FORM 5A SUBMITTED
400540354	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

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

Permit	Received correct test data from operator. Ready to pass.	3/3/2014 1:49:17 PM
Permit	Added fresh water volume. Test data is EXACTLY the same as test data for the Marcus St 3e well. Questioned operator (3e already passed),	2/28/2014 12:13:46 PM

Total: 2 comment(s)