

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:

400477227

Date Received:

09/09/2013

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: 10414	4. Contact Name: Melissa Lasley
2. Name of Operator: CASCADE PETROLEUM LLC	Phone: (303) 407-6815
3. Address: 1331 17TH STREET #400	Fax: (303) 407-6501
City: DENVER State: CO Zip: 80202	

5. API Number 05-073-06501-00	6. County: LINCOLN
7. Well Name: STATE	Well Number: 16-11S-55W-02
8. Location: QtrQtr: SWSW Section: 16 Township: 11S Range: 55W Meridian: 6	
9. Field Name: WILDCAT	Field Code: 99999

Completed Interval

FORMATION: <u>CHEROKEE</u>		Status: <u>TEMPORARILY ABANDONED</u>		Treatment Type: <u>ACID JOB</u>	
Treatment Date: <u>03/15/2013</u>		End Date: <u>03/28/2013</u>		Date of First Production this formation: _____	
Perforations	Top: <u>7116</u>	Bottom: <u>7187</u>	No. Holes: <u>168</u>	Hole size: <u>0.43</u>	

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

C: 37 bbl 15% HCL, 51.5 bbl water  
 B: 40 bbl 15% HCL, 95.5 bbl water  
 A: 45 bbl 15% HCL, 43 bbl water

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

Total fluid used in treatment (bbl): <u>369</u>	Max pressure during treatment (psi): <u>1600</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____	Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): <u>122</u>	Number of staged intervals: _____
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): <u>246</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): _____	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: <u>03/26/2013</u>	Hours: <u>24</u>	Bbl oil: <u>1</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>41</u>
Calculated 24 hour rate:	Bbl oil: <u>1</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>41</u>	GOR: <u>0</u>
Test Method: <u>Swab</u>	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____	
Gas Disposition: _____	Gas Type: _____	Btu Gas: <u>1472</u>	API Gravity Oil: <u>34</u>	
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____	

Reason for Non-Production: Uneconomic, temporarily abandoned

Date formation Abandoned: 03/27/2013 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 7060      \*\* Sacks cement on top: \_\_\_\_\_      \*\* Wireline and Cement Job Summary must be attached.

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB  
Treatment Date: 03/28/2013 End Date: 04/07/2013 Date of First Production this formation: 04/04/2013  
Perforations Top: 7020 Bottom: 7030 No. Holes: 60 Hole size: 0.43  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

20 bbl 20% HCL, 61.24 15% HCL, 136.56 bbl water

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

Total fluid used in treatment (bbl): 218 Max pressure during treatment (psi): 1660  
Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_  
Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_  
Total acid used in treatment (bbl): 81 Number of staged intervals: \_\_\_\_\_  
Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_  
Fresh water used in treatment (bbl): 136 Disposition method for flowback: DISPOSAL  
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: 04/22/2013 Hours: 24 Bbl oil: 4 Mcf Gas: 2 Bbl H2O: 195  
Calculated 24 hour rate: Bbl oil: 4 Mcf Gas: 2 Bbl H2O: 195 GOR: 0  
Test Method: Production Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_  
Gas Disposition: FLARED Gas Type: \_\_\_\_\_ Btu Gas: 1472 API Gravity Oil: 34  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 7027 Tbg setting date: 08/19/2013 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: Melissa Lasley  
Title: Engineering Technician Date: 9/9/2013 Email: mlasley@cascadepetroleum.com

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400477227	FORM 5A SUBMITTED
400478488	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)