

FORM  
5ARev  
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:

400493314

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: 10414  
 2. Name of Operator: CASCADE PETROLEUM LLC  
 3. Address: 1331 17TH STREET #400  
 City: DENVER State: CO Zip: 80202  
 4. Contact Name: Melissa Lasley  
 Phone: (303) 407-6518  
 Fax: (303) 407-6501

5. API Number 05-073-06492-00  
 6. County: LINCOLN  
 7. Well Name: FISHER  
 Well Number: 13-9S-55W-01  
 8. Location: QtrQtr: NENW Section: 13 Township: 9S Range: 55W Meridian: 6  
 9. Field Name: WILDCAT Field Code: 99999

## Completed Interval

FORMATION: CHEROKEE Status: ABANDONED WELLBORE/COMPLETION Treatment Type: ACID JOB  
 Treatment Date: 04/29/2013 End Date: 05/14/2013 Date of First Production this formation:  
 Perforations Top: 7500 Bottom: 7582 No. Holes: 240 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

Cherokee A, B, C were perfed and treated with a small acid job. This formation was then temporarily plugged while further testing was done on other formation. This formation is now permanently plugged and abandoned.

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

Total fluid used in treatment (bbl): 347

Max pressure during treatment (psi):

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): 80

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 267

Disposition method for flowback:

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: 05/13/2013 Hours: 24 Bbl oil: 3 Mcf Gas: 0 Bbl H2O: 50  
 Calculated 24 hour rate: Bbl oil: 3 Mcf Gas: 0 Bbl H2O: 50 GOR: 0  
 Test Method: Swabbing Casing PSI: Tubing PSI: Choke Size:  
 Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 28  
 Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production: Not economic

Date formation Abandoned: 07/31/2013 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: 7480 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: J SAND Status: ABANDONED WELLBORE/COMPLETION Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 4607 Bottom: 4613 No. Holes: 48 Hole size: 0.43

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

Formation was perfed and squeezed

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

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

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): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

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

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

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: 07/26/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 210

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 210 GOR: 0

Test Method: Swab Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: 0 API Gravity Oil: 0

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: Not economic

Date formation Abandoned: 07/26/2013 Squeeze: ☒ Yes ☐ No If yes, number of sacks cmt 50

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

|                                   |                  |  |                      |  |  |
|-----------------------------------|------------------|--|----------------------|--|--|
| FORMATION: <u>LANSING</u>         |                  | Status: <u>ABANDONED WELLBORE/COMPLETION</u> |                      | Treatment Type: <u>ACID JOB</u>                |  |
| Treatment Date: <u>08/05/2013</u> |                  | End Date: <u>08/06/2013</u>                  |                      | Date of First Production this formation: _____ |  |
| Perforations                      | Top: <u>7208</u> | Bottom: <u>7272</u>                          | No. Holes: <u>72</u> | Hole size: <u>0.43</u>                         |  |

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

Formation was treated with acid and water. 9bbbls acid and 50bbbls of water.

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

|  |   |
|--|---|
| Total fluid used in treatment (bbl): <u>59</u> | Max pressure during treatment (psi): _____  |
| 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>9</u>   | Number of staged intervals: _____   |
| Recycled water used in treatment (bbl): _____  | Flowback volume recovered (bbl): _____  |
| Fresh water used in treatment (bbl): <u>50</u> | Disposition method for flowback: _____  |
| 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: _____                    | Hours: _____                | Bbl oil: _____          | Mcf Gas: _____         | Bbl H2O: _____ |
| Calculated 24 hour rate: _____ | Bbl oil: _____              | Mcf Gas: _____          | Bbl H2O: _____         | GOR: _____     |
| Test Method: _____             | Casing PSI: _____           | Tubing PSI: _____       | Choke Size: _____      |                |
| Gas Disposition: _____         | Gas Type: _____             | Btu Gas: _____          | API Gravity Oil: _____ |                |
| Tubing Size: _____             | Tubing Setting Depth: _____ | Tbg setting date: _____ | Packer Depth: _____    |                |

Reason for Non-Production: 

Formation Swabbed dry. No fluid.

|   |  |                                       |
|---|--|---------------------------------------|
| Date formation Abandoned: <u>08/08/2013</u> | Squeeze: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes, number of sacks cmt <u>50</u> |
|---|--|---------------------------------------|

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

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB  
Treatment Date: 06/26/2013 End Date: 06/29/2013 Date of First Production this formation: 07/06/2013  
Perforations Top: 7378 Bottom: 7394 No. Holes: 84 Hole size: 0.43

Provide a brief summary of the formation treatment:

Open Hole: ☐

Formation was treated with acid and water. 60bbls acid and 160bbls of water.

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

Total fluid used in treatment (bbl): 200

Max pressure during treatment (psi): \_\_\_\_\_

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): 60

Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_

Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): 160

Disposition method for flowback: \_\_\_\_\_

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: 07/06/2013 Hours: 24 Bbl oil: 15 Mcf Gas: 6 Bbl H2O: 18

Calculated 24 hour rate: Bbl oil: 15 Mcf Gas: 1 Bbl H2O: 18 GOR: 0

Test Method: Pump Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: VENTED Gas Type: \_\_\_\_\_ Btu Gas: 1475 API Gravity Oil: 28

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ 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 Tech Date: \_\_\_\_\_ Email: mlasley@cascadepetroleum.com

### **Attachment Check List**

**Att Doc Num** **Name**

400500095 WELLBORE DIAGRAM

Total Attach: 1 Files

### **General Comments**

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total: 0 comment(s)