

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:
400463981

Date Received:
08/07/2013

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

5. API Number <u>05-073-06497-00</u>	6. County: <u>LINCOLN</u>
7. Well Name: <u>FORRISTALL STATE</u>	Well Number: <u>36-11S-56W-02</u>
8. Location: QtrQtr: <u>SWNE</u> Section: <u>36</u> Township: <u>11S</u> Range: <u>56W</u> Meridian: <u>6</u>	
9. Field Name: <u>WILDCAT</u> Field Code: <u>99999</u>	

Completed Interval

FORMATION: CHEROKEE Status: SHUT IN Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/14/2013 End Date: 05/07/2013 Date of First Production this formation: 05/15/2013
Perforations Top: 7218 Bottom: 7322 No. Holes: 216 Hole size: 0.43

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

Perfed 7312-7322: Treated with 50bbbls 15%HCL. 20 bbls 2%KCL
Perfed 7276-7296: Treated with 50bbbls 15%HCL 15bbls 2%KCL
Perfed 7218-7250: Treated with 51198gal fluid & 13380lb sand

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 1219 Max pressure during treatment (psi): 4950

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

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

Total acid used in treatment (bbl): 135 Number of staged intervals: 1

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

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

Total proppant used (lbs): 133800 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/05/2013 Hours: 24 Bbl oil: 8 Mcf Gas: 0 Bbl H2O: 733

Calculated 24 hour rate: Bbl oil: 8 Mcf Gas: 0 Bbl H2O: 733 GOR: 0

Test Method: Pumping Casing PSI: _____ Tubing PSI: _____ Choke Size: _____

Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 38

Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production: After working to get the correct pump setup in order to keep well running, the water production is proving to high therefore making the well uneconomical

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.

FORMATION: WARSAW Status: PLUGGED AND ABANDONED Treatment Type: ACID JOB
 Treatment Date: 03/17/2013 End Date: 03/17/2013 Date of First Production this formation: _____
 Perforations Top: 8234 Bottom: 8262 No. Holes: 120 Hole size: 0.43

Provide a brief summary of the formation treatment: _____ Open Hole:
 Perfed from 8234-8262. 120 shots. 50bbbls 20%HCL 60BBLS 2%KCL

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): 110 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: 03/07/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 108
 Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 108 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: No production
 Date formation Abandoned: 03/14/2013 Squeeze: Yes No If yes, number of sacks cmt _____
 ** Bridge Plug Depth: 8170 ** Sacks cement on top: 2 ** 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: 8/7/2013 Email: mlasley@cascadepetroleum.com

Attachment Check List

Att Doc Num	Name
2518548	WELLBORE DIAGRAM
400463981	FORM 5A SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator revised the formation top of the Cherokee Fm and revised the wellbore diagram to match the form 5A.	8/14/2013 9:53:26 AM
Permit	Test date delayed for due to pump problems. After test well was shut in for further evaluation.	8/14/2013 6:43:07 AM
Permit	Perforated interval on the the form 5A does not match the wellbore diagram. Date of the first test is 3 months after date of the first production.	8/14/2013 6:08:37 AM

Total: 3 comment(s)