

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:

400665459

Date Received:

06/08/2015

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: 10422 4. Contact Name: Jake Flora
 2. Name of Operator: PRONGHORN OPERATING LLC Phone: (720) 988-5375
 3. Address: 8400 E PRENTICE AVENUE #1000 Fax: _____
 City: GREENWOOD State: CO Zip: 80111 Email: jakeflora@kfrcorp.com

5. API Number 05-017-07449-00 6. County: CHEYENNE
 7. Well Name: Hanavan Well Number: 15-1
 8. Location: QtrQtr: SWSE Section: 15 Township: 13S Range: 44W Meridian: 6
 9. Field Name: LADYBUG Field Code: 47685

Completed Interval

FORMATION: FORT SCOTT Status: PRODUCING Treatment Type: ACID JOB
 Treatment Date: _____ End Date: _____ Date of First Production this formation: 03/18/2015
 Perforations Top: 4815 Bottom: 4819 No. Holes: 16 Hole size: 1/2

Provide a brief summary of the formation treatment:

Open Hole: ☐500 gal 15% HCLThis formation is commingled with another formation: ☐ Yes ☒ NoTotal fluid used in treatment (bbl): 41Max pressure during treatment (psi): 200

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): 12

Number of staged intervals: _____

Recycled water used in treatment (bbl): 0Flowback volume recovered (bbl): 51Fresh water used in treatment (bbl): 29Disposition method for flowback: DISPOSALTotal proppant used (lbs): 0Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/17/2015 Hours: 24 Bbl oil: 3 Mcf Gas: 0 Bbl H2O: 33
 Calculated 24 hour rate: Bbl oil: 3 Mcf Gas: 0 Bbl H2O: 33 GOR: 0
 Test Method: pump Casing PSI: 0 Tubing PSI: 0 Choke Size: _____
 Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 38
 Tubing Size: 2 + 7/8 Tubing Setting Depth: 4861 Tbg setting date: 05/13/2014 Packer Depth: 4758

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.

FORMATION: ST LOUIS Status: TEMPORARILY ABANDONED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: _____

Perforations Top: 5346 Bottom: 5362 No. Holes: 64 Hole size: 01/2

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

No stimulation was required.

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: 05/08/2014 Hours: 10 Bbl oil: 10 Mcf Gas: 0 Bbl H2O: 100

Calculated 24 hour rate: Bbl oil: 15 Mcf Gas: 0 Bbl H2O: 150 GOR: 0

Test Method: swab Casing PSI: 0 Tubing PSI: 0 Choke Size: _____

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

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5310 Tbg setting date: 05/07/2014 Packer Depth: 5310

Reason for Non-Production: oil rate sub economic given water hauling cost

Date formation Abandoned: 05/13/2014 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 5330 ** 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: Jake Flora

Title: Petroleum Engineer Date: 6/8/2015 Email: jakeflora@kfrcorp.com

Attachment Check List

Att Doc Num	Name
400665459	FORM 5A SUBMITTED
400849879	WIRELINE JOB SUMMARY

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<p>Per operator:</p> <ol style="list-style-type: none">1) St Louis plugged 5/13/20142) I agree St Louis should be TA since no cement over it3) 16 perfs in Ft Scott. 4 shots/ft x 4 ft4) We took a chance and put a pump on it, will likely PA/TA in next few months. For now actively producing, please remove sub economic text. <p>All above changes have been input into form.</p>	3/9/2015 7:32:33 AM
Permit	<ol style="list-style-type: none">1) Verify year on date St. Louis Formation abandoned (attached wireline ticket states 5/13/2014).2) Should St. Louis Fm. be "TA" status, as formation is isolated by bridge plug with no reported cement on top?3) No. Holes on Fort Scott Fm. listed as "16" on attached wireline ticket, not 12. Confirm.4) Why is "sub economic" listed as reason for non-production on Fort Scott Fm. when formation is listed as producing?	3/8/2015 4:17:27 PM

Total: 2 comment(s)