

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:

400570357

Date Received:

03/12/2014

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

5. API Number 05-017-07754-00
6. County: CHEYENNE
7. Well Name: Moyer
Well Number: 1
8. Location: QtrQtr: NWNW Section: 36 Township: 13S Range: 44W Meridian: 6
9. Field Name: SALIS Field Code: 76165

Completed Interval

FORMATION: FORT SCOTT Status: DRY AND ABANDONED Treatment Type:
Treatment Date: End Date: Date of First Production this formation:
Perforations Top: 4746 Bottom: 4750 No. Holes: 16 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: 09/06/2013 Hours: 6 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 50
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 200 GOR: 0
Test Method: swab Casing PSI: 0 Tubing PSI: 0 Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 0
Tubing Size: 2 + 7/8 Tubing Setting Depth: 4766 Tbg setting date: 09/06/2013 Packer Depth:

Reason for Non-Production: 100% saltwater, no hydrocarbon

Date formation Abandoned: 09/09/2013 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt

** Bridge Plug Depth: 4730 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: <u>OSAGE</u>		Status: <u>DRY AND ABANDONED</u>		Treatment Type: <u>ACID JOB</u>	
Treatment Date: <u>09/03/2013</u>		End Date: <u>09/03/2013</u>		Date of First Production this formation: _____	
Perforations	Top: <u>5482</u>	Bottom: <u>5486</u>	No. Holes: <u>16</u>	Hole size: <u>01/2</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Pumped 500 gal 15% HCL					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>47</u>		Max pressure during treatment (psi): <u>200</u>			
Total gas used in treatment (mcf): <u>0</u>		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>12</u>		Number of staged intervals: <u>1</u>			
Recycled water used in treatment (bbl): <u>0</u>		Flowback volume recovered (bbl): <u>87</u>			
Fresh water used in treatment (bbl): <u>35</u>		Disposition method for flowback: <u>DISPOSAL</u>			
Total proppant used (lbs): _____		Rule 805 green completion techniques were utilized: <input type="checkbox"/>			
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
Date: <u>09/03/2013</u>	Hours: <u>4</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>87</u>	
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>300</u>	GOR: <u>0</u>	
Test Method: <u>swab</u>	Casing PSI: <u>0</u>	Tubing PSI: <u>0</u>	Choke Size: _____		
Gas Disposition: _____	Gas Type: _____	Btu Gas: <u>0</u>	API Gravity Oil: <u>0</u>		
Tubing Size: <u>2 + 7/8</u>	Tubing Setting Depth: <u>5500</u>	Tbg setting date: <u>09/03/2013</u>	Packer Depth: _____		
Reason for Non-Production: Dry, no hydrocarbon					
Date formation Abandoned: <u>09/04/2013</u>	Squeeze: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: <u>5465</u>	** Sacks cement on top: <u>2</u>	** Wireline and Cement Job Summary must be attached.			

FORMATION: SHAWNEE Status: TEMPORARILY ABANDONED Treatment Type: _____
Treatment Date: 01/02/2014 End Date: 01/02/2014 Date of First Production this formation: _____
Perforations Top: 4067 Bottom: 4092 No. Holes: 30 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: 01/02/2014 Hours: 6 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 43
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 200 GOR: 0
Test Method: swab Casing PSI: 0 Tubing PSI: 0 Choke Size: _____
Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 0
Tubing Size: 2 + 7/8 Tubing Setting Depth: 4091 Tbg setting date: 01/02/2014 Packer Depth: _____

Reason for Non-Production: Salwater, no hydrocarbon.

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: <u>SPERGEN-OSAGE</u>		Status: <u>DRY AND ABANDONED</u>		Treatment Type: <u>ACID JOB</u>	
Treatment Date: <u>09/04/2013</u>		End Date: <u>09/04/2013</u>		Date of First Production this formation: _____	
Perforations	Top: <u>5414</u>	Bottom: <u>5419</u>	No. Holes: <u>20</u>	Hole size: <u>01/2</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Pumped 500 gal 15% HCL					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>46</u>		Max pressure during treatment (psi): <u>50</u>			
Total gas used in treatment (mcf): <u>0</u>		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>12</u>		Number of staged intervals: <u>1</u>			
Recycled water used in treatment (bbl): _____		Flowback volume recovered (bbl): <u>40</u>			
Fresh water used in treatment (bbl): <u>34</u>		Disposition method for flowback: <u>DISPOSAL</u>			
Total proppant used (lbs): _____		Rule 805 green completion techniques were utilized: <input type="checkbox"/>			
Reason why green completion not utilized: _____					
Fracture stimulations must be reported on FracFocus.org					
<u>Test Information:</u>					
Date: <u>09/04/2013</u>	Hours: <u>4</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>40</u>	
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>80</u>	GOR: <u>0</u>	
Test Method: <u>swab</u>	Casing PSI: <u>0</u>	Tubing PSI: <u>0</u>	Choke Size: _____		
Gas Disposition: _____	Gas Type: _____	Btu Gas: <u>0</u>	API Gravity Oil: <u>0</u>		
Tubing Size: <u>2 + 7/8</u>	Tubing Setting Depth: <u>5425</u>	Tbg setting date: <u>09/04/2013</u>	Packer Depth: _____		
Reason for Non-Production: Dry, no hydrocarbon					
Date formation Abandoned: <u>09/05/2013</u>	Squeeze: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: <u>5405</u>	** Sacks cement on top: <u>2</u>	** Wireline and Cement Job Summary must be attached.			

FORMATION: SPERGEN Status: DRY AND ABANDONED Treatment Type: ACID JOB
 Treatment Date: 09/05/2013 End Date: 09/05/2013 Date of First Production this formation: _____
 Perforations Top: 5364 Bottom: 5368 No. Holes: 16 Hole size: 01/2
 Provide a brief summary of the formation treatment: _____ Open Hole: ☐

Pumped 500 gal 15% HCL

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

Total fluid used in treatment (bbl): 46

Max pressure during treatment (psi): 120

Total gas used in treatment (mcf): 0

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: 1

Recycled water used in treatment (bbl): _____

Flowback volume recovered (bbl): 36

Fresh water used in treatment (bbl): 34

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: 09/05/2013 Hours: 5 Bbl oil: 1 Mcf Gas: 0 Bbl H2O: 34

Calculated 24 hour rate: Bbl oil: 2 Mcf Gas: 0 Bbl H2O: 70 GOR: 0

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

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

Tubing Size: 2 + 7/8 Tubing Setting Depth: 5380 Tbg setting date: 09/05/2013 Packer Depth: _____

Reason for Non-Production: Poor inflow, tight rock

Date formation Abandoned: 09/06/2013 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 5320 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

Comment:

The Moyer passed a State Witnessed MIT on 1/02/14 with the packer set above the perforations at 4026'. Pronghorn Operating plans to TA the wellbore to determine a plan forward for the well.

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: 3/12/2014 Email jakeflora@kfrcorp.com

Attachment Check List

Att Doc Num	Name
400570357	FORM 5A SUBMITTED
400570597	OTHER
400570601	WELLBORE DIAGRAM
400570607	WIRELINE JOB SUMMARY
400570609	WIRELINE JOB SUMMARY
400570631	WIRELINE JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Shawnee does not have bridge plug over it so its TA. Need form 7's for the Shawnee	3/4/2014 6:49:04 AM

Total: 1 comment(s)