

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:

401541328

Date Received:

02/09/2018

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: 10399  
2. Name of Operator: NIGHTHAWK PRODUCTION LLC  
3. Address: 1805 SHEA CENTER DR #290  
City: HIGHLANDS State: CO Zip: 80129  
4. Contact Name: Joyce Henkin  
Phone: (303) 407-9609  
Fax: (303) 407-8790  
Email: joycehenkin@nighthawkenergy.com

5. API Number 05-073-06361-00  
6. County: LINCOLN  
7. Well Name: Steamboat Hansen  
Well Number: 8-10  
8. Location: QtrQtr: SENE Section: 10 Township: 6S Range: 54W Meridian: 6  
9. Field Name: ARIKAREE CREEK Field Code: 2914

Completed Interval

FORMATION: SPERGEN Status: PRODUCING Treatment Type: ACID JOB  
Treatment Date: 01/16/2018 End Date: 01/19/2018 Date of First Production this formation: 11/07/2012  
Perforations Top: 8018 Bottom: 8065 No. Holes: 153 Hole size: 52/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Pumped 8,064 gallons 2% KCl with 1,848 gallons of additives and 148 bio balls.

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

Total fluid used in treatment (bbl): 236

Max pressure during treatment (psi): 1920

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): 44

Number of staged intervals:

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 153

Fresh water used in treatment (bbl): 192

Disposition method for flowback: DISPOSAL

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 01/20/2018 Hours: 24 Bbl oil: 51 Mcf Gas: 20 Bbl H2O: 248  
Calculated 24 hour rate: Bbl oil: 51 Mcf Gas: 20 Bbl H2O: 248 GOR: 392  
Test Method: Pumping Casing PSI: Tubing PSI: Choke Size:  
Gas Disposition: FLARED Gas Type: WET Btu Gas: 803 API Gravity Oil: 36  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 8172 Tbg setting date: 02/19/2018 Packer Depth: 7989

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:

Acidize SPGN - Producing

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Joyce Henkin

Title: Production Tech

Date: 2/9/2018

Email: joycehenkin@nighthawkenenergy.com

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### **Attachment Check List**

**Att Doc Num**

**Name**

401541328	FORM 5A SUBMITTED
401541397	OPERATIONS SUMMARY
401541400	WELLBORE DIAGRAM
401541403	NET PRESSURE CHART

Total Attach: 4 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)