

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:

400766472

Date Received:

02/10/2015

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: 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@nighthawkeneryg.com

5. API Number 05-073-06568-00  
6. County: LINCOLN  
7. Well Name: JOHN CRAIG  
Well Number: 4-2  
8. Location: QtrQtr: SWNW Section: 2 Township: 10S Range: 56W Meridian: 6  
9. Field Name: OLD HOMESTEAD Field Code: 60634

Completed Interval

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB  
Treatment Date: 12/18/2014 End Date: 01/08/2015 Date of First Production this formation: 01/10/2015  
Perforations Top: 7244 Bottom: 7346 No. Holes: 126 Hole size: 48/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Acidize with 1000 gallons of 15% HCL with additives. Displaced with 47 bbls of 2% KCL water (7,273 - 7,279)  
Acidize with 1000 gallons of 15% HCL with additives. Displaced with 60 bbls of 2% KCL water (7,244-7,251)

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

Total fluid used in treatment (bbl): 155 Max pressure during treatment (psi): 1510

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): 48 Number of staged intervals:

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 189

Fresh water used in treatment (bbl): 107 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](http://FracFocus.org)

Test Information:

Date: 01/05/2015 Hours: 24 Bbl oil: 3 Mcf Gas: 0 Bbl H2O: 96  
Calculated 24 hour rate: Bbl oil: 3 Mcf Gas: 0 Bbl H2O: 96 GOR: 0  
Test Method: swabbing Casing PSI: 0 Tubing PSI: Choke Size:  
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 38  
Tubing Size: 2 + 7/8 Tubing Setting Depth: 8021 Tbg setting date: 01/08/2015 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:

Formations now producing - Atoka  
Morrow  
Cherokee  
Marmaton

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: 2/10/2015 Email : joycehenkin@nighthawkenenergy.com

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400766472	FORM 5A SUBMITTED
400775778	WELLBORE DIAGRAM
400775781	WIRELINER JOB SUMMARY
400775783	WIRELINER JOB SUMMARY
400775784	OPERATIONS SUMMARY
400775802	WIRELINER JOB SUMMARY
400775803	OPERATIONS SUMMARY

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)