

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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 4. Contact Name: Harold Mayland 2. Name of Operator: NIGHTHAWK PRODUCTION LLC Phone: (303) 407-9604 3. Address: 1805 SHEA CENTER DR #290 City: HIGHLANDS State: CO Zip: 80129 Fax: (303) 407-8790

5. API Number 05-073-06413-00 6. County: LINCOLN 7. Well Name: JOHN CRAIG Well Number: 7-2 8. Location: QtrQtr: SWNE Section: 2 Township: 10S Range: 56W Meridian: 6 9. Field Name: OLD HOMESTEAD Field Code: 60634

Completed Interval

FORMATION: LANSING-KANSAS CITY Status: TEMPORARILY ABANDONED Treatment Type: ACID JOB

Treatment Date: 09/27/2012 End Date: 10/05/2012 Date of First Production this formation:

Perforations Top: 6838 Bottom: 6882 No. Holes: 72 Hole size: 52/100

Provide a brief summary of the formation treatment: Open Hole: [ ]

Acidize with 700 gals 15% HCL on 9/27/12 Acidize with 1100 gals 15% HCL on 10/5/12 Also set bridge plug at 6860' (9/27/2012)

This formation is commingled with another formation: [ ] Yes [X] No

Total fluid used in treatment (bbl): 175 Max pressure during treatment (psi): 500

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): 85 Number of staged intervals:

Recycled water used in treatment (bbl): 90 Flowback volume recovered (bbl): 170

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

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: 09/27/2012 Hours: 12 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 170

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 170 GOR:

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

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

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6817 Tbg setting date: 10/01/2012 Packer Depth:

Reason for Non-Production: All water, no oil

Date formation Abandoned: 10/05/2012 Squeeze: [ ] Yes [X] No If yes, number of sacks cmt

\*\* Bridge Plug Depth: 6810 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: MARMATON Status: TEMPORARILY ABANDONED Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: \_\_\_\_\_

Perforations Top: 7080 Bottom: 7160 No. Holes: 120 Hole size: 42/100

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

No treatment was completed on this formation. Also set bridge plug at 7135 (6/6/2012)

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: 06/06/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 25

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 25 GOR: \_\_\_\_\_

Test Method: Pumping Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: 0 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7110 Tbg setting date: 06/07/2012 Packer Depth: 7024

Reason for Non-Production: All water, no oil.

Date formation Abandoned: 09/26/2012 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 7000 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: WOLFCAMP Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 10/08/2012 End Date: 10/08/2012 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6046 Bottom: 6132 No. Holes: 121 Hole size: 44/100

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Acidize with 400 gals 15% HCL

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 46 Max pressure during treatment (psi): 1300

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): 13 Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): 33 Flowback volume recovered (bbl): 98

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: RECYCLE

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: 10/08/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 98

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 98 GOR: \_\_\_\_\_

Test Method: Pumping Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: 0 API Gravity Oil: 0

Tubing Size: 2 + 7/8 Tubing Setting Depth: 6100 Tbg setting date: 11/06/2012 Packer Depth: \_\_\_\_\_

Reason for Non-Production: All water, no oil

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:  
\_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: Mindy Obando

Title: Accounting Manager Date: 9/24/2013 Email mindyjoobando@nighthawkenenergy.com

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400484298	FORM 5A SUBMITTED
400484348	WELLBORE DIAGRAM
400484446	WIRELINER JOB SUMMARY
400484448	WIRELINER JOB SUMMARY
400484449	WIRELINER JOB SUMMARY
400484450	WIRELINER JOB SUMMARY
400484452	WIRELINER JOB SUMMARY
400484453	WIRELINER JOB SUMMARY
400484813	WIRELINER JOB SUMMARY
400484814	WIRELINER JOB SUMMARY

Total Attach: 10 Files

### General Comments

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

Total: 0 comment(s)