

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



DE	ET	OE	ES
----	----	----	----

Document Number: 400743832

Date Received:

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

5. API Number 05-073-06552-00 6. County: LINCOLN
 7. Well Name: BIG SKY Well Number: 5-11
 8. Location: QtrQtr: SWNW Section: 11 Township: 6S Range: 54W Meridian: 6
 9. Field Name: ARIKAREE CREEK Field Code: 2914

Completed Interval

FORMATION: LANSING-KANSAS CITY Status: TEMPORARILY ABANDONED Treatment Type: _____

Treatment Date: 12/02/2014 End Date: 12/15/2014 Date of First Production this formation: _____

Perforations Top: 7172 Bottom: 7180 No. Holes: 48 Hole size: 51/100

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

Perforated only and then squeezed - Formation no longer open

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: _____ Hours: _____ Bbl oil: _____ Mcf Gas: _____ Bbl H2O: _____

Calculated 24 hour rate: Bbl oil: _____ Mcf Gas: _____ Bbl H2O: _____ GOR: _____

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

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

Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production: Swab load 100% water - Squeezed with 40 sks and then drilled out from 7,164' - 7,197'
Note: 5 1/2" super retrievable bridge plug at bottom of well 8,227'

Date formation Abandoned: 12/05/2014 Squeeze: Yes No If yes, number of sacks cmt 40

** Bridge Plug Depth: 8227 ** Sacks cement on top: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB

Treatment Date: 11/14/2014 End Date: 12/01/2014 Date of First Production this formation: 12/19/2014

Perforations Top: 7218 Bottom: 7374 No. Holes: 174 Hole size: 48/100

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

Acidized with 600 gallons of 15% HCL with Ras 10, IC-75, CIA-161, SI-4 and ARG36 - and then additional 14 bbls of 15% HCL Displaced with 31 bbls of 2% KCL water. Perfs (7356-7361)

Acidized with 120 bbls of 15% HCL with Ras 10, (surfactant, anti-sludge) IC-75, (iron control) CIA, (corrosion/acid inhibitor) SI-4 (scale inhibitor) & AR-630 (clay stabilizer) displaced with 45 bbls of KCL water Perf's 7254-7274)

Acidized with 1200 gallons of 15% HCL with same above additives and displaced with 45 bbls of 2% KCL water(7218-7222)

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 342 Max pressure during treatment (psi): 2600

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): 176 Number of staged intervals: _____

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 360

Fresh water used in treatment (bbl): 166 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: 12/19/2014 Hours: 24 Bbl oil: 28 Mcf Gas: 30 Bbl H2O: 216

Calculated 24 hour rate: Bbl oil: 28 Mcf Gas: 30 Bbl H2O: 216 GOR: 1

Test Method: Pumping Casing PSI: 14 Tubing PSI: 60 Choke Size: _____

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 820 API Gravity Oil: 36

Tubing Size: 2 + 7/8 Tubing Setting Depth: 8189 Tbg setting date: 12/15/2014 Packer Depth: _____

Reason for Non-Production: Test information is commingled results with Spergen & Marmaton together.

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: Spergen & Marmaton - Producing formations

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: _____ Email joycehenkin@nighthawkenergy.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400743907	WIRELINE JOB SUMMARY
400743908	OPERATIONS SUMMARY
400743909	WIRELINE JOB SUMMARY
400743910	OPERATIONS SUMMARY
400743911	OPERATIONS SUMMARY
400743912	WIRELINE JOB SUMMARY
400743914	OPERATIONS SUMMARY
400776184	WIRELINE JOB SUMMARY
400776186	CEMENT JOB SUMMARY
400776187	CEMENT JOB SUMMARY
400776188	CEMENT JOB SUMMARY
400776192	WELLBORE DIAGRAM

Total Attach: 12 Files

General Comments

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

Total: 0 comment(s)