

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:

400453237

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
2. Name of Operator: NIGHTHAWK PRODUCTION LLC
3. Address: 1805 SHEA CENTER DR #290
City: HIGHLANDS State: CO Zip: 80129
4. Contact Name: Mindy Obando
Phone: (303) 407-9605
Fax: (303) 407-8790

5. API Number 05-073-06480-00
6. County: LINCOLN
7. Well Name: Knoss
Well Number: 6-21
8. Location: QtrQtr: SENW Section: 21 Township: 12S Range: 56W Meridian: 6
9. Field Name: WILDCAT Field Code: 99999

Completed Interval

FORMATION: CHEROKEE Status: PRODUCING Treatment Type: ACID JOB
Treatment Date: 08/01/2013 End Date: 08/01/2013 Date of First Production this formation: 12/19/2012
Perforations Top: 7408 Bottom: 74102 No. Holes: 16 Hole size: 52/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Acidize with 400 gals 15% HCL on 8/1/13
Acidize with 1000 gals 15% HCL on 8/5/13

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

Total fluid used in treatment (bbl): 158 Max pressure during treatment (psi): 600
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): 64 Number of staged intervals:
Recycled water used in treatment (bbl): 94 Flowback volume recovered (bbl): 138
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: 08/06/2013 Hours: 24 Bbl oil: 24 Mcf Gas: 0 Bbl H2O: 80
Calculated 24 hour rate: Bbl oil: 24 Mcf Gas: 0 Bbl H2O: 80 GOR:
Test Method: Pumping Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 34
Tubing Size: 2 + 7/8 Tubing Setting Depth: 7477 Tbg setting date: 08/07/2013 Packer Depth:

Reason for Non-Production:

Date formation Abandoned: 07/24/2013 Squeeze: ☒ Yes ☐ No If yes, number of sacks cmt 38

** Bridge Plug Depth: ** Sacks cement on top: ** 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: 7274 Bottom: 7304 No. Holes: 84 Hole size: 52/100
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

No treatment completed on this formation.

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: 06/14/2013 Hours: 24 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 157
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 157 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: 7228 Tbg setting date: 06/11/2013 Packer Depth: 7223

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

Date formation Abandoned: 07/24/2013 Squeeze: ☒ Yes ☐ No If yes, number of sacks cmt 37

** Bridge Plug Depth: 7282 ** Sacks cement on top: _____ ** Wireline and Cement Job Summary must be attached.

Comment:

As you can see the Cherokee formation perms from 7,408 to 7,412 are currently producing. The abandonment of the Cherokee that was squeezed was 7,320 to 7,370. You will see this on the wellbore drawing attached.

Please let us know if you have any questions.

Thanks!

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: _____ Email: mindyjoobando@nighthawkenenergy.com

Attachment Check List

Att Doc Num	Name
400485263	WIRELINE JOB SUMMARY
400485269	WIRELINE JOB SUMMARY
400485494	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)