

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:

400598874

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: Joyce Henkin
Phone: (303) 407-9609
Fax: (303) 407-8790
Email: joycehenkin@nighthawkenergy.com

5. API Number 05-073-06567-00
6. County: LINCOLN
7. Well Name: JOHN CRAIG
Well Number: 10-10
8. Location: QtrQtr: NWSE Section: 10 Township: 10S Range: 56W Meridian: 6
9. Field Name: OLD HOMESTEAD Field Code: 60634

Completed Interval

FORMATION: CHEROKEE Status: DRY AND ABANDONED Treatment Type: ACID JOB
Treatment Date: 06/10/2014 End Date: 06/16/2014 Date of First Production this formation:
Perforations Top: 7461 Bottom: 7465 No. Holes: 16 Hole size: 43/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Acidized with 600 gallons of 15% HCl with additives.
Flush with 60 bbls of 2% KCl water

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

Total fluid used in treatment (bbl): 74

Max pressure during treatment (psi): 2500

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl): 14

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 115

Fresh water used in treatment (bbl): 60

Disposition method for flowback: DISPOSAL

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: All water - Set WRBP at 7,450' final depth - No cement

Date formation Abandoned: 06/17/2014 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

** Bridge Plug Depth: 7450 ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB
Treatment Date: 05/29/2014 End Date: 06/17/2014 Date of First Production this formation: 06/28/2014
Perforations Top: 7302 Bottom: 8144 No. Holes: 112 Hole size: 43/100
Provide a brief summary of the formation treatment: _____ Open Hole: ☐

Acidized with 50 bbls of 15% HCl with additives.
Dropped 60 bio balls
Pumped 90 bbls displacement of 2% KCl water
Perf'd 7,302' - 7,308' - 8,078'-8,084' - 8,090'-8,094' - 8,126'-8,144'

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

Total fluid used in treatment (bbl): 140 Max pressure during treatment (psi): 2450
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____ Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): 50 Number of staged intervals: _____
Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 355
Fresh water used in treatment (bbl): 90 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 0 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/28/2014 Hours: 24 Bbl oil: 151 Mcf Gas: 0 Bbl H2O: 30
Calculated 24 hour rate: Bbl oil: 151 Mcf Gas: 0 Bbl H2O: 30 GOR: 0
Test Method: Pumping Casing PSI: 43 Tubing PSI: 25 Choke Size: _____
Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 37
Tubing Size: 2 + 7/8 Tubing Setting Depth: 7362 Tbg setting date: 06/18/2014 Packer Depth: _____

Reason for Non-Production: WRBP set @ 7,450'

Date formation Abandoned: _____ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

** Bridge Plug Depth: 7450 ** 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: Joyce Henkin
Title: Production Tech Date: _____ Email joycehenkin@nighthawkenenergy.com

Attachment Check List

Att Doc Num	Name
400621335	WIRELINE JOB SUMMARY
400621339	OPERATIONS SUMMARY
400621342	WIRELINE JOB SUMMARY
400627702	WIRELINE JOB SUMMARY
400627703	WIRELINE JOB SUMMARY
400632438	OPERATIONS SUMMARY
400632439	WIRELINE JOB SUMMARY

Total Attach: 7 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)