

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:

400614834

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 05-073-06568-00
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: ATOKA Status: PRODUCING Treatment Type: ACID JOB
Treatment Date: 06/30/2014 End Date: 07/07/2014 Date of First Production this formation: 07/14/2014
Perforations Top: 7690 Bottom: 7740 No. Holes: 200 Hole size: 44/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Pumped 119 bbls of 15% HCL with additives, dropped 160 1.1 SG biodegradable balls. Displaced with 45 bbls of 4% KCl water.

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

Total fluid used in treatment (bbl): 164	Max pressure during treatment (psi): 4100
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): 119	Number of staged intervals:
Recycled water used in treatment (bbl): 45	Flowback volume recovered (bbl): 162
Fresh water used in treatment (bbl): 0	Disposition method for flowback: RECYCLE
Total proppant used (lbs): 0	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/13/2014	Hours: 24	Bbl oil: 42	Mcf Gas: 0	Bbl H2O: 117
Calculated 24 hour rate:	Bbl oil: 42	Mcf Gas: 0	Bbl H2O: 117	GOR: 0
Test Method: pumping	Casing PSI: 48	Tubing PSI: 36	Choke Size:	
Gas Disposition:	Gas Type:	Btu Gas: 0	API Gravity Oil: 37	
Tubing Size: 2 + 7/8	Tubing Setting Depth: 8025	Tbg setting date: 07/07/2014	Packer Depth: 7656	

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.

FORMATION: MORROW Status: PRODUCING Treatment Type: ACID JOB
Treatment Date: 06/18/2014 End Date: 07/07/2014 Date of First Production this formation: 07/13/2014
Perforations Top: 7914 Bottom: 7940 No. Holes: 40 Hole size: 44/100
Provide a brief summary of the formation treatment: Open Hole: ☐

Pump 38.4 bbls of 7.5% HCL with 107 bbls of crude displacement
Also pumped 26 bbls of 12-3% HF acid with inhibitors- displaced with addtl 75 bbls of crude and 14 bbls of 6% KCL

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

Total fluid used in treatment (bbl): 246 Max pressure during treatment (psi): 4500
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): 64 Number of staged intervals:
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 42
Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE
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: 07/14/2014 Hours: 24 Bbl oil: 42 Mcf Gas: 0 Bbl H2O: 117
Calculated 24 hour rate: Bbl oil: 42 Mcf Gas: 0 Bbl H2O: 117 GOR: 0
Test Method: pumping Casing PSI: 48 Tubing PSI: 36 Choke Size:
Gas Disposition: Gas Type: Btu Gas: 0 API Gravity Oil: 37
Tubing Size: 2 + 7/8 Tubing Setting Depth: 8025 Tbg setting date: 07/07/2014 Packer Depth: 7875

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:

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
400632441	WIRELINE JOB SUMMARY
400632442	OPERATIONS SUMMARY
400632443	WIRELINE JOB SUMMARY
400655165	OPERATIONS SUMMARY
400655168	OPERATIONS SUMMARY
400655169	WIRELINE JOB SUMMARY
400655170	OPERATIONS SUMMARY
400655314	WELLBORE DIAGRAM

Total Attach: 8 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)