

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:

400724865

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 05-073-06610-00	6. County: LINCOLN
7. Well Name: BLACKCOMB	Well Number: 12-14
8. Location: QtrQtr: NWSW Section: 14 Township: 6S Range: 54W Meridian: 6	
9. Field Name: ARIKAREE CREEK	Field Code: 2914

Completed Interval

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB
Treatment Date: 10/28/2014 End Date: 12/16/2014 Date of First Production this formation: 12/17/2014
Perforations Top: 7220 Bottom: 7228 No. Holes: 168 Hole size: 48/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

Acidize with 2,000 gallons of 15% HCL and 44 bbls of 2% KCL water
Squeezed initial perms of 7,316' - 7,326'
Re-perf'd 7,316' - 7,326'
Acidized with 2,500 gallons of 15% HCL and displaced with 50 bbls of 2% KCI-Squeezed again and closed perms
Perf'd 7220-7228 Acidized with 29 bbls of 15% HCL displaced with 51 bbls of 2% KCI water

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

Total fluid used in treatment (bbl): 281

Max pressure during treatment (psi): 1800

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): 136

Number of staged intervals: _____

Recycled water used in treatment (bbl): _____

Flowback volume recovered (bbl): 243

Fresh water used in treatment (bbl): 145

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: 12/17/2014 Hours: 24 Bbl oil: 28 Mcf Gas: 0 Bbl H2O: 175
Calculated 24 hour rate: Bbl oil: 28 Mcf Gas: 0 Bbl H2O: 175 GOR: 0
Test Method: pumping Casing PSI: 22 Tubing PSI: 45 Choke Size: _____
Gas Disposition: _____ Gas Type: _____ Btu Gas: 0 API Gravity Oil: 38
Tubing Size: 2 + 7/8 Tubing Setting Depth: 8113 Tbg setting date: 12/12/2014 Packer Depth: 7178

Reason for Non-Production: Squeezed interval twice 40 sks each time 7,316' - 7,326' Closed those perms
Production is from 7,220' - 7,228'

Date formation Abandoned: _____ Squeeze: ☒ Yes ☐ No If yes, number of sacks cmt 80

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

Comment:

Spergen & Marmaton now producing

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

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Attachment Check List

Att Doc Num**Name**

400724866	OPERATIONS SUMMARY
400724868	WIRELINER JOB SUMMARY
400743790	CEMENT JOB SUMMARY
400743792	CEMENT JOB SUMMARY
400743798	WIRELINER JOB SUMMARY
400743804	CEMENT JOB SUMMARY
400743810	OPERATIONS SUMMARY
400743815	WIRELINER JOB SUMMARY
400743820	OPERATIONS SUMMARY
400743823	CEMENT JOB SUMMARY
400766047	WIRELINER JOB SUMMARY
400766049	OPERATIONS SUMMARY
400766051	OPERATIONS SUMMARY
400766073	WELLBORE DIAGRAM

Total Attach: 14 Files

General Comments

User Group**Comment****Comment Date**

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Total: 0 comment(s)