

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:
400758108

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: <u>10399</u>	4. Contact Name: <u>Joyce Henkin</u>
2. Name of Operator: <u>NIGHTHAWK PRODUCTION LLC</u>	Phone: <u>(303) 407-9609</u>
3. Address: <u>1805 SHEA CENTER DR #290</u>	Fax: <u>(303) 407-8790</u>
City: <u>HIGHLANDS</u> State: <u>CO</u> Zip: <u>80129</u>	Email: <u>joycehenkin@nighthawkenergy.com</u>

5. API Number <u>05-073-06637-00</u>	6. County: <u>LINCOLN</u>
7. Well Name: <u>SNOW KING</u>	Well Number: <u>9-32</u>
8. Location: QtrQtr: <u>NESE</u> Section: <u>32</u> Township: <u>6S</u> Range: <u>54W</u> Meridian: <u>6</u>	
9. Field Name: <u>ARIKAREE CREEK</u> Field Code: <u>2914</u>	

Completed Interval

FORMATION: MARMATON Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 01/20/2015 End Date: 02/19/2015 Date of First Production this formation: 03/09/2015

Perforations Top: 7358 Bottom: 7488 No. Holes: 168 Hole size: 42/100

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

Acidized with 1000 gallons (24 bbls) of 15% HCl with additives and displaced with 50 bbls of 2% KCl water 7,482'-7,488'

Acidize with 2000 gallons (48 bbls) of 15% HCL with additives. Displaced with 100 bbls of 2% KCl water 7,458'-7,464'

Acidize with 2,000 gallons (48 bbls) of 15% acidic with CAS 97. Displaced with 50 bbls of 2% KCl 7,358'-7,374'

Acidize with 2,500 gallons (60bbls) of 7 1/2% acididic acid followed by 1,000 gal of MS-10 (mutual solvent) and displaced with 45 bbls of 2% KCl water

Acidize with 216 bbls of 20% HCL with additives and displaced with 137 bbls of 2% KCL with B-170 biocide & SI-4

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 565 Max pressure during treatment (psi): 2390

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): 396 Number of staged intervals: _____

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 565

Fresh water used in treatment (bbl): 332 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: 03/09/2015 Hours: 24 Bbl oil: 67 Mcf Gas: 77 Bbl H2O: 266

Calculated 24 hour rate: Bbl oil: 67 Mcf Gas: 77 Bbl H2O: 266 GOR: 870

Test Method: Pumping Casing PSI: 35 Tubing PSI: 60 Choke Size: _____

Gas Disposition: FLARED Gas Type: WET Btu Gas: 921 API Gravity Oil: 38

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7564 Tbg setting date: 02/26/2015 Packer Depth: _____

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: SPERGEN Status: PLUGGED AND ABANDONED Treatment Type: _____

Treatment Date: 01/15/2015 End Date: 01/17/2015 Date of First Production this formation: _____

Perforations Top: 8304 Bottom: 8328 No. Holes: 84 Hole size: 48/100

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

(8320-8328)
(8304-8310) Perf'd only

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: All water-Abandoned

Date formation Abandoned: 01/20/2015 Squeeze: Yes No If yes, number of sacks cmt _____

** Bridge Plug Depth: 8100 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: WOLFCAMP Status: SHUT IN Treatment Type: ACID JOB

Treatment Date: 03/30/2015 End Date: 04/07/2015 Date of First Production this formation:

Perforations Top: 6406 Bottom: 6416 No. Holes: 60 Hole size: 45/100

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

Acidize with 1500 gallons (36 bbls) of 15% HCl with additives and displaced with 50 bbls of 2% KCL

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 86 Max pressure during treatment (psi): 1150

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): 36 Number of staged intervals:

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 131

Fresh water used in treatment (bbl): 50 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:

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:

Planning on shutting in well. No significant production

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>
400788592	WIRELINER JOB SUMMARY
400788594	WIRELINER JOB SUMMARY
400788601	WIRELINER JOB SUMMARY
400788605	OPERATIONS SUMMARY
400788609	OPERATIONS SUMMARY
400788611	OPERATIONS SUMMARY
400788942	WIRELINER JOB SUMMARY
400788945	WIRELINER JOB SUMMARY
400788947	OPERATIONS SUMMARY
400793856	OPERATIONS SUMMARY
400805615	OPERATIONS SUMMARY
400822466	OPERATIONS SUMMARY
400822470	OPERATIONS SUMMARY
400822488	WIRELINER JOB SUMMARY
400833461	WELLBORE DIAGRAM

Total Attach: 15 Files

General Comments

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

Total: 0 comment(s)