

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		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
COMPLETED INTERVAL REPORT			Document Number: 400697714 Date Received:				
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> 2. Name of Operator: <u>NIGHTHAWK PRODUCTION LLC</u> 3. Address: <u>1805 SHEA CENTER DR #290</u> City: <u>HIGHLANDS</u> State: <u>CO</u> Zip: <u>80129</u>	4. Contact Name: <u>Joyce Henkin</u> Phone: <u>(303) 407-9609</u> Fax: <u>(303) 407-8790</u> Email: <u>joycehenkin@nighthawkenergy.com</u>
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5. API Number <u>05-121-11045-00</u> 7. Well Name: <u>SALEN</u> 8. Location: QtrQtr: <u>SESW</u> Section: <u>35</u> Township: <u>5S</u> 9. Field Name: <u>WILDCAT</u> Field Code: <u>99999</u>	6. County: <u>WASHINGTON</u> Well Number: <u>14-35</u> Range: <u>54W</u> Meridian: <u>6</u>
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Completed Interval

FORMATION: <u>CHEROKEE</u>	Status: <u>PRODUCING</u>	Treatment Type: <u>ACID JOB</u>
Treatment Date: <u>10/10/2014</u>	End Date: <u>10/14/2014</u>	Date of First Production this formation: <u>10/30/2014</u>
Perforations Top: <u>7426</u>	Bottom: <u>7429</u>	No. Holes: <u>18</u> Hole size: <u>48/100</u>
Provide a brief summary of the formation treatment: Open Hole: <input type="checkbox"/>		
Acidized with 500 gallons of 7.5% acetic acid with additives and 45 bbls of KCl water Acideized with 500 gallons of 15% HCl with additives and 49 bbls of 2% KCl water		
This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>118</u>	Max pressure during treatment (psi): <u>1700</u>	
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): <u>24</u>	Number of staged intervals: _____	
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): <u>155</u>	
Fresh water used in treatment (bbl): <u>94</u>	Disposition method for flowback: <u>DISPOSAL</u>	
Total proppant used (lbs): _____	Rule 805 green completion techniques were utilized: <input type="checkbox"/>	
Reason why green completion not utilized: <u>PIPELINE</u>		

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: <u>10/31/2014</u>	Hours: <u>24</u>	Bbl oil: <u>407</u>	Mcf Gas: <u>19</u>	Bbl H2O: <u>0</u>
Calculated 24 hour rate:	Bbl oil: <u>407</u>	Mcf Gas: <u>19</u>	Bbl H2O: <u>0</u>	GOR: <u>47</u>
Test Method: <u>Swabbing</u>	Casing PSI: <u>0</u>	Tubing PSI: <u>72</u>	Choke Size: _____	
Gas Disposition: <u>FLARED</u>	Gas Type: <u>DRY</u>	Btu Gas: <u>1481</u>	API Gravity Oil: <u>39</u>	
Tubing Size: <u>2 + 7/8</u>	Tubing Setting Depth: <u>7416</u>	Tbg setting date: <u>10/10/2014</u>	Packer Depth: <u>7397</u>	
Reason for Non-Production: 				
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____		
** Bridge Plug Depth: _____	** Sacks cement on top: _____	** Wireline and Cement Job Summary must be attached.		

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB

Treatment Date: 10/16/2014 End Date: 10/14/2014 Date of First Production this formation: 10/31/2014

Perforations Top: 7228 Bottom: 7234 No. Holes: 36 Hole size: 41/100

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

Acidize with 22 bbls of 15% HCL with additives and 51 bbls of 2% KCl water

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 73 Max pressure during treatment (psi): 1000

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): 22 Number of staged intervals:

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 113

Fresh water used in treatment (bbl): 51 Disposition method for flowback: RECYCLE

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: 10/31/2014 Hours: 24 Bbl oil: 407 Mcf Gas: 19 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 407 Mcf Gas: 19 Bbl H2O: 0 GOR: 47

Test Method: swabbing Casing PSI: Tubing PSI: 75 Choke Size:

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1481 API Gravity Oil: 39

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7480 Tbg setting date: 10/21/2014 Packer Depth: 7205

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: ACID JOB

Treatment Date: 10/05/2014 End Date: 10/07/2014 Date of First Production this formation:

Perforations Top: 8072 Bottom: 8124 No. Holes: 108 Hole size: 48/100

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

Simpson is also included in this formation but not a combo choice available.
Perf'd 8,114' - 8,124' & 8,072' - 8,080'
Acidized with 30 bbls of 7.5% HCL with inhibitors loading hole Switched to 63 bbls of 2% KCl water flush

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 93 Max pressure during treatment (psi): 2600

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): 30 Number of staged intervals:

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 163

Fresh water used in treatment (bbl): 63 Disposition method for flowback: RECYCLE

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: 2 + 7/8 Tubing Setting Depth: 8067 Tbg setting date: 10/07/2014 Packer Depth: 8051

Reason for Non-Production: Fluid entry only water - Recovered all of acid load and formation water

Date formation Abandoned: 10/10/2014 Squeeze: Yes No If yes, number of sacks cmt

** Bridge Plug Depth: 8060 ** Sacks cement on top: 2 ** 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@nighthawkenery.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400724696	WIRELINE JOB SUMMARY
400724701	WIRELINE JOB SUMMARY
400724704	OPERATIONS SUMMARY
400724705	WIRELINE JOB SUMMARY
400724708	OPERATIONS SUMMARY
400724710	OPERATIONS SUMMARY
400724712	WIRELINE JOB SUMMARY
400724714	OPERATIONS SUMMARY
400757966	WELLBORE DIAGRAM

Total Attach: 9 Files

General Comments

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

Total: 0 comment(s)