

**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



DE	ET	OE	ES
----	----	----	----

Document Number:  
400445533

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>Mindy Obando</u>
2. Name of Operator: <u>NIGHTHAWK PRODUCTION LLC</u>	Phone: <u>(303) 407-9605</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>	

5. API Number <u>05-073-06478-00</u>	6. County: <u>LINCOLN</u>
7. Well Name: <u>Pikes Peak Williams</u>	Well Number: <u>4-30</u>
8. Location: QtrQtr: <u>NWNW</u> Section: <u>30</u> Township: <u>13S</u> Range: <u>55W</u> Meridian: <u>6</u>	
9. Field Name: <u>BOLERO</u> Field Code: <u>7153</u>	

**Completed Interval**

FORMATION: CHEROKEE Status: ABANDONED WELLBORE/COMPLETION Treatment Type: ACID JOB

Treatment Date: 10/10/2012 End Date: 04/03/2013 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6690 Bottom: 6798 No. Holes: 108 Hole size: 21/50

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

Acidize 6794-6798' w/400 gal 15% MCA on 10/10/12  
 Acidize 6723-6739' w/1600 gal 15% MCA on 10/11/12  
 Acidize 6723-6739' w/1000 gal 15% MCA on 10/15/12  
 Acidize 6690-6697' w/700 gal 15% MCA on 10/17/12  
 Acidize 6690-6697' w/4200 gal 15% HCL on 4/3/13

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): <u>425</u>	Max pressure during treatment (psi): <u>2000</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>0.00</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.00</u>
Total acid used in treatment (bbl): <u>189</u>	Number of staged intervals: <u>0</u>
Recycled water used in treatment (bbl): <u>236</u>	Flowback volume recovered (bbl): <u>308</u>
Fresh water used in treatment (bbl): <u>0</u>	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>0</u>	Rule 805 green completion techniques were utilized: <input type="checkbox"/>

Reason why green completion not utilized: PIPELINE

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: <u>04/03/2013</u>	Hours: <u>8</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>119</u>
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>181</u>	GOR: _____
Test Method: <u>Pumping</u>	Casing PSI: <u>900</u>	Tubing PSI: <u>900</u>	Choke Size: _____	
Gas Disposition: _____	Gas Type: _____	Btu Gas: <u>0</u>	API Gravity Oil: <u>0</u>	
Tubing Size: <u>2 + 7/8</u>	Tubing Setting Depth: <u>6677</u>	Tbg setting date: <u>04/02/2013</u>	Packer Depth: <u>6620</u>	

Reason for Non-Production: All water production, no oil.

Date formation Abandoned: 06/17/2013 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 6680 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: MARMATON Status: SHUT IN Treatment Type: ACID JOB  
 Treatment Date: 06/17/2013 End Date: 06/19/2013 Date of First Production this formation: \_\_\_\_\_  
 Perforations Top: 6626 Bottom: 6632 No. Holes: 24 Hole size: 21/50

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

Acidize 6626-6632' w/600 gal 15% HCL on 6/18/13  
 Acidize 6626-6632' w/600 gal 15% emulsified acid and flushed w/84 bbls KCL on 6/19/13

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 148 Max pressure during treatment (psi): 400  
 Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 0.00  
 Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.00  
 Total acid used in treatment (bbl): 128 Number of staged intervals: 0  
 Recycled water used in treatment (bbl): 20 Flowback volume recovered (bbl): 140  
 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: PIPELINE

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 06/20/2013 Hours: 10 Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 152  
 Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 0 Bbl H2O: 250 GOR: \_\_\_\_\_  
 Test Method: Pumping Casing PSI: 400 Tubing PSI: 400 Choke Size: \_\_\_\_\_  
 Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: 0 API Gravity Oil: 0  
 Tubing Size: 2 + 7/8 Tubing Setting Depth: 6579 Tbg setting date: 06/17/2013 Packer Depth: 6579

Reason for Non-Production: Well only making water, no oil.

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: Mindy Obando  
 Title: Accounting Manager Date: \_\_\_\_\_ Email: mindyjoobando@nighthawkenenergy.com

**Attachment Check List**

Att Doc Num	Name
400446114	WIRELINE JOB SUMMARY
400446159	WIRELINE JOB SUMMARY
400446160	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)