

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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 City: HIGHLANDS State: CO Zip: 80129 Fax: (303) 407-8790 Email: joycehenkin@nighthawkenergy.com

5. API Number 05-073-06563-00 6. County: LINCOLN
7. Well Name: JOHN CRAIG Well Number: 2-2
8. Location: QtrQtr: Lot 2 Section: 2 Township: 10S Range: 56W Meridian: 6
9. Field Name: OLD HOMESTEAD Field Code: 60634

Completed Interval

FORMATION: CHEROKEE Status: PRODUCING Treatment Type: ACID JOB

Treatment Date: 07/23/2014 End Date: 07/24/2014 Date of First Production this formation: 08/09/2014

Perforations Top: 7288 Bottom: 7302 No. Holes: 40 Hole size: 44/100

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

Acidize with 36 bbls of 15% HCl and displaced with 50 bbls of 2% KCL water

This formation is commingled with another formation: [X] Yes [] No

Total fluid used in treatment (bbl): 86 Max pressure during treatment (psi): 750

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): 36 Number of staged intervals:

Recycled water used in treatment (bbl): 50 Flowback volume recovered (bbl): 77

Fresh water used in treatment (bbl): 0 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 0 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 08/10/2014 Hours: 24 Bbl oil: 28 Mcf Gas: 38 Bbl H2O: 2

Calculated 24 hour rate: Bbl oil: 28 Mcf Gas: 38 Bbl H2O: 242 GOR: 1357

Test Method: Pumping Casing PSI: 68 Tubing PSI: 70 Choke Size:

Gas Disposition: VENTED Gas Type: WET Btu Gas: 1116 API Gravity Oil: 43

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7363 Tbg setting date: 08/06/2014 Packer Depth: 7205

Reason for Non-Production:

Date formation Abandoned: Squeeze: [] Yes [] No If yes, number of sacks cmt

** Bridge Plug Depth: 7985 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: MORROW Status: TEMPORARILY ABANDONED Treatment Type: ACID JOB

Treatment Date: 06/03/2014 End Date: 07/22/2014 Date of First Production this formation: 06/24/2014

Perforations Top: 7800 Bottom: 7912 No. Holes: 136 Hole size: 1/44

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

Perf'd 7,800' - 7,810' & 7,836' - 7,848' 7,902' - 7,912'
Acidize with 26 bbls of 7 1/2% HCl and displace with 130 bbls of lease crude. (Recovered 134 bbls of lease crude)
Acidized again with 43 bbls of 7 1/2% HCl and displaced with 50 bbls of lease crude and 6 bbls of water to flush lines (recovered 55 bbls of lease crude)

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 75 Max pressure during treatment (psi): 3000

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): 69 Number of staged intervals:

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 162

Fresh water used in treatment (bbl): 6 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: 06/24/2014 Hours: 24 Bbl oil: 223 Mcf Gas: 0 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 223 Mcf Gas: 0 Bbl H2O: 0 GOR: 0

Test Method: Flowback Casing PSI: 50 Tubing PSI: 2100 Choke Size:

Gas Disposition: FLARED Gas Type: WET Btu Gas: 1116 API Gravity Oil: 43

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production: Bridge plug set to isolate the Lower Morrow - Gas production was flared and production was too much to produce with no infrastructure in place.
Formation will be TA until it is determined to justify the infrastructure. 19129 MCF gas produced in 7/2014

Date formation Abandoned: 07/23/2014 Squeeze: Yes No If yes, number of sacks cmt 50

** Bridge Plug Depth: 7780 ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

FORMATION: MARMATON Status: PRODUCING Treatment Type: ACID JOB

Treatment Date: 07/25/2014 End Date: 08/05/2014 Date of First Production this formation: 08/09/2014

Perforations Top: 7230 Bottom: 7268 No. Holes: 61 Hole size: 44/100

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

3 shots did not fire - Acidized with 46 bbls of 15% HCL with additives. Displaced with 52 bbls of 2% KCL (10 bbls into formation)

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 108 Max pressure during treatment (psi): 510

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): 46 Number of staged intervals: _____

Recycled water used in treatment (bbl): 62 Flowback volume recovered (bbl): 335

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: 08/10/2014 Hours: 24 Bbl oil: 28 Mcf Gas: 38 Bbl H2O: 242

Calculated 24 hour rate: Bbl oil: 28 Mcf Gas: 38 Bbl H2O: 242 GOR: 1357

Test Method: Pumping Casing PSI: 68 Tubing PSI: 70 Choke Size: _____

Gas Disposition: FLARED Gas Type: WET Btu Gas: 1116 API Gravity Oil: 43

Tubing Size: 2 + 7/8 Tubing Setting Depth: 7363 Tbg setting date: 08/06/2014 Packer Depth: 7205

Reason for Non-Production: _____

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

** Bridge Plug Depth: 7985 ** Sacks cement on top: 2 ** Wireline and Cement Job Summary must be attached.

FORMATION: MISSISSIPPIAN Status: DRY AND ABANDONED Treatment Type: ACID JOB

Treatment Date: 05/15/2014 End Date: 05/27/2014 Date of First Production this formation: _____

Perforations Top: 7992 Bottom: 8030 No. Holes: 152 Hole size: 1/44

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

Acidize with 4,000 gallon of 15% HCl, 175 bio-balls sealers displaced with 70 bbls of 2% KCl water,

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 166 Max pressure during treatment (psi): 3200

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): 96 Number of staged intervals: _____

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 159

Fresh water used in treatment (bbl): 70 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: _____ 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 - No oil
Performed 2nd squeeze at 7,840'. CBL stated that cement was poor in this area. 25 additional sks
loaded from
7,781' - 7,621'

Date formation Abandoned: 06/03/2014 Squeeze: Yes No If yes, number of sacks cmt 75

** Bridge Plug Depth: 7985 ** 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@nighthawkenergy.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400621305	WIRELINE JOB SUMMARY
400621307	WIRELINE JOB SUMMARY
400621308	OPERATIONS SUMMARY
400621313	CEMENT JOB SUMMARY
400621318	CEMENT JOB SUMMARY
400621320	WIRELINE JOB SUMMARY
400621322	WIRELINE JOB SUMMARY
400621323	WIRELINE JOB SUMMARY
400621325	WIRELINE JOB SUMMARY
400621327	WIRELINE JOB SUMMARY
400621328	OPERATIONS SUMMARY
400632444	OPERATIONS SUMMARY
400632446	WIRELINE JOB SUMMARY
400649908	WIRELINE JOB SUMMARY
400649909	OPERATIONS SUMMARY
400649910	CEMENT JOB SUMMARY
400649911	OPERATIONS SUMMARY
400649912	WIRELINE JOB SUMMARY
400649914	OPERATIONS SUMMARY
400649915	OPERATIONS SUMMARY
400649916	WIRELINE JOB SUMMARY
400655391	OPERATIONS SUMMARY
400655392	WIRELINE JOB SUMMARY
400655394	OPERATIONS SUMMARY
400655397	WIRELINE JOB SUMMARY
400655400	OPERATIONS SUMMARY
400662534	CEMENT JOB SUMMARY
400662544	WELLBORE DIAGRAM

Total Attach: 28 Files

General Comments

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

Total: 0 comment(s)