

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:

400981233

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: 10142  
2. Name of Operator: MID-CON ENERGY OPERATING LLC  
3. Address: 2431 E 61ST ST STE 850  
City: TULSA State: OK Zip: 74136  
4. Contact Name: Ellen McElrath  
Phone: (918) 748-3378  
Fax: (918) 743-8859  
Email: emcelrath@midcon-energy.com

5. API Number 05-017-07793-00  
6. County: CHEYENNE  
7. Well Name: HRMU  
Well Number: 11  
8. Location: QtrQtr: NWNW Section: 13 Township: 13S Range: 43W Meridian: 6  
9. Field Name: HARKER RANCH Field Code: 33557

Completed Interval

FORMATION: MORROW Status: INJECTING Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/10/2015 End Date: 12/10/2015 Date of First Production this formation:

Perforations Top: 5289 Bottom: 5328 No. Holes: 78 Hole size:

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

67,615# 16/30 Sand; 100 BBLS 15# Linear gelled water; 150 BBLS 30# Linear gelled water, 684 BBLS Xlink gelled water

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

Total fluid used in treatment (bbl): 934 Max pressure during treatment (psi): 4226

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: Min frac gradient (psi/ft): 0.93

Total acid used in treatment (bbl): 0 Number of staged intervals: 1

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

Fresh water used in treatment (bbl): 934 Disposition method for flowback:

Total proppant used (lbs): 67615 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: Injection Well - date of first injection 1/3/2015.

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:

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I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Ellen McElrath

Title: Production Engineer Date: \_\_\_\_\_ Email: emcelrath@midcon-energy.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

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Total Attach: 0 Files

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