

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:

401774903

Date Received:

10/08/2018

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: 47120

2. Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

3. Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-

4. Contact Name: Callie Fiddes

Phone: (720) 929-4361

Fax:

Email: Callie.Fiddes@Anadarko.com

5. API Number 05-123-45863-00

7. Well Name: HERGENREDER

8. Location: QtrQtr: NWNW Section: 33 Township: 3N Range: 68W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 6N-4HZ

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/08/2018 End Date: 05/18/2018 Date of First Production this formation: 09/11/2018  
Perforations Top: 7625 Bottom: 13920 No. Holes: 1002 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 7625-13920.

24 BBL 15% HCL ACID, 657 BBL 7.5% HCL ACID, 9,047 BBL PUMP DOWN, 223,126 BBL SLICKWATER, 232,854 TOTAL FLUID, 4,790,535# 40/70 OTTAWA/ST. PETERS, 4,790,535# TOTAL SAND.

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

Total fluid used in treatment (bbl): 232854

Max pressure during treatment (psi): 7833

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.85

Total acid used in treatment (bbl): 681

Number of staged intervals: 41

Recycled water used in treatment (bbl): 1800

Flowback volume recovered (bbl): 6848

Fresh water used in treatment (bbl): 230373

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4790535

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

### Test Information:

Date: 10/05/2018 Hours: 24 Bbl oil: 209 Mcf Gas: 371 Bbl H2O: 100  
Calculated 24 hour rate: Bbl oil: 209 Mcf Gas: 371 Bbl H2O: 100 GOR: 1775  
Test Method: Flowing Casing PSI: 1700 Tubing PSI: 1800 Choke Size: 14/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1707 API Gravity Oil: 56  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6985 Tbg setting date: 10/03/2018 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:

This well had a delayed completion. The estimated TPZ footages on form 5 should be revised to 993' FNL, 1930' FWL, Sec 33.

Anadarko certifies compliance with rule 317.s.

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

Signed: Print Name: Callie Fiddes

Title: Regulatory Analyst Date: 10/8/2018 Email: Callie.Fiddes@Anadarko.com

### Attachment Check List

Att Doc Num Name

401774903 FORM 5A SUBMITTED

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Pass	04/16/2019

Total: 1 comment(s)