

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:

401774510

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: 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 05-123-45862-00

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: 22N2-4HZ

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/30/2018 End Date: 05/08/2018 Date of First Production this formation: 09/11/2018  
Perforations Top: 7524 Bottom: 13904 No. Holes: 1482 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 7524-13904.

24 BBL 15% HCL ACID, 1,081 BBL 7.5% HCL ACID, 12,315 BBL PUMP DOWN, 228,785 BBL SLICKWATER, 242,205 TOTAL FLUID, 1,926,263# 40/70 OTTAWA/ST. PETERS, 1,926,263# TOTAL SAND.

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

Total fluid used in treatment (bbl): 242205

Max pressure during treatment (psi): 7730

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): 0.87

Total acid used in treatment (bbl): 1105

Number of staged intervals: 62

Recycled water used in treatment (bbl): 2010

Flowback volume recovered (bbl): 6147

Fresh water used in treatment (bbl): 239090

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1926263

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

### Test Information:

Date: 10/03/2018 Hours: 24 Bbl oil: 210 Mcf Gas: 319 Bbl H2O: 53  
Calculated 24 hour rate: Bbl oil: 210 Mcf Gas: 319 Bbl H2O: 53 GOR: 1519  
Test Method: Flowing Casing PSI: 1650 Tubing PSI: 2100 Choke Size: 18/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1707 API Gravity Oil: 56  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7017 Tbg setting date: 10/01/2018 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 are correct and do not need revision.

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: Email: Callie.Fiddes@Anadarko.com

## Attachment Check List

Att Doc Num Name

Total Attach: 0 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)