

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:

401773697

Date Received:

10/03/2018

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 05-123-45864-00

6. County: WELD

7. Well Name: HERGENREDER
Well Number: 22N1-4HZ

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

9. Field Name: WATTENBERG Field Code: 90750

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: 7456 Bottom: 13961 No. Holes: 1512 Hole size: 0.44

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

PERF AND FRAC FROM 7456-13961.
48 BBL 15% HCL ACID, 1,152 BBL 7.5% HCL ACID, 12,816 BBL PUMP DOWN, 229,001 BBL SLICKWATER, 243,018 TOTAL FLUID, 1,932,649# 40/70 OTTAWA/ST. PETERS, 1,932,649# TOTAL SAND.

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 243018 Max pressure during treatment (psi): 7871
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): 0.89
Total acid used in treatment (bbl): 1200 Number of staged intervals: 63
Recycled water used in treatment (bbl): 2490 Flowback volume recovered (bbl): 6019
Fresh water used in treatment (bbl): 239328 Disposition method for flowback: RECYCLE
Total proppant used (lbs): 1932649 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: 1700 Tubing PSI: 1600 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: 6798 Tbg setting date: 10/02/2018 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 793' FNL, 989' 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: 10/3/2018 Email: Callie.Fiddes@Anadarko.com

Attachment Check List

Att Doc Num	Name
401773697	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Pass	04/09/2019

Total: 1 comment(s)