

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:

402023093

Date Received:

04/30/2019

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 05-123-47352-00

7. Well Name: PETTINGER

8. Location: QtrQtr: SWSE Section: 18 Township: 1N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 18-2HZ

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/26/2019 End Date: 03/09/2019 Date of First Production this formation: 03/20/2019  
Perforations Top: 7635 Bottom: 12757 No. Holes: 736 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 7635-12757.

459 BBL 15% HCL ACID, 86 BBL 7.5% HCL ACID, 5,850 BBL PUMP DOWN, 333,973 BBL SLICKWATER, 340,368 TOTAL FLUID, 7,596,343# 40/70 OTTAWA/ST. PETERS, 7,596,343# TOTAL SAND.

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

Total fluid used in treatment (bbl): 340368

Max pressure during treatment (psi): 7831

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): 545

Number of staged intervals: 26

Recycled water used in treatment (bbl): 2100

Flowback volume recovered (bbl): 11238

Fresh water used in treatment (bbl): 337723

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 7596343

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

#### Test Information:

Date: 04/15/2019 Hours: 24 Bbl oil: 183 Mcf Gas: 174 Bbl H2O: 225

Calculated 24 hour rate: Bbl oil: 183 Mcf Gas: 174 Bbl H2O: 536 GOR: 951

Test Method: Flowing Casing PSI: 2700 Tubing PSI: 2000 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1301 API Gravity Oil: 48

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6974 Tbg setting date: 04/04/2019 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 107' FNL, 1831' FEL, Sec 19.

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: 4/30/2019 Email: Callie.Fiddes@Anadarko.com

### Attachment Check List

Att Doc Num Name

402023093	COMPLETED INTERVAL REPORT
402036275	FORM 5A SUBMITTED

Total Attach: 2 Files

### General Comments

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

Total: 0 comment(s)