

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:

401141452

Date Received:

11/10/2016

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: ILA BEALE

Phone: (720) 929-6408

Fax:

Email: ila.beale@anadarko.com

5. API Number 05-123-42238-00

7. Well Name: COOK

8. Location: QtrQtr: SESE Section: 16 Township: 2N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 1N-16HZ

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/07/2016 End Date: 10/15/2016 Date of First Production this formation: 10/22/2016
Perforations Top: 7558 Bottom: 12287 No. Holes: 1020 Hole size: 0.46

Provide a brief summary of the formation treatment:

Open Hole: ☐

"PERF AND FRAC FROM 7558-12287.

752 BBL 7.5% HCL ACID, 6,793 BBL PUMP DOWN, 160,542 BBL SLICKWATER, - 168,087 BBL TOTAL FLUID
1,822,922# 40/70 PREMIUM, - 1,822,922# TOTAL SAND."

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

Total fluid used in treatment (bbl): 168087

Max pressure during treatment (psi): 7874

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): 0.94

Total acid used in treatment (bbl): 752

Number of staged intervals: 42

Recycled water used in treatment (bbl): 2550

Flowback volume recovered (bbl): 12573

Fresh water used in treatment (bbl): 164785

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1822923

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/06/2016 Hours: 24 Bbl oil: 98 Mcf Gas: 210 Bbl H2O: 306
Calculated 24 hour rate: Bbl oil: 98 Mcf Gas: 210 Bbl H2O: 306 GOR: 2143
Test Method: FLOWING Casing PSI: 1650 Tubing PSI: _____ Choke Size: 14/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1363 API Gravity Oil: 54
Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ 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:

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

Signed: _____ Print Name: ILA BEALE

Title: STAFF REG. SPECIALIST Date: 11/10/2016 Email: ila.beale@anadarko.com

Attachment Check List

Att Doc Num **Name**

401141452 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Form 7 missing Mar, Aug-Sept 2016, Nov-Dec 2017 Form 5A, Doc #401141452 has been approved for NBRR	12/20/2017

Total: 1 comment(s)