

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:

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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: ILA BEALE

Phone: (720) 929-6408

Fax:

Email: ila.beale@anadarko.com

5. API Number 05-123-42073-00

7. Well Name: SUNFLOWER

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

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 24N-17HZ

## Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
Treatment Date: 06/11/2016 End Date: 06/16/2016 Date of First Production this formation: 06/27/2016  
Perforations Top: 7552 Bottom: 12544 No. Holes: 456 Hole size: 0.46  
Provide a brief summary of the formation treatment: Open Hole: ☐

"PERF AND FRAC FROM 7552-12544.  
410 BBL 7.5% HCL ACID, 4,159 BBL PUMP DOWN, 135,680 BBL SLICKWATER, - 140,249 BBL TOTAL FLUID  
626,950# 100 MESH OTTAWA/ST. PETERS, 3,416,250# 40/70 OTTAWA/ST. PETERS, - 4,043,200# TOTAL SAND."

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

Total fluid used in treatment (bbl): 140249 Max pressure during treatment (psi): 7676  
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): 410 Number of staged intervals: 25  
Recycled water used in treatment (bbl): 1650 Flowback volume recovered (bbl): 10943  
Fresh water used in treatment (bbl): 138189 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 4043200 Rule 805 green completion techniques were utilized: ☒  
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

### Test Information:

Date: 07/08/2016 Hours: 24 Bbl oil: 167 Mcf Gas: 481 Bbl H2O: 224  
Calculated 24 hour rate: Bbl oil: 167 Mcf Gas: 481 Bbl H2O: 224 GOR: 2880  
Test Method: FLOWING Casing PSI: 1925 Tubing PSI: Choke Size: 14/64  
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1342 API Gravity Oil: 52  
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: Email: ila.beale@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>

Total: 0 comment(s)