

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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, reoperation 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: Kayla Hesseltine
Phone: (720) 929-6552
Fax:
Email: kayla.hesseltine@anadarko.com

5. API Number 05-123-37000-00
6. County: WELD
7. Well Name: MORNING FRESH STATE
Well Number: 13N-15HZ
8. Location: QtrQtr: NWNW Section: 15 Township: 3N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 02/14/2015 End Date: 02/16/2015 Date of First Production this formation: 02/21/2015
Perforations Top: 7541 Bottom: 12093 No. Holes: 0 Hole size: 0

Provide a brief summary of the formation treatment: Open Hole: [X]

COMPLETED THROUGH AN OPEN HOLE LINER FROM 7541-12093.
24 BBL 7.5% HCL ACID, 129140 BBL SLICKWATER, 129163 BBL TOTAL FLUID.
3832730# 40/70 OTTAWA/ST. PETERS, 3832730# TOTAL SAND.

This formation is commingled with another formation: [ ] Yes [X] No
Total fluid used in treatment (bbl): 129163 Max pressure during treatment (psi): 7211
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): 24 Number of staged intervals: 32
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 5147
Fresh water used in treatment (bbl): 129140 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3832730 Rule 805 green completion techniques were utilized: [X]
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/02/2015 Hours: 24 Bbl oil: 74 Mcf Gas: 529 Bbl H2O: 12
Calculated 24 hour rate: Bbl oil: 74 Mcf Gas: 529 Bbl H2O: 12 GOR: 7148
Test Method: FLOWING Casing PSI: 1600 Tubing PSI: Choke Size: 14/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1203 API Gravity Oil: 62
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: Kayla Hesseltnie

Title: Regulatory Specialist Date: 3/11/2015 Email kayla.hesseltnie@anadarko.com

### Attachment Check List

**Att Doc Num**      **Name**

400805905	FORM 5A SUBMITTED
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**      **Comment Date**

Permit	pass	8/18/2016 7:18:37 AM
Permit	What kind of acid at what percent did they use on the frac? WO operator.	8/17/2016 3:50:50 PM

Total: 2 comment(s)