

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

5. API Number 05-123-37910-00
6. County: WELD
7. Well Name: HOWARD
Well Number: 4N-29HZ
8. Location: QtrQtr: SWNW Section: 32 Township: 1N Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/18/2015 End Date: 04/27/2015 Date of First Production this formation: 05/03/2015

Perforations Top: 7830 Bottom: 14816 No. Holes: 840 Hole size: 0.37

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

PERF AND FRAC FROM 7830-14816.
48 BBL ACID, 189978 BBL SLICKWATER, 6676 BBL WATER, 196702 BBL TOTAL FLUID.
5834594# 40/70 OTTAWA/ST. PETERS, 5834594# TOTAL SAND.

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

Total fluid used in treatment (bbl): 196702 Max pressure during treatment (psi): 7814

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): 0.84

Total acid used in treatment (bbl): 48 Number of staged intervals: 35

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 782

Fresh water used in treatment (bbl): 196654 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5834594 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/11/2015 Hours: 24 Bbl oil: 90 Mcf Gas: 138 Bbl H2O: 330

Calculated 24 hour rate: Bbl oil: 90 Mcf Gas: 138 Bbl H2O: 330 GOR: 1533

Test Method: FLOWING Casing PSI: 1150 Tubing PSI: Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1133 API Gravity Oil: 50

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:

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

Signed: _____

Print Name: Kayla Hesseltine

Title: Regulatory Specialist

Date: _____

Email : kayla.hesseltine@anadarko.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)