

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400486974

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

4. Contact Name: Katie Kistner

2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP

Phone: (720) 9294317

3. Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-36724-00

6. County: WELD

7. Well Name: CROWDER

Well Number: 36N-18HZ

8. Location: QtrQtr: NENE Section: 18 Township: 2N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/30/2013 End Date: 08/01/2013 Date of First Production this formation: 08/20/2013

Perforations Top: 7603 Bottom: 11426 No. Holes: 0 Hole size: 0

Provide a brief summary of the formation treatment:

Open Hole: ☒

COMPLETED THROUGH AN OPEN HOLE LINER FROM 7603-11426.  
11285 BBL CROSSLINK GEL, 2499 BBL LINEAR GEL, 62806 BBL SLICKWATER, 76591 BBL TOTAL FLUID.  
367740# 30/50 OTTAWA/ST. PETERS SAND, 1726679# 40/70 OTTAWA/ST. PETERS SAND, 2094419# TOTAL SAND.

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

Total fluid used in treatment (bbl): 76591

Max pressure during treatment (psi): 7487

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): 0.98

Total acid used in treatment (bbl): 0

Number of staged intervals: 32

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 8093

Fresh water used in treatment (bbl): 0

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2094419

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

#### Test Information:

Date: 08/27/2013 Hours: 24 Bbl oil: 108 Mcf Gas: 262 Bbl H2O: 232

Calculated 24 hour rate: Bbl oil: 108 Mcf Gas: 262 Bbl H2O: 232 GOR: 2426

Test Method: FLOWING Casing PSI: 2489 Tubing PSI: 1939 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1289 API Gravity Oil: 47

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7230 Tbg setting date: 08/24/2013 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: Katie Kistner

Title: Regulatory Analyst Date: Email: rscdjpostdrill@anadarko.com

### Attachment Check List

Att Doc Num Name

Total Attach: 0 Files

## General Comments

User Group

Comment

Comment Date

--	--	--

Total: 0 comment(s)