

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:

400582996

Date Received:

04/08/2014

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: Katie Kistner  
Phone: (720) 9294317  
Fax: \_\_\_\_\_  
Email: katie.kistner@anadarko.com

5. API Number 05-123-37680-00

6. County: WELD

7. Well Name: HOWARD  
Well Number: 29N-28HZ

8. Location: QtrQtr: SESW Section: 28 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: 03/03/2014 End Date: 03/05/2014 Date of First Production this formation: 03/27/2014  
Perforations Top: 7927 Bottom: 12483 No. Holes: 0 Hole size: 0

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

COMPLETED THROUGH AN OPEN HOLE LINER FROM 7927-12483.  
11983 BBL CROSSLINK GEL, 1197 BBL LINEAR GEL, 108009 BBL SLICKWATER, 121189 BBL TOTAL FLUID.  
362760# 30/50 OTTAWA/ST. PETERS, 3470140# 40/70 OTTAWA/ST. PETERS, 3832900# TOTAL SAND.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 121189

Max pressure during treatment (psi): 7949

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.87

Total acid used in treatment (bbl):

Number of staged intervals: 34

Recycled water used in treatment (bbl): 9200

Flowback volume recovered (bbl): 2216

Fresh water used in treatment (bbl): 111989

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 3832900

Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

#### Test Information:

Date: 04/06/2014 Hours: 24 Bbl oil: 136 Mcf Gas: 74 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 136 Mcf Gas: 74 Bbl H2O: 0 GOR: 544

Test Method: FLOWING Casing PSI: 1200 Tubing PSI: Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1118 API Gravity Oil: 48

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: Katie Kistner

Title: Regulatory Analyst Date: 4/8/2014 Email: rscdjpostdrill@anadarko.com

### Attachment Check List

| Att Doc Num | Name              |
|-------------|-------------------|
| 400582996   | FORM 5A SUBMITTED |

Total Attach: 1 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u>      |
|-------------------|---|--------------------------|
| Permit            | Per operator the correct TD is 12483'.                                | 5/15/2014<br>1:16:14 PM  |
| Permit            | ON HOLD: requesting confirmation of TD. form 5 12483' form 5A 14483'. | 5/15/2014<br>11:51:40 AM |

Total: 2 comment(s)