

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:  
400530237

Date Received:  
12/19/2013

**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: <u>47120</u>	4. Contact Name: <u>Katie Kistner</u>
2. Name of Operator: <u>KERR-MCGEE OIL &amp; GAS ONSHORE LP</u>	Phone: <u>(720) 9294317</u>
3. Address: <u>P O BOX 173779</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	Email: <u>katie.kistner@anadarko.com</u>

5. API Number <u>05-123-36447-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>HEDGE</u>	Well Number: <u>16C-22HZ</u>
8. Location: QtrQtr: <u>NENE</u> Section: <u>22</u> Township: <u>3N</u> Range: <u>66W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

### Completed Interval

FORMATION: NIOBRARA-FT HAYS-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/27/2013 End Date: 10/28/2013 Date of First Production this formation: 11/08/2013

Perforations Top: 7835 Bottom: 12238 No. Holes: 0 Hole size: 0

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

COMPLETED THROUGH AN OPEN HOLE LINER FROM 7835-12238.  
12 BBL ACID, 14125 BBL CROSSLINK GEL, 1499 BBL LINEAR GEL, 68432 BBL SLICKWATER, 84068 BBL TOTAL FLUID.  
410159# 30/50 OTTAWA/ST. PETERS SAND, 2010020# 40/70 OTTAWA/ST. PETERS SAND, 2420179# TOTAL SAND.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 84068 Max pressure during treatment (psi): 7533

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): 0.91

Total acid used in treatment (bbl): 12 Number of staged intervals: 34

Recycled water used in treatment (bbl): 2617 Flowback volume recovered (bbl): 2773

Fresh water used in treatment (bbl): 81439 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2420179 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

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

#### Test Information:

Date: 11/18/2013 Hours: 24 Bbl oil: 148 Mcf Gas: 969 Bbl H2O: 50

Calculated 24 hour rate: Bbl oil: 148 Mcf Gas: 969 Bbl H2O: 50 GOR: 6547

Test Method: FLOWING Casing PSI: 1350 Tubing PSI: 1149 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1260 API Gravity Oil: 56

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7328 Tbg setting date: 12/09/2013 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: 12/19/2013 Email: rscdjpostdrill@anadarko.com

### Attachment Check List

Att Doc Num	Name
400530237	FORM 5A SUBMITTED

Total Attach: 1 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator confirms that completed portion goes into Nio-FtHays-Codell. Made the correction. Ready to pass.	2/24/2014 10:18:12 AM
Permit	Based on mud logs, tops are correct, however, well seems to wander back into Niobrara. This should be a Nio-Ft Hays-Codell completion. Confirming with operator.	2/24/2014 9:16:12 AM

Total: 2 comment(s)