

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:

400512753

Date Received:

11/14/2013

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: 47120	4. Contact Name: JOEL MALEFYT
2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP	Phone: (720) 929-6828
3. Address: P O BOX 173779	Fax: (720) 929-7828
City: DENVER State: CO Zip: 80217-	Email: JOEL.MALEFYT@ANADARKO.COM

5. API Number 05-123-29026-00	6. County: WELD
7. Well Name: STATE	Well Number: 33-16
8. Location: QtrQtr: NESW Section: 16 Township: 1N Range: 68W Meridian: 6	
9. Field Name: WATTENBERG	Field Code: 90750

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>09/22/2013</u>		End Date: <u>09/22/2013</u>		Date of First Production this formation: <u>02/11/2009</u>	
Perforations	Top: <u>8280</u>	Bottom: <u>8295</u>	No. Holes: <u>60</u>	Hole size: <u>0.38</u>	

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

CODELL REFRAC  
 4896 BBL SLICKWATER, 4896 BBL TOTAL FLUID.  
 149520# 40/70 SAND, 4000# 20/40 SAND, 153520# TOTAL SAND.

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>4896</u>	Max pressure during treatment (psi): <u>5082</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.30</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.81</u>
Total acid used in treatment (bbl): <u>0</u>	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): <u>0</u>	Flowback volume recovered (bbl): <u>1087</u>
Fresh water used in treatment (bbl): <u>0</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>153520</u>	Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>

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

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

**Test Information:**

Date: _____	Hours: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____
Calculated 24 hour rate: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____	GOR: _____
Test Method: _____	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____	
Gas Disposition: _____	Gas Type: _____	Btu Gas: _____	API Gravity Oil: _____	
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____	

Reason for Non-Production:

Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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\*\* Bridge Plug Depth: \_\_\_\_\_     
 \*\* Sacks cement on top: \_\_\_\_\_     
 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 02/11/2009

Perforations Top: 7889 Bottom: 8295 No. Holes: 132 Hole size: 0.38

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

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

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized: ☐

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

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

**Test Information:**

Date: 11/09/2013 Hours: 24 Bbl oil: 6 Mcf Gas: 29 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 6 Mcf Gas: 29 Bbl H2O: 0 GOR: 4833

Test Method: FLOWING Casing PSI: 1237 Tubing PSI: 961 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1369 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8236 Tbg setting date: 10/02/2013 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: JOEL MALEFYT

Title: REGULATORY ANALYST Date: 11/14/2013 Email: RSCDJPOSTDRILL@ANADARKO.COM

**Attachment Check List**

**Att Doc Num Name**

400512753 FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

**User Group Comment Comment Date**

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Total: 0 comment(s)