

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:

400293468

Date Received:

06/07/2012

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-	

5. API Number 05-123-33791-00	6. County: WELD
7. Well Name: STREAR	Well Number: 27-10
8. Location: QtrQtr: NENE Section: 10 Township: 2N Range: 67W 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>05/03/2012</u>		End Date: <u>05/03/2012</u>		Date of First Production this formation: <u>05/08/2012</u>	
Perforations	Top: <u>7580</u>	Bottom: <u>7596</u>	No. Holes: <u>64</u>	Hole size: <u>0.38</u>	

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

PERF CODL 7580-7596 HOLES 64 SIZE .38  
 Frac CODL down 4.5" casing w/ 194,208 gal slickwater w/ 150,360# 40/70, 4,000# 20/40.  
 Broke @ 3,284 psi @ 4.8 bpm. ATP=4,699 psi; MTP=4,803 psi; ATR=59.6 bpm; ISDP=3,331 psi

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Total fluid used in treatment (bbl): <u>4624</u>	Max pressure during treatment (psi): <u>4803</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.30</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): <u>4624</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>154360</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 _____
---------------------------------	---	-----------------------------------

\*\* Bridge Plug Depth: \_\_\_\_\_     
 \*\* Sacks cement on top: \_\_\_\_\_     
 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: <u>NIOBRARA-CODELL</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>05/03/2012</u>		End Date: <u>05/03/2012</u>		Date of First Production this formation: <u>05/09/2012</u>	
Perforations	Top: <u>7372</u>	Bottom: <u>7596</u>	No. Holes: <u>124</u>	Hole size: <u>0.47</u>	

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

PERF NBRR 7372-7454 HOLES 60 SIZE .47  
 PERF CODL 7580-7596 HOLES 64 SIZE .38

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: <input type="checkbox"/>

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

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

**Test Information:**

Date: <u>05/10/2012</u>	Hours: <u>24</u>	Bbl oil: <u>20</u>	Mcf Gas: <u>1</u>	Bbl H2O: <u>0</u>
Calculated 24 hour rate:	Bbl oil: <u>20</u>	Mcf Gas: <u>1</u>	Bbl H2O: <u>0</u>	GOR: <u>50</u>
Test Method: <u>FLOWING</u>	Casing PSI: <u>1672</u>	Tubing PSI: _____	Choke Size: _____	
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	Btu Gas: <u>1310</u>	API Gravity Oil: <u>49</u>	
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.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 05/03/2012 End Date: 05/03/2012 Date of First Production this formation: 05/09/2012  
Perforations Top: 7372 Bottom: 7454 No. Holes: 60 Hole size: 0.47  
Provide a brief summary of the formation treatment: Open Hole: ☐

PERF NBRR 7372-7454 HOLES 60 SIZE .47  
Frac NBRR down 4.5" casing w/ 250 gal 15% HCl & 240,494 gal slickwater w/ 199,920# 40/70, 4,000# 20/40.  
Broke @ 3,222 psi @ 4.8 bpm. ATP=4,710 psi; MTP=5,160 psi; ATR=59.5 bpm; ISDP=3,516 psi

This formation is commingled with another formation: ☒ Yes ☐ No  
Total fluid used in treatment (bbl): 5726 Max pressure during treatment (psi): 5160  
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):  
Total acid used in treatment (bbl): Number of staged intervals: 1  
Recycled water used in treatment (bbl): Flowback volume recovered (bbl):  
Fresh water used in treatment (bbl): 5726 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 203920 Rule 805 green completion techniques were utilized: ☒  
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: ☐ 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: 6/7/2012 Email: JOEL.MALEFYT@ANADARKO.COM

**Attachment Check List**

Att Doc Num	Name
400293468	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)