

**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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400293339  
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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: <u>47120</u>	4. Contact Name: <u>JOEL MALEFYT</u>
2. Name of Operator: <u>KERR-MCGEE OIL &amp; GAS ONSHORE LP</u>	Phone: <u>(720) 929-6828</u>
3. Address: <u>P O BOX 173779</u>	Fax: <u>(720) 929-7828</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	

5. API Number <u>05-123-33784-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>STREAR</u>	Well Number: <u>17-10</u>
8. Location: QtrQtr: <u>NENE</u> Section: <u>10</u> Township: <u>2N</u> Range: <u>67W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

**Completed Interval**

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/23/2012 End Date: 04/23/2012 Date of First Production this formation: 05/09/2012

Perforations Top: 7570 Bottom: 7586 No. Holes: 64 Hole size: 0.38

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

PERF CODL 7570-7586 HOLES 64 SIZE .38  
 Frac CODL down 4.5" casing w/ 203,994 gal slickwater. No proppant used on this job.  
 Broke @ 4,091 psi @ 5.2 bpm. ATP=4,566 psi; MTP=5,554 psi; ATR=60.2 bpm; ISDP=3,185 psi

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 4857 Max pressure during treatment (psi): 5554

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): 4857 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 0 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.

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

Treatment Date: 04/23/2012 End Date: 04/23/2012 Date of First Production this formation: 05/09/2012  
Perforations Top: 7358 Bottom: 7586 No. Holes: 124 Hole size: 0.47

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

PERF NBRR 7358-7370 HOLES 60 SIZE .47  
PERF CODL 7570-7586 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:

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

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

**Test Information:**

Date: 05/10/2012 Hours: 24 Bbl oil: 20 Mcf Gas: 36 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 20 Mcf Gas: 36 Bbl H2O: 0 GOR: 1800

Test Method: FLOWING Casing PSI: 923 Tubing PSI: \_\_\_\_\_ Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1310 API Gravity Oil: 49

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: 04/23/2012 End Date: 04/23/2012 Date of First Production this formation: 05/09/2012  
Perforations Top: 7358 Bottom: 7370 No. Holes: 60 Hole size: 0.47

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

PERF NBRR 7358-7370 HOLES 60 SIZE .47  
Frac NBRR down 4.5" casing w/ 250 gal 15% HCl & 245,786 gal slickwater. No proppant used on this job.  
Broke @ 3,548 psi @ 2.5 bpm. ATP=4,692 psi; MTP=5,645 psi; ATR=60.4 bpm; ISDP=3,201 psi

This formation is commingled with another formation:  Yes  No  
Total fluid used in treatment (bbl): 5852 Max pressure during treatment (psi): 5645  
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): 5852 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 0 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
400293339	FORM 5A SUBMITTED

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)