

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:

400334710

Date Received:

11/15/2012

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
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: JOEL MALEFYT
Phone: (720) 929-6828
Fax: (720) 929-7828

5. API Number 05-123-35115-00
6. County: WELD
7. Well Name: WARDELL
Well Number: 27N-29HZ
8. Location: QtrQtr: SESE Section: 29 Township: 3N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/22/2012 End Date: 09/23/2012 Date of First Production this formation: 10/03/2012

Perforations Top: 7367 Bottom: 11400 No. Holes: 0 Hole size: 0

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

FRAC'D THROUGH AN OPEN HOLE LINER FROM 7367-11400.
1578820# 40/70, 190000# 30/50, 8000# CRC 20/40, 1776820# TOTAL.
8196 BBL PERMSTIM 45#, 66086 BBL FR WATER, 1029 BBL LINEAR GEL, 75311 BBL TOTAL FLUID.

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

Total fluid used in treatment (bbl): 75311 Max pressure during treatment (psi): 7762

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): 0.93

Total acid used in treatment (bbl): Number of staged intervals: 20

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 4611

Fresh water used in treatment (bbl): 66086 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 1776820 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/20/2012 Hours: 24 Bbl oil: 206 Mcf Gas: 1341 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 206 Mcf Gas: 1341 Bbl H2O: 0 GOR: 6510

Test Method: FLOWING Casing PSI: 2661 Tubing PSI: 2240 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1225 API Gravity Oil: 53

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6692 Tbg setting date: 10/14/2012 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: 11/15/2012 Email: JOEL.MALEFYT@ANADARKO.COM

Attachment Check List

Att Doc Num	Name
400334710	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received and entered frac fluid totals. Ready to pass.	2/6/2013 8:29:27 AM
Permit	On hold. Requested frac fluid totals.	1/31/2013 2:45:54 PM

Total: 2 comment(s)