

FORM 5A Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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Date Received:

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 05-123-19958-00 6. County: WELD 7. Well Name: HSR-TEETS Well Number: 11-20A 8. Location: QtrQtr: NESW Section: 20 Township: 2N Range: 67W Meridian: 6 9. Field Name: Field Code:

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/18/2012 End Date: 04/18/2012 Date of First Production this formation: 02/01/2006

Perforations Top: 7561 Bottom: 7581 No. Holes: 60 Hole size: 0.38

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

Refrac CODL down 4.5" casing w/ 202,272 gal slickwater w/ 150,340# 40/70, 4,000# 20/40. Break not observed. ATP=4,739 psi; MTP=5,145 psi; ATR=58.0 bpm; ISDP=2,740 psi

This formation is commingled with another formation: [X] Yes [] No

Total fluid used in treatment (bbl): 4816 Max pressure during treatment (psi): 5145

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment: Max frac gradient (psi/ft):

Total acid used in treatment (bbl): Number of staged intervals: 1

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 0 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 154340 Rule 805 green completion techniques were utilized: [X]

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: J SAND Status: TEMPORARILY ABANDONED Treatment Type: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 09/14/2001

Perforations Top: 8011 Bottom: 8048 No. Holes: 74 Hole size: 0.38

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

SET SAND PLUG 7800-8113.

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: _____ Max 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: _____ 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: TO PRODUCE NB/CD

Date formation Abandoned: 04/12/2012 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: _____

Treatment Date: _____ End Date: _____ Date of First Production this formation: 05/07/2012

Perforations Top: 7348 Bottom: 7581 No. Holes: 120 Hole size: 0.42

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: _____ Max 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: 05/01/2012 Hours: 24 Bbl oil: 4 Mcf Gas: 41 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 4 Mcf Gas: 41 Bbl H2O: 0 GOR: 11105

Test Method: FLOWING Casing PSI: 234 Tubing PSI: 224 Choke Size: _____

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1188 API Gravity Oil: 49

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7529 Tbg setting date: 04/27/2012 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.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/18/2012 End Date: 04/18/2012 Date of First Production this formation: 05/07/2012
Perforations Top: 7348 Bottom: 7477 No. Holes: 60 Hole size: 0.42

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

PERF NBRR 7348-7477 HOLES 60 SIZE .42
Frac NBRR down 4.5" casing w/ 252 gal 15% HCl & 240,870 gal slickwater w/ 201,520# 40/70, 4,000# 20/40.
Broke @ 2,552 psi @ 5.2 bpm. ATP=4,278 psi; MTP=5,701 psi; ATR=60.3 bpm; ISDP=2,708 psi

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 5735 Max pressure during treatment (psi): 5701
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.30
Type of gas used in treatment: Max frac gradient (psi/ft):
Total acid used in treatment (bbl): 6 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 0 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 205520 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: Email: JOEL.MALEFYT@ANADARKO.COM

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)