

FORM
5A

Rev
02/08

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

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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: Cindy Vue
2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6832
3. Address: P O BOX 173779 Fax: (720) 929-7832
City: DENVER State: CO Zip: 80217-

5. API Number 05-123-33004-00 6. County: WELD
7. Well Name: MARKHAM Well Number: 13-8
8. Location: QtrQtr: SWSW Section: 8 Township: 2N Range: 65W Meridian: 6
9. Field Name: _____ Field Code: _____

Completed Interval

FORMATION: CODELL Status: COMMINGLED

Treatment Date: 12/30/2011 Date of First Production this formation: 02/06/2012
Perforations Top: 7384 Bottom: 7398 No. Holes: 56 Hole size: 0.38

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

CD PERF 7384-7398 HOLES 56 SIZE 0.38
Frac Codell down 4-1/2" Csg w/ 197,064 gal Slickwater w/ 152,500# 40/70, 4,000# SuperLC, 0# . Broke @ 3,526 psi @ 5.3 bpm.
ATP=4,856 psi; MTP=5,068 psi; ATR=63.7 bpm; ISDP=3,500 psi

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

Test Information:

Date: _____ Hours: _____ Bbls oil: _____ Mcf Gas: _____ Bbls H2O: _____
Calculated 24 hour rate: _____ Bbls oil: _____ Mcf Gas: _____ Bbls 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: _____

FORMATION: NIOBRARA-CODELL Status: PRODUCING

Treatment Date: 12/30/2011 Date of First Production this formation: 02/06/2012

Perforations Top: 7154 Bottom: 7398 No. Holes: 120 Hole size: 0.38

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

NB PERF 7154-7257 HOLES 64 SIZE 0.42 CD PERF 7384-7398 HOLES 56 SIZE 0.38

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

Test Information:

Date: 02/07/2012 Hours: 24 Bbls oil: 10 Mcf Gas: 100 Bbls H2O: 0

Calculated 24 hour rate: _____ Bbls oil: 10 Mcf Gas: 100 Bbls H2O: 0 GOR: 10000

Test Method: FLOWING Casing PSI: 1600 Tubing PSI: _____ Choke Size: 10/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1150 API Gravity Oil: 53

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: _____

FORMATION: NIOBRARA Status: COMMINGLED

Treatment Date: 12/30/2011 Date of First Production this formation: 02/06/2012

Perforations Top: 7154 Bottom: 7257 No. Holes: 64 Hole size: 0.42

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

NB PERF 7154-7257 HOLES 64 SIZE 0.42
Frac Niobrara B & C down 4-1/2" Csg w/ 250 gal 15% HCl & 229,658 gal Slickwater w/ 204,760# 40/70, 4,000# SuperLC, 0# . Broke @ 3,403 psi @ 5.2 bpm. ATP=4,853 psi; MTP=5,066 psi; ATR=66.8 bpm; ISDP=3,255 psi

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

Test Information:

Date: _____ Hours: _____ Bbls oil: _____ Mcf Gas: _____ Bbls H2O: _____

Calculated 24 hour rate: _____ Bbls oil: _____ Mcf Gas: _____ Bbls 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: _____

Comment: _____

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Cindy Vue

Title: Regulatory Analyst II Date: _____ Email: Cindy.Vue@anadarko.com

Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)