

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:

400261354

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 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 05-123-33421-00 6. County: WELD
7. Well Name: WARNER Well Number: 31-18
8. Location: QtrQtr: SEnw Section: 18 Township: 2N Range: 65W Meridian: 6
9. Field Name: _____ Field Code: _____

Completed Interval

FORMATION: CODELL Status: COMMINGLED

Treatment Date: 02/10/2012 Date of First Production this formation: 02/27/2012

Perforations Top: 7498 Bottom: 7962 No. Holes: 56 Hole size: 0.42

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

CD PERF 7948-7962 HOLES 56 SIZE 0.42
Frac CODL down casing w/ 193,368 gal slickwater w/ 150,340# 40/70, 4,000# SB Excel.
Broke @ 3,722 psi @ 4 bpm. ATP=4,468 psi; MTP=4,962 psi; ATR=60.0 bpm; ISDP=2,983 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: J-NIOBRARA-CODELLStatus: COMMINGLEDTreatment Date: 01/31/2012Date of First Production this formation: 02/27/2012Perforations Top: 7720 Bottom: 8452 No. Holes: 170 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

NB PERF 7720-7858 HOLES 60 SIZE 0.47
CD PERF 7948-7962 HOLES 56 SIZE 0.42
J S PERF 8428-8452 HOLES 54 SIZE 0.42

This formation is commingled with another formation: ☐ Yes ☒ No**Test Information:**Date: 02/28/2012 Hours: 24 Bbls oil: 100 Mcf Gas: 100 Bbls H2O: 0Calculated 24 hour rate: Bbls oil: 100 Mcf Gas: 100 Bbls H2O: 0 GOR: 1000Test Method: FLOWING Casing PSI: 1700 Tubing PSI: Choke Size: 16/64Gas Disposition: SOLD Gas Type: WET BTU Gas: 1273 API Gravity Oil: 45Tubing 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: J SANDStatus: PRODUCINGTreatment Date: 01/31/2012Date of First Production this formation: 02/27/2012Perforations Top: 8428 Bottom: 8452 No. Holes: 54 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

J S PERF 8428-8452 HOLES 54 SIZE 0.42
Frac JSND down 4.5" casing w/ 148,344 gal slickwater w/ 115,000# 40/70, 4,000# SB Excel.
Broke @ 2,876 psi @ 3.3 bpm. ATP=2,509 psi; MTP=4,070 psi; ATR=35.0 bpm; ISDP=2,066 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: 02/10/2012

Date of First Production this formation: 02/27/2012

Perforations Top: 7720 Bottom: 7962 No. Holes: 116 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐NB PERF 7720-7858 HOLES 60 SIZE 0.47
CD PERF 7948-7962 HOLES 56 SIZE 0.42This 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

Status: COMMINGLED

Treatment Date: 02/10/2012

Date of First Production this formation: 02/27/2012

Perforations Top: 7720 Bottom: 7858 No. Holes: 60 Hole size: 0.47

Provide a brief summary of the formation treatment:

Open Hole: ☐NB PERF 7720-7858 HOLES 60 SIZE 0.47
Frac NBRR down casing w/ 250 gal 15% HCl & 244,568 gal slickwater w/ 200,540# 40/70, 4,000# SB Excel.
Broke @ 3,850 psi @ 5 bpm. ATP=4,659 psi; MTP=5,509 psi; ATR=62.3 bpm; ISDP=3,157 psiThis 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:

Cindy.Vue@anadarko.com

Email
:

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)