

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:

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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: ILA BEALE

Phone: (720) 929-6408

Fax:

Email: ila.beale@anadarko.com

5. API Number 05-123-41343-00

7. Well Name: ICEMAN STATE

8. Location: QtrQtr: SWNW Section: 15 Township: 3N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 32N-A16HZ

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 05/16/2016 End Date: 05/23/2016 Date of First Production this formation: 05/29/2016
Perforations Top: 7596 Bottom: 12912 No. Holes: 648 Hole size: 0.46
Provide a brief summary of the formation treatment: Open Hole: ☐

"PERF AND FRAC FROM 7596-12,912.
248 BBL ACID, 107,453 BBL SLICKWATER, 6,527 BBL WATER, - 114,228 BBL TOTAL FLUID
458,565# 100 MESH OTTAWA/ST. PETERS, 2,511,628# 40/70 OTTAWA/ST. PETERS, - 2,970,193# TOTAL SAND."

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

Total fluid used in treatment (bbl): 114228 Max pressure during treatment (psi): 7409
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.30
Type of gas used in treatment: Min frac gradient (psi/ft): 0.97
Total acid used in treatment (bbl): 248 Number of staged intervals: 27
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 1960
Fresh water used in treatment (bbl): 113980 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 2970193 Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/08/2016 Hours: 24 Bbl oil: 259 Mcf Gas: 498 Bbl H2O: 293
Calculated 24 hour rate: Bbl oil: 259 Mcf Gas: 498 Bbl H2O: 293 GOR: 1923
Test Method: FLOWING Casing PSI: 1575 Tubing PSI: Choke Size: 14/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1358 API Gravity Oil: 51
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:

7.5% HCL acid was used in a plug and perf operation for this well.

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

Signed: Print Name: ILA BEALE
Title: STAFF REG. SPECIALIST Date: Email: ila.beale@anadarko.com

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)