

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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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: <u>47120</u>	4. Contact Name: <u>Callie Fiddes</u>
2. Name of Operator: <u>KERR MCGEE OIL & GAS ONSHORE LP</u>	Phone: <u>(720) 929-4361</u>
3. Address: <u>P O BOX 173779</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	Email: <u>Callie.Fiddes@Anadarko.com</u>

5. API Number <u>05-123-47105-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>COWBOY</u>	Well Number: <u>21-8HZ</u>
8. Location: QtrQtr: <u>SENE</u> Section: <u>21</u> Township: <u>2N</u> Range: <u>67W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/20/2019 End Date: 04/02/2019 Date of First Production this formation: 04/26/2019
Perforations Top: 7881 Bottom: 21332 No. Holes: 1344 Hole size: 0.44

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

PERF AND FRAC FROM 7881-21332.
651 BBL 15% HCL ACID, 97 BBL 7.5% HCL ACID, 21,295 BBL PUMP DOWN, 475,468 BBL SLICKWATER, 497,511 TOTAL FLUID, 10,782,425# 40/70 OTTAWA/ST. PETERS, 10,782,425# TOTAL SAND.

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 497511 Max pressure during treatment (psi): 7762
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): 0.91
Total acid used in treatment (bbl): 748 Number of staged intervals: 56
Recycled water used in treatment (bbl): 1500 Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 495263 Disposition method for flowback: RECYCLE
Total proppant used (lbs): 10782425 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/22/2019 Hours: 24 Bbl oil: 200 Mcf Gas: 356 Bbl H2O: 307
Calculated 24 hour rate: Bbl oil: 200 Mcf Gas: 356 Bbl H2O: 307 GOR: 1780
Test Method: Flowing Casing PSI: 2500 Tubing PSI: 1500 Choke Size: 14/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1297 API Gravity Oil: 46
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7600 Tbg setting date: 05/20/2019 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:
This well had a delayed completion. The estimated TPZ footages on form 5 should be revised to 2633' FSL, 137' FEL, Sec 21.
Anadarko certifies compliance with rule 317.s.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: Print Name: Callie Fiddes
Title: Regulatory Analyst Date: Email: Callie.Fiddes@Anadarko.com

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group

Comment

Comment Date

Stamp Upon
Approval

Total: 0 comment(s)