

**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:  
401396357

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>ILA BEALE</u>
2. Name of Operator: <u>KERR MCGEE OIL &amp; GAS ONSHORE LP</u>	Phone: <u>(720) 929-6408</u>
3. Address: <u>P O BOX 173779</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	Email: <u>ila.beale@anadarko.com</u>

5. API Number <u>05-123-42563-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>PUMA FED</u>	Well Number: <u>4N-14HZ</u>
8. Location: QtrQtr: <u>SWSW</u> Section: <u>23</u> Township: <u>1N</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: 07/21/2017 End Date: 08/03/2017 Date of First Production this formation: 08/28/2017  
Perforations Top: 8159 Bottom: 13800 No. Holes: 1392 Hole size: 0.44

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

"PERF AND FRAC FROM 8159-13,800  
1,100 BBL 7.5% HCL ACID, 9,893 BBL PUMP DOWN, 197,403 BBL SLICKWATER, - 208,396 TOTAL FLUID  
1,691,950# 40/70 OTTAWA/ST. PETERS, - 1,691,950# TOTAL SAND."

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 208396 Max pressure during treatment (psi): 7847

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): 0.85

Total acid used in treatment (bbl): 1100 Number of staged intervals: 57

Recycled water used in treatment (bbl): 8815 Flowback volume recovered (bbl): 3191

Fresh water used in treatment (bbl): 198481 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1691950 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

#### Test Information:

Date: 09/01/2017 Hours: 24 Bbl oil: 129 Mcf Gas: 182 Bbl H2O: 127

Calculated 24 hour rate: Bbl oil: 129 Mcf Gas: 182 Bbl H2O: 127 GOR: 1411

Test Method: FLOWING Casing PSI: 1400 Tubing PSI: Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1304 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: \*\* 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 203 FSL 978 FWL SEC 23.

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**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)