

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:

401036040

Date Received:

05/10/2016

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>05-123-41502-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>ENGLISH FARMS</u>	Well Number: <u>16N-8HZ</u>
8. Location: QtrQtr: <u>NWNE</u> Section: <u>8</u> Township: <u>1N</u> Range: <u>65W</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: 03/16/2016 End Date: 03/22/2016 Date of First Production this formation: 04/18/2016  
Perforations Top: 7680 Bottom: 13046 No. Holes: 648 Hole size: 0.42

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

"PERF AND FRAC FROM 7680-13,046.  
187 BBL HCl ACID, 146,171 BBL SLICKWATER, 4,167 BBL WATER, - 150,525 BBL TOTAL FLUID  
651,010# 100 MESH OTTAWA/ST. PETERS, 3,538,534# 40/70 PREMIUM, - 4,189,544# TOTAL SAND."

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 150525

Max pressure during treatment (psi): 7792

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): 0.89

Total acid used in treatment (bbl): 187

Number of staged intervals: 27

Recycled water used in treatment (bbl): 300

Flowback volume recovered (bbl): 353

Fresh water used in treatment (bbl): 150038

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 4189544

Rule 805 green completion techniques were utilized:

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

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

#### Test Information:

Date: 04/30/2016 Hours: 24 Bbl oil: 103 Mcf Gas: 183 Bbl H2O: 212

Calculated 24 hour rate: Bbl oil: 103 Mcf Gas: 183 Bbl H2O: 212 GOR: 1777

Test Method: FLOWING Casing PSI: 2100 Tubing PSI: \_\_\_\_\_ Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1400 API Gravity Oil: 46

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: \_\_\_\_\_

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: 5/10/2016 Email: ila.beale@anadarko.com

### Attachment Check List

Att Doc Num	Name
401036040	FORM 5A SUBMITTED

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permit review complete.	5/24/2016 10:43:13 AM
Permit	Added type of acid used per operator request.	5/24/2016 10:40:14 AM

Total: 2 comment(s)