

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



DE	ET	OE	ES
----	----	----	----

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: 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 05-123-41502-00

7. Well Name: ENGLISH FARMS

8. Location: QtrQtr: NWNE Section: 8 Township: 1N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 16N-8HZ

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)