

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:

401855709

Date Received:

12/23/2018

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: Callie Fiddes

Phone: (720) 929-4361

Fax:

Email: Callie.Fiddes@Anadarko.com

5. API Number 05-123-46262-00

7. Well Name: QUARTER CIRCLE

8. Location: QtrQtr: SESW Section: 24 Township: 1N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 24-9HZ

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/26/2018 End Date: 09/13/2018 Date of First Production this formation: 11/21/2018
Perforations Top: 7969 Bottom: 17470 No. Holes: 1140 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 7969-17470.

143 BBL 15% HCL ACID, 810 BBL 7.5% HCL ACID, 22,833 BBL PUMP DOWN, 336,851 BBL SLICKWATER, 360,637 TOTAL FLUID, 7,519,191# 40/70 GENOA/SAND HILLS, 7,519,191# TOTAL SAND.

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

Total fluid used in treatment (bbl): 360637

Max pressure during treatment (psi): 7878

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): 0.88

Total acid used in treatment (bbl): 952

Number of staged intervals: 48

Recycled water used in treatment (bbl): 2700

Flowback volume recovered (bbl): 1425

Fresh water used in treatment (bbl): 356985

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 7519191

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 12/18/2018 Hours: 24 Bbl oil: 461 Mcf Gas: 267 Bbl H2O: 409

Calculated 24 hour rate: Bbl oil: 461 Mcf Gas: 267 Bbl H2O: 409 GOR: 579

Test Method: Flowing Casing PSI: 1900 Tubing PSI: 1600 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1229 API Gravity Oil: 54

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7349 Tbg setting date: 12/08/2018 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 952' FSL, 2426' FWL, Sec 24.

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: 12/23/2018 Email: Callie.Fiddes@Anadarko.com

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Attachment Check List

Att Doc Num Name

401855709 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Treatment start date and frac focus do not match Operator confirmed 5A is correct - Op will update Frac Focus	02/19/2019

Total: 1 comment(s)