

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:

401988310

Date Received:

03/28/2019

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

5. API Number 05-123-45918-00	6. County: WELD
7. Well Name: AZUL	Well Number: 13-10HZ
8. Location: QtrQtr: SESW Section: 13 Township: 1N Range: 66W Meridian: 6	
9. Field Name: WATTENBERG	Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/15/2019 End Date: 01/22/2019 Date of First Production this formation: 02/27/2019
Perforations Top: 8010 Bottom: 12819 No. Holes: 600 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 8010-12819.

495 BBL 15% HCL ACID, 133 BBL 7.5% HCL ACID, 4,670 BBL BIO WATER, 123,302 BBL SLICKWATER, 128,600 TOTAL FLUID, 3,491,843# 40/70 OTTAWA/ST. PETERS, 3,491,843# TOTAL SAND.

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

Total fluid used in treatment (bbl): 128600

Max pressure during treatment (psi): 7946

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): 0.84

Total acid used in treatment (bbl): 628

Number of staged intervals: 25

Recycled water used in treatment (bbl): 450

Flowback volume recovered (bbl): 16337

Fresh water used in treatment (bbl): 127522

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3491843

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/24/2018 Hours: 24 Bbl oil: 67 Mcf Gas: 80 Bbl H2O: 200
Calculated 24 hour rate: Bbl oil: 67 Mcf Gas: 80 Bbl H2O: 200 GOR: 1194
Test Method: Flowing Casing PSI: 2400 Tubing PSI: 1500 Choke Size: 12/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1297 API Gravity Oil: 43
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7671 Tbg setting date: 03/21/2019 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 are correct and do not need revision.

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: 3/28/2019 Email: Callie.Fiddes@Anadarko.com

Attachment Check List

Att Doc Num Name

401988310 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)