

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:

401987263

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

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 05-123-45910-00

7. Well Name: AZUL

6. County: WELD

Well Number: 13-8HZ

8. Location: QtrQtr: SWSW 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: 01/22/2019 End Date: 01/28/2019 Date of First Production this formation: 02/19/2019
Perforations Top: 7925 Bottom: 12697 No. Holes: 600 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 7925-12697.

619 BBL 15% HCL ACID, 4,570 BBL PUMP DOWN, 128,112 BBL SLICKWATER, 133,301 TOTAL FLUID, 3,820,625# 40/70 OTTAWA/ST. PETERS, 3,820,625# TOTAL SAND.

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

Total fluid used in treatment (bbl): 133301

Max pressure during treatment (psi): 7754

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): 0.92

Total acid used in treatment (bbl): 619

Number of staged intervals: 25

Recycled water used in treatment (bbl): 750

Flowback volume recovered (bbl): 13076

Fresh water used in treatment (bbl): 131932

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3820625

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 03/20/2019 Hours: 24 Bbl oil: 77 Mcf Gas: 301 Bbl H2O: 201
Calculated 24 hour rate: Bbl oil: 77 Mcf Gas: 301 Bbl H2O: 201 GOR: 3909
Test Method: Flowing Casing PSI: 2100 Tubing PSI: 1800 Choke Size: 14/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1297 API Gravity Oil: 43
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7567 Tbg setting date: 03/19/2019 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 should be revised to 22' FNL, 1204' 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: 3/28/2019 Email: Callie.Fiddes@Anadarko.com

Attachment Check List

Att Doc Num **Name**

401987263 FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Permit | Treatment start date does not match frac focus Changed treatment start date per operator | 04/15/2019 |

Total: 1 comment(s)