

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:

402037503

Date Received:

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 05-123-47100-00

7. Well Name: COWBOY

8. Location: QtrQtr: SENE Section: 21 Township: 2N Range: 67W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 21-5HZ

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 03/11/2019 End Date: 04/02/2019 Date of First Production this formation: 04/26/2019
Perforations Top: 7824 Bottom: 21237 No. Holes: 1344 Hole size: 0.44
Provide a brief summary of the formation treatment: Open Hole: ☐

PERF AND FRAC FROM 7824-21237.

742 BBL 15% HCL ACID, 76 BBL 7.5% HCL ACID, 21,575 BBL PUMP DOWN, 473,720 BBL SLICKWATER, 496,113 TOTAL FLUID, 10,755,235# 40/70 OTTAWA/ST. PETERS, 10,755,235# TOTAL SAND.

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

Total fluid used in treatment (bbl): 496113

Max pressure during treatment (psi): 7801

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): 0.91

Total acid used in treatment (bbl): 818

Number of staged intervals: 56

Recycled water used in treatment (bbl): 3000

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 492295

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 10755235

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/22/2019 Hours: 24 Bbl oil: 166 Mcf Gas: 324 Bbl H2O: 307
Calculated 24 hour rate: Bbl oil: 166 Mcf Gas: 324 Bbl H2O: 307 GOR: 1952
Test Method: Flowing Casing PSI: 2500 Tubing PSI: 1500 Choke Size: 13/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1297 API Gravity Oil: 46
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7567 Tbg setting date: 05/17/2019 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 2625' FNL, 1151' FEL, Sec 21.

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: Email: Callie.Fiddes@Anadarko.com

Attachment Check List

Att Doc Num Name

Total Attach: 0 Files

General Comments

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

Total: 0 comment(s)