

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:

402037672

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 05-123-47101-00

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: 21-6HZ

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: 7859 Bottom: 21157 No. Holes: 1322 Hole size: 0.44

Provide a brief summary of the formation treatment:

Open Hole: ☐

PERF AND FRAC FROM 7859-21157.

816 BBL 15% HCL ACID, 86 BBL 7.5% HCL ACID, 20,855 BBL PUMP DOWN, 467,152 BBL SLICKWATER, 488,909 TOTAL FLUID, 10,663,230# 40/70 OTTAWA/ST. PETERS, 10,663,230 TOTAL SAND.

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

Total fluid used in treatment (bbl): 488909

Max pressure during treatment (psi): 7744

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): 902

Number of staged intervals: 55

Recycled water used in treatment (bbl): 600

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 487407

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 10663230

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/23/2019 Hours: 24 Bbl oil: 144 Mcf Gas: 359 Bbl H2O: 307
Calculated 24 hour rate: Bbl oil: 144 Mcf Gas: 359 Bbl H2O: 307 GOR: 2493
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: 7575 Tbg setting date: 05/18/2019 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 2467' FNL, 1004' 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)