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: 401852777

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 05-123-43574-00
6. County: WELD
7. Well Name: NORDEN
Well Number: 27N-14HZ
8. Location: QtrQtr: SWSE Section: 14 Township: 1N Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/20/2018 End Date: 08/24/2018 Date of First Production this formation: 11/02/2018

Perforations Top: 7815 Bottom: 12102 No. Holes: 696 Hole size: 0.44

Provide a brief summary of the formation treatment: Open Hole: ☐

PERF AND FRAC FROM 7815-12102.

276 BBL 7.5% HCL ACID, 2,514 BBL PUMP DOWN, 150,938 BBL SLICKWATER, 153,728 TOTAL FLUID, 3,458,915# 40/70 OTTAWA/ST. PETERS, 3,458,915# TOTAL SAND.

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

Total fluid used in treatment (bbl): 153728 Max pressure during treatment (psi): 7768

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): 276 Number of staged intervals: 22

Recycled water used in treatment (bbl): 750 Flowback volume recovered (bbl): 7141

Fresh water used in treatment (bbl): 152702 Disposition method for flowback: RECYCLE

Total proppant used (lbs): 3458915 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/28/2018 Hours: 24 Bbl oil: 161 Mcf Gas: 213 Bbl H2O: 87

Calculated 24 hour rate: Bbl oil: 161 Mcf Gas: 213 Bbl H2O: 87 GOR: 1323

Test Method: Flowing Casing PSI: 1400 Tubing PSI: Choke Size: 14/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1707 API Gravity Oil: 55

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7303 Tbg setting date: 11/25/2018 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 948' FSL, 1479' FEL, Sec 14.

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

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)