

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:

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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 05-123-45918-00

7. Well Name: AZUL

8. Location: QtrQtr: SESW Section: 13 Township: 1N Range: 66W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 13-10HZ

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: <input type="checkbox"/> |
| 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: | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <input checked="" type="checkbox"/> | |
| 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: <input type="checkbox"/> Yes <input type="checkbox"/> 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: | 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)