

FORM  
5ARev  
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



DE ET OE ES

Document Number:

401890330

Date Received:

02/11/2019

## 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: 10447  
 2. Name of Operator: URSA OPERATING COMPANY LLC  
 3. Address: 950 17TH STREET, SUITE 1900  
 City: DENVER State: CO Zip: 80202  
 4. Contact Name: CARI MASCIOLI  
 Phone: (970) 284-3244  
 Fax:  
 Email: cmascioli@ursaresources.com

5. API Number 05-103-12296-00  
 6. County: RIO BLANCO  
 7. Well Name: BOIES RANCH B-19N  
 Well Number: FED 23B-19-2-97  
 8. Location: QtrQtr: SESW Section: 19 Township: 2S Range: 97W Meridian: 6  
 9. Field Name: SULPHUR CREEK Field Code: 80090

## Completed Interval

FORMATION: WILLIAMS FORK-ILES Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/24/2018 End Date: 01/12/2019 Date of First Production this formation: 01/22/2019

Perforations Top: 6663 Bottom: 10896 No. Holes: 756 Hole size: 37/100

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

Frac'd with 25,691 bbls of fresh water, 233,649 bbls of 2% KCl slickwater and no proppant. Frac pair with Boies Ranch B-19N FED 33B-19-2-97 (API #05-103-12302).

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

Total fluid used in treatment (bbl): 259610

Max pressure during treatment (psi): 7653

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.40

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.68

Total acid used in treatment (bbl):

Number of staged intervals: 14

Recycled water used in treatment (bbl): 233649

Flowback volume recovered (bbl): 78134

Fresh water used in treatment (bbl): 25961

Disposition method for flowback: RECYCLE

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

## Test Information:

Date: 02/06/2019 Hours: 24 Bbl oil: 0 Mcf Gas: 3374 Bbl H2O: 4636

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 3374 Bbl H2O: 4636 GOR: 0

Test Method: Flowing Casing PSI: 725 Tubing PSI: 1300 Choke Size: 66/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1035 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8771 Tbg setting date: 01/21/2019 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:

WELLBORE DIAGRAM ATTACHED. PLEASE NOTE, THE TPZ FOOTAGES INCLUDED WITH THE ASSOCIATED FORM 5 SUBMITTAL WERE PLANNED FOOTAGES AS THE WELL HAD NOT YET BEEN COMPLETED. AS-DRILLED TPZ FOOTAGES ARE AS FOLLOWS:

2275' FSL, 1821' FWL, SECTION 19-T2S-R97W

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: CARI MASCIOLI

Title: REGULATORY ANALYST Date: 2/11/2019 Email: cmascioli@ursaresources.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

401890330	FORM 5A SUBMITTED
401932672	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**

**Comment Date**

Permit	Passed Completion review.	06/19/2020
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Total: 1 comment(s)