

**FORM  
5**Rev  
09/14**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401387374

Date Received:

11/03/2017

**DRILLING COMPLETION REPORT**

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10447 Contact Name: CARI MASCIOLI  
Name of Operator: URSA OPERATING COMPANY LLC Phone: (970) 284-3244  
Address: 1600 BROADWAY ST STE 2600 Fax: \_\_\_\_\_  
City: DENVER State: CO Zip: 80202

API Number 05-045-23318-00 County: GARFIELD  
Well Name: BMC B Well Number: 23D-18-07-95  
Location: QtrQtr: SWNW Section: 18 Township: 7S Range: 95W Meridian: 6  
Footage at surface: Distance: 2261 feet Direction: FNL Distance: 623 feet Direction: FWL  
As Drilled Latitude: 39.438801 As Drilled Longitude: -108.046693

## GPS Data:

Date of Measurement: 10/04/2017 PDOP Reading: 1.9 GPS Instrument Operator's Name: HOFFMANN\*\* If directional footage at Top of Prod. Zone Dist.: 1464 feet Direction: FSL Dist.: 1910 feet Direction: FWLSec: 18 Twp: 7S Rng: 95W\*\* If directional footage at Bottom Hole Dist.: 1464 feet Direction: FSL Dist.: 1910 feet Direction: FWLSec: 18 Twp: 7S Rng: 95WField Name: WILDCAT Field Number: 99999

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 06/01/2017 Date TD: 06/09/2017 Date Casing Set or D&A: 06/09/2017Rig Release Date: 09/05/2017 Per Rule 308A.b.

## Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 6691 TVD\*\* 6012 Plug Back Total Depth MD 6618 TVD\*\* 5939Elevations GR 5100 KB 5117 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL/Mud/PULSED NEUTRON/TRIPLE COMBO ON 045-23327**CASING, LINER AND CEMENT**

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| CONDUCTOR   | 24           | 16             | 75    | 0             | 92            | 70        | 0       | 92      | VISU   |
| SURF        | 12+1/4       | 8+5/8          | 32    | 0             | 1,965         | 427       | 0       | 1,965   | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6  | 0             | 6,663         | 685       | 200     | 6,663   | CBL    |

### STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: \_\_\_\_\_

| Method used | String | Cementing tool setting/perf depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
|             |        |                                   |               |            |               |

Details of work:

### FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth |        | Check if applies |       | COMMENTS (All DST and Core Analysis must be submitted to COGCC) |
|----------------|----------------|--------|------------------|-------|---|
|                | Top            | Bottom | DST              | Cored |   |
| WILLIAMS FORK  | 3,562          |        | NO               | NO    |   |
| CAMEO          | 6,193          |        | NO               | NO    |   |
| ROLLINS        | 6,508          |        | NO               | NO    |   |

#### Operator Comments

LAT/LONGS PROVIDED IN THE WELL INFORMATION SECTION ARE ACTUAL, AS-DRILLED COORDINATES. AS DRILLED COORDINATES WERE TAKEN AT THE TIME THE CONDUCTOR PIPE WAS SET.

LOGS HAVE BEEN RUN ON THIS WELL AND ARE PROVIDED WITH THIS FORM 5 SUBMITTAL. TOP OF PRODUCTION ZONE FOOTAGES ARE ESTIMATED AS THIS WELL HAS NOT YET BEEN COMPLETED. ACTUAL TPZ FOOTAGES WILL BE PROVIDED AT THE TIME OF THE FORM 5A SUBMITTAL.

WASATCH IS BEHIND SURFACE CASING AND THEREFORE WAS NOT LOGGED AND A TOP CANNOT BE DETERMINED.

THE OHIO CREEK IS NOT PRESENT.

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: 11/3/2017 Email: cmascioli@ursaresources.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ? |                                     |    |                                     |
|-----------------------------|-----------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> |                       |            |                                     |    |                                     |
| 401444833                   | CMT Summary *         | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | Core Analysis         | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| 401444827                   | Directional Survey ** | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | DST Analysis          | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
|                             | Logs                  | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | Other                 | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| <u>Other Attachments</u>    |                       |            |                                     |    |                                     |
| 401387374                   | FORM 5 SUBMITTED      | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401444826                   | WELL LOCATION PLAT    | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401444835                   | DIRECTIONAL DATA      | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401448546                   | PDF-MUD               | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401448550                   | LAS-MUD               | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401448552                   | PDF-PULSED NEUTRON    | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401448553                   | LAS-PULSED NEUTRON    | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401448575                   | PDF-CEMENT BOND       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401448596                   | LAS-CEMENT BOND       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             |                       |            |                                     |    |                                     |

### General Comments

| <u>User Group</u> | <u>Comment</u>   | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Engineering Tech  | Waiting on an Operator response regarding the Wasatch & Ohio Creek formations tops per the COA for adequate cement coverage on the related Form 2.<br>Added Operator provided comments in the Submit to explain the lack of formation tops(Wasatch/Ohio Creek).<br><ul style="list-style-type: none"> <li>• Corrected the "Cement Top" from 598' to 200' per the Cement Bond Log</li> <li>• Corrected the TD Date to reflect the Mud log attachment</li> </ul> | 12/08/2017          |
| Permit            | The actual TPZ footages will be provided by the Operator on the Form 5A  | 12/04/2017          |

Total: 2 comment(s)