

FORM
5Rev
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:

401387426

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 05-045-23489-00

County: GARFIELD

Well Name: BMC B

Well Number: 41D-13-07-96

Location: QtrQtr: Lot 3 Section: 18 Township: 7S Range: 95W Meridian: 6

Footage at surface: Distance: 2236 feet Direction: FNL Distance: 667 feet Direction: FWL

As Drilled Latitude: 39.438866 As Drilled Longitude: -108.046537

GPS Data:

Date of Measurement: 10/04/2017 PDOP Reading: 1.9 GPS Instrument Operator's Name: P. HOFFMANN

** If directional footage at Top of Prod. Zone Dist.: 1406 feet Direction: FNL Dist.: 473 feet Direction: FEL

Sec: 13 Twp: 7S Rng: 96W

** If directional footage at Bottom Hole Dist.: 1277 feet Direction: FNL Dist.: 673 feet Direction: FEL

Sec: 13 Twp: 7S Rng: 96W

Field Name: GRAND VALLEY

Field Number: 31290

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/22/2017 Date TD: 08/29/2017 Date Casing Set or D&A: 08/30/2017

Rig Release Date: 09/05/2017 Per Rule 308A.b.

Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 6490 TVD** 6054 Plug Back Total Depth MD 6422 TVD** 5986

Elevations 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	97	70	0	97	VISU
SURF	12+1/4	8+5/8	32	0	1,840	396	0	1,840	VISU
1ST	7+7/8	4+1/2	11.6	0	6,465	684	448	6,465	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	3,318		NO	NO	
CAMEO	5,968		NO	NO	
ROLLINS	6,321		NO	NO	

Operator Comments

THE WELLS ON THE BMC B PAD ARE CURRENTLY BEING COMPLETED.

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>					
401448217	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401448215	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>					
401387426	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401448218	WELL LOCATION PLAT	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401448219	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401450005	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401450007	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401450011	PDF-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401450013	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401450035	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401450085	LAS-PULSED NEUTRON	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. Added Operator provided comments in the Submit to explain the lack of formation tops(Wasatch/Ohio Creek). • Corrected the TPZ footages per the Operator guidance provided on the Form 5A#401387528	12/08/2017
Permit	The actual TPZ footages will be provided by the Operator on the Form 5A.	12/06/2017

Total: 2 comment(s)