

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:

401385964

Date Received:

12/14/2017

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: 10433

Contact Name: MEL LACKIE

Name of Operator: LARAMIE ENERGY LLC

Phone: (303) 339-4400

Address: 1401 SEVENTEENTH STREET #1400

Fax: (303) 339-4399

City: DENVER State: CO Zip: 80202

API Number 05-077-10378-00

County: MESA

Well Name: Bruton

Well Number: 19-20E

Location: QtrQtr: NENE Section: 30 Township: 9S Range: 93W Meridian: 6

Footage at surface: Distance: 64 feet Direction: FNL Distance: 1089 feet Direction: FEL

As Drilled Latitude: 39.255197 As Drilled Longitude: -107.806158

GPS Data:

Date of Measurement: 05/16/2017 PDOP Reading: 1.4 GPS Instrument Operator's Name: BART HUNTING

** If directional footage at Top of Prod. Zone Dist.: 460 feet Direction: FSL Dist.: 1343 feet Direction: FEL

Sec: 19 Twp: 9SW Rng: 93W

** If directional footage at Bottom Hole Dist.: 444 feet Direction: FSL Dist.: 1396 feet Direction: FEL

Sec: 19 Twp: 9S Rng: 93W

Field Name: BRUSH CREEK

Field Number: 7562

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 06/15/2017 Date TD: 06/17/2017 Date Casing Set or D&A: 06/18/2017

Rig Release Date: 08/10/2017 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 7757 TVD** 7709 Plug Back Total Depth MD 7663 TVD** 7615

Elevations GR 7425 KB 7449 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

RPM, PULSED NEUTRON, CBL, MUD

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	26	16	65	0	84	100	0	84	VISU
SURF	11	8+5/8	24	0	1,543	315	0	1,543	VISU
1ST	7+7/8	4+1/2	11.6	0	7,747	1,189	2,108	7,747	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	
OHIO CREEK	4,419				
WILLIAMS FORK	4,793				
CAMEO	6,698				
ROLLINS	7,522				

Operator Comments

NO OPEN HOLE LOGS RUN ON THIS WELL. TRIPLE COMBINATION LOGS WERE RUN ON BRUTON 19-19E (077-10368)

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

Signed: _____ Print Name: MEL LACKIE

Title: ENGINEERING TECHNICIAN Date: 12/14/2017 Email: mlackie@laramie-energy.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401402469	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401402472	Directional Survey **	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402474	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>					
401385964	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402470	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402475	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402478	PDF-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402481	PDF-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402484	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401402488	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401426650	LAS-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401426654	LAS-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401483151	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401485391	LAS-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401485393	LAS-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401485396	LAS-PULSED NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401485398	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	COAs reviewed	02/21/2018
Permit	Corrected SHL footages to match approved form 2. Operator has not submitted a surveyed well location plat. Added comment as to what well triple combo logs were run on.	02/06/2018
Permit	TPZ placed as per Form 5A #401439949.	01/03/2018
Engineering Tech	Returned to draft for the Operator to upload the entire logged interval(Pulsed Neutron) and the CBL.LAS(for adequate gamma coverage) • Corrected the comments in the Drilling/Submit tab. • Corrected the "Status" for the conductor and surface string of casing from CALC to VISU.	11/21/2017
Permit	Return to Draft for LAS log copies. TPZ to be posted when Form 5A is filed. Operator has supplied LAS logs. Changed BHL as per directional survey. 11/16/2017 dhs.	10/11/2017

Total: 5 comment(s)