

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:

401386293

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 05-077-10375-00 County: MESA
Well Name: Bruton Well Number: 19-20W
Location: QtrQtr: NENE Section: 30 Township: 9S Range: 93W Meridian: 6
Footage at surface: Distance: 68 feet Direction: FNL Distance: 1098 feet Direction: FEL
As Drilled Latitude: 39.255183 As Drilled Longitude: -107.806189

GPS Data:
Date of Measurement: 05/16/2017 PDOP Reading: 1.6 GPS Instrument Operator's Name: BART HUNTING

** If directional footage at Top of Prod. Zone Dist.: 473 feet Direction: FSL Dist.: 1277 feet Direction: FWL
Sec: 19 Twp: 9S Rng: 93W

** If directional footage at Bottom Hole Dist.: 430 feet Direction: FSL Dist.: 1251 feet Direction: FWL
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) 06/18/2017 Date TD: 06/22/2017 Date Casing Set or D&A: 06/23/2017
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 8557 TVD** 7673 Plug Back Total Depth MD 8457 TVD** 7573

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	1,550	319	0	1,550	VISU
1ST	7+7/8	4+1/2	11.6	0	8,547	1,332	5,744	8,547	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	5,165				
WILLIAMS FORK	5,592				
CAMEO	7,496				
ROLLINS	8,309				

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 ?	
Attachment Checklist			
401403000	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401403007	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403008	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"/>
Other Attachments			
401386293	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403005	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403009	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403010	PDF-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403012	PDF-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403015	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401403027	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401426670	LAS-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401426685	LAS-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401483207	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401485417	LAS-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401485418	LAS-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401485419	LAS-PULSED NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401485420	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	Low cement top resolved	03/26/2018
Engineering Tech	Low Top of Cenent 5744', Ohio Creek at 5165'	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 added as per Form 5A # 401440347.	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) <ul style="list-style-type: none">• 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/dhs.	10/11/2017

Total: 6 comment(s)