

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:

401390365

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 05-077-10379-00 County: MESA
Well Name: Bruton Well Number: 19-17W
Location: QtrQtr: NENE Section: 30 Township: 9S Range: 93W Meridian: 6
Footage at surface: Distance: 33 feet Direction: FNL Distance: 1116 feet Direction: FEL
As Drilled Latitude: 39.255258 As Drilled Longitude: -107.806236

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.: 1139 feet Direction: FSL Dist.: 1413 feet Direction: FWL
Sec: 19 Twp: 9S Rng: 93W

** If directional footage at Bottom Hole Dist.: 1133 feet Direction: FSL Dist.: 1351 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) 07/13/2017 Date TD: 07/16/2017 Date Casing Set or D&A: 07/17/2017
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 8520 TVD** 7691 Plug Back Total Depth MD 8419 TVD** 7590

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 | 1,547 | 315 | 0 | 1,547 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 8,510 | 1,338 | 2,980 | 8,510 | 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 | 4,967 | | | | |
| WILLIAMS FORK | 5,528 | | | | |
| CAMEO | 7,446 | | | | |
| ROLLINS | 8,263 | | | | |

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> | | | |
| 401405193 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 401405201 | Directional Survey ** | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401405205 | 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> | | | |
| 401390365 | FORM 5 SUBMITTED | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401405195 | WELLBORE DIAGRAM | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401405207 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401405218 | PDF-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401405229 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401405248 | PDF-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401409650 | PDF-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401426757 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401426760 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401483599 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401485822 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401485823 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401485824 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401485828 | 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 | 02/28/2018 |
| Permit | Corrected TPZ from 1165FSL to 1139FSL to reflect directional survey. 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. | 02/07/2018 |
| Permit | TPZ placed as per Form 5A 401470414. | 01/04/2018 |
| 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 | LAS logs supplied by operator.TPZ location to be added when Form 5A is submitted. Return to Draft for LAS log copies. TPZ to be posted when Form 5A is filed. (10/11/2017) | 11/20/2017 |

Total: 5 comment(s)