

FORM
5

Rev
02/20

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:

401819663

Date Received:

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/or 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: <u>10433</u> | Contact Name: <u>MEL LACKIE</u> |
| Name of Operator: <u>LARAMIE ENERGY LLC</u> | Phone: <u>(303) 339-4400</u> |
| Address: <u>1401 SEVENTEENTH STREET #1401</u> | Fax: <u>(303) 339-4399</u> |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> | Email: <u>mlackie@laramie-energy.com</u> |

| | |
|--|--|
| API Number <u>05-077-10508-00</u> | County: <u>MESA</u> |
| Well Name: <u>BCU</u> | Well Number: <u>0993-21-05E</u> |
| Location: QtrQtr: <u>SWNW</u> Section: <u>21</u> Township: <u>9S</u> Range: <u>93W</u> Meridian: <u>6</u> | |
| | FNL/FSL FEL/FWL |
| Footage at surface: Distance: <u>1522</u> feet Direction: <u>FNL</u> Distance: <u>1039</u> feet Direction: <u>FWL</u> | |
| As Drilled Latitude: <u>39.265424</u> As Drilled Longitude: <u>-107.780123</u> | |
| GPS Data: GPS Quality Value: <u>1.4</u> Type of GPS Quality Value: <u>PDOP</u> Date of Measurement: <u>05/25/2017</u> | |
| GPS Instrument Operator's Name: <u>T SHERRILL</u> | FNL/FSL FEL/FWL |
| ** If directional footage at Top of Prod. Zone Dist: <u>1106</u> feet Direction: <u>FNL</u> Dist: <u>1343</u> feet Direction: <u>FEL</u> | |
| Sec: <u>21</u> Twp: <u>9S</u> Rng: <u>93W</u> | FNL/FSL FEL/FWL |
| ** If directional footage at Bottom Hole Dist: <u>1091</u> feet Direction: <u>FNL</u> Dist: <u>1332</u> feet Direction: <u>FEL</u> | |
| Sec: <u>21</u> Twp: <u>9S</u> Rng: <u>93W</u> | |
| Field Name: <u>BUZZARD CREEK</u> Field Number: <u>9500</u> | |
| Federal, Indian or State Lease Number: _____ | |

Spud Date: (when the 1st bit hit the dirt) 10/01/2018 Date TD: 10/04/2018 Date Casing Set or D&A: 10/05/2018
 Rig Release Date: 11/03/2018 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

| |
|---|
| Total Depth MD <u>8588</u> TVD** <u>7761</u> Plug Back Total Depth MD <u>8495</u> TVD** <u>7668</u> |
| Elevations GR <u>7257</u> KB <u>7287</u> Digital Copies of ALL Logs must be Attached per Rule 308A <input checked="" type="checkbox"/> |

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 | 37 | 0 | 90 | 100 | 0 | 90 | VISU |
| SURF | 11 | 8+5/8 | 24 | 0 | 1,574 | 267 | 0 | 1,574 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 8,578 | 1,161 | 1,640 | 8,578 | 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 | |
| WASATCH G | 2,943 | | | | |
| OHIO CREEK | 5,177 | | | | |
| WILLIAMS FORK | 5,720 | | | | |
| CAMEO | 7,599 | | | | |
| ROLLINS | 8,287 | | | | |

Operator Comments:

NO OH LOGS RUN ON THIS WELL. THE ONLY WELL ON THIS PAD THAT WAS OH LOGGED WAS THE BCU 0993 21-08W (API# 0507710525).

9/17/2020 As drilled footages for TPZ & BHL have been added.

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: _____ Email: mlackie@laramie-energy.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|-----------------------|---|--|
| Attachment Checklist | | | |
| 401863773 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 401863769 | 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 | | | |
| 401863766 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863772 | WELLBORE DIAGRAM | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863801 | PDF-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863802 | PDF-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863804 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863805 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863809 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863812 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401863819 | PDF-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401868260 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401879326 | PDF-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401879334 | LAS-PULSED NEUTRON | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401879336 | 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> |
|-------------------|---|---------------------|
| Permit | RTD – missing “as drilled” TPZ and BHL. | 08/13/2020 |

Total: 1 comment(s)

