

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:

402416558

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: 69175 Contact Name: Cassie Gonzalez  
Name of Operator: PDC ENERGY INC Phone: (303) 860-5800  
Address: 1775 SHERMAN STREET - STE 3000 Fax:  
City: DENVER State: CO Zip: 80203 Email: Cassie.Gonzalez@pdce.com

API Number 05-123-45965-00 County: WELD  
Well Name: Ferguson Well Number: 23F-302  
Location: QtrQtr: SWNW Section: 23 Township: 5N Range: 64W Meridian: 6  
FNL/FSL FEL/FWL  
Footage at surface: Distance: 2199 feet Direction: FNL Distance: 421 feet Direction: FWL  
As Drilled Latitude: 40.386040 As Drilled Longitude: -104.524890  
GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 10/07/2019  
GPS Instrument Operator's Name: Brock Nelson  
FNL/FSL FEL/FWL  
\*\* If directional footage at Top of Prod. Zone Dist: 1195 feet Direction: FNL Dist: 40 feet Direction: FEL  
Sec: 22 Twp: 5N Rng: 64W  
FNL/FSL FEL/FWL  
\*\* If directional footage at Bottom Hole Dist: 1185 feet Direction: FNL Dist: 2241 feet Direction: FEL  
Sec: 24 Twp: 5N Rng: 64W  
Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/31/2019 Date TD: 03/14/2020 Date Casing Set or D&A: 03/16/2020  
Rig Release Date: 04/19/2020 Per Rule 308A.b.

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

Total Depth MD 15519 TVD\*\* 6570 Plug Back Total Depth MD 15494 TVD\*\* 6570  
Elevations GR 4575 KB 4598 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, MWD (DIL in 123-16776)

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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF        | 12+1/4       | 9+5/8          | 36    | 0             | 1,671         | 770       | 0       | 1,671   | VISU   |
| 1ST         | 8+1/2        | 5+1/2          | 20    | 0             | 15,509        | 2,591     | 1,600   | 15,509  | 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 |   |
| PARKMAN        | 3,496          |        |                  |       |   |
| SUSSEX         | 4,275          |        |                  |       |   |
| SHARON SPRINGS | 6,563          |        |                  |       |   |
| NIOBRARA       | 6,656          |        |                  |       |   |

Operator Comments:

This well has not yet been completed. Anticipated date of completion is 4th Quarter 2022.  
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form5A.  
We drilled the curve with the regular BHA and then came out and picked up the rotary steerable tool, since they were two different sizes (8 3/4 and 8 1/2), we split them out to reflect that. 8 3/4 ran from 1,671' to 7,467' and 8 1/2 ran from 7,467' to 15,509'.  
Open Hole Logging exception-No open hole logs were run; Cased hole neutron run on Ferguson 23G-202 (API: 05-123-45970).  
Shannon formation is not present.  
TOC comments from our Engineer: 5.5" VDL/Amp show cmt to 1,600'.

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

Signed: \_\_\_\_\_ Print Name: Cassie Gonzalez

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <b>Attachment Checklist</b> |                       |   |  |
| 402416627                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 402416629                   | 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"/> |
| <b>Other Attachments</b>    |                       |   |  |
| 402416616                   | LAS-CBL 1ST RUN       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402416618                   | PDF-CBL 1ST RUN       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402416620                   | LAS-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402416624                   | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402416631                   | DIRECTIONAL DATA      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                | Stamp Upon Approval |

Total: 0 comment(s)

