

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



|    |    |    |    |
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| DE | ET | OE | ES |
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Document Number:

402009861

Date Received:

## DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

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

API Number 05-123-46838-00

County: WELD

Well Name: Lory

Well Number: 9N

Location: QtrQtr: SWSE Section: 33 Township: 4N Range: 65W Meridian: 6

Footage at surface: Distance: 496 feet Direction: FSL Distance: 2210 feet Direction: FEL

As Drilled Latitude: 40.262970 As Drilled Longitude: -104.666800

## GPS Data:

Date of Measurement: 03/08/2019 PDOP Reading: 1.5 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 737 feet. Direction: FSL Dist.: 1079 feet. Direction: FEL

Sec: 33 Twp: 4N Rng: 65W

\*\* If directional footage at Bottom Hole Dist.: 152 feet. Direction: FNL Dist.: 1087 feet. Direction: FEL

Sec: 28 Twp: 4N Rng: 65W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 12/01/2018 Date TD: 12/27/2018 Date Casing Set or D&amp;A: 12/29/2018

Rig Release Date: 02/18/2019 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 17228 TVD\*\* 6960 Plug Back Total Depth MD 17212 TVD\*\* 6960

Elevations GR 4818 KB 4841 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, MWD (DIL in 123-16769)

## 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             | 1,677         | 782       | 0       | 1,677   | VISU   |
| 1ST         | 8+1/2        | 5+1/2          | 20    | 0             | 17,227        | 2,720     | 1,640   | 17,227  | 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        | 3,957          |        |                  |       |                                                                 |
| SUSSEX         | 4,585          |        |                  |       |                                                                 |
| SHANNON        | 5,180          |        |                  |       |                                                                 |
| SHARON SPRINGS | 7,022          |        |                  |       |                                                                 |
| NIOBRARA       | 7,144          |        |                  |       |                                                                 |

Comment:

Spud Date is correct.  
This well has not yet been completed. Anticipated date of completion is 1st Quarter 2020.  
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form 5A.  
Open hole logging exception, no open hole logs were run on this pad; Cased hole neutron run on Lory 1N (API: 05-123-46886).

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 Technician

Date: \_\_\_\_\_

Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |                                        |
|-----------------------------|-----------------------|-----------------------------------------|----------------------------------------|
| <u>Attachment Checklist</u> |                       |                                         |                                        |
| 402010045                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 402010047                   | 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>    |                       |                                         |                                        |
| 402010030                   | LAS-CBL 1ST RUN       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010031                   | PDF-CBL 1ST RUN       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010033                   | LAS-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010037                   | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010039                   | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010040                   | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010041                   | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 402010048                   | 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)

