

FORM
5Rev
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:

402196804

Date Received:

10/07/2019

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 05-123-49452-00

County: WELD

Well Name: Red Cloud

Well Number: 9N

Location: QtrQtr: SENE Section: 1 Township: 4N Range: 64W Meridian: 6
FNL/FSL FEL/FWL

Footage at surface: Distance: 1528 feet Direction: FNL Distance: 764 feet Direction: FEL

As Drilled Latitude: 40.344480 As Drilled Longitude: -104.492290

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 09/03/2019

GPS Instrument Operator's Name: Tyler Blessing

FNL/FSL

FEL/FWL

** If directional footage at Top of Prod. Zone Dist: 2265 feet Direction: FNL Dist: 737 feet Direction: FEL
Sec: 1 Twp: 4N Rng: 64W

FNL/FSL

FEL/FWL

** If directional footage at Bottom Hole Dist: 2264 feet Direction: FNL Dist: 51 feet Direction: FWL
Sec: 2 Twp: 4N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/29/2019 Date TD: 08/02/2019 Date Casing Set or D&A: 08/06/2019

Rig Release Date: 08/16/2019 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 16628 TVD** 6566 Plug Back Total Depth MD 16105 TVD** 6564

Elevations GR 4602 KB 4625

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD (DIL in 123-17425)

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 | 1,680 | 800 | 0 | 1,680 | VISU |
| 1ST | 8+1/2 | 5+1/2 | 20 | 0 | 16,120 | 2,985 | 1,860 | 16,120 | 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 | 3,557 | | | | |
| SUSSEX | 4,242 | | | | |
| SHANNON | 4,808 | | | | |
| SHARON SPRINGS | 6,578 | | | | |
| NIOBRARA | 6,695 | | | | |

Operator Comments:

Spud date is correct on Form 5 and incorrect on COGCC's website.
This well has not yet been completed. Anticipated date of completion is 3rd Quarter 2020.
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form5A.
Open hole logging exception, no open hole logs were run; Cased hole neutron run on Red Cloud 0N (API: 05-123-49445).
TOC comments from our Engineer: 5.5" TOC, 14# lead with decreasing amplitude and VDL showing signs of bonding.

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: 10/7/2019 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | | | |
|-----------------------------|-----------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> | | | | | |
| 402197048 | CMT Summary * | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197049 | CMT Summary * | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| | Core Analysis | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| 402197050 | 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> | | | | | |
| 402196804 | FORM 5 SUBMITTED | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197039 | LAS-CBL 1ST RUN | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197040 | PDF-CBL 1ST RUN | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197042 | LAS-MWD/LWD | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197044 | PDF-MWD/LWD | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197045 | PDF-MWD/LWD | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| 402197051 | DIRECTIONAL DATA | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| | | | | | |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|-----------------------------|---------------------|
| Permit | Permitting review complete. | 06/02/2021 |

Total: 1 comment(s)