

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:

401658246

Date Received:

06/06/2018

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: 69175 Contact Name: Ally Ota
Name of Operator: PDC ENERGY INC Phone: (303) 860-5800
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 831-3988
City: DENVER State: CO Zip: 80203

API Number 05-123-44585-00 County: WELD
Well Name: Fern Well Number: 11V-214
Location: QtrQtr: NWNW Section: 11 Township: 5N Range: 65W Meridian: 6
Footage at surface: Distance: 306 feet Direction: FNL Distance: 689 feet Direction: FWL
As Drilled Latitude: 40.420470 As Drilled Longitude: -104.637620

GPS Data:
Date of Measurement: 04/24/2018 PDOP Reading: 2.3 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 928 feet Direction: FNL Dist.: 3 feet Direction: FWL
Sec: 11 Twp: 5N Rng: 65W

** If directional footage at Bottom Hole Dist.: 941 feet Direction: FNL Dist.: 2529 feet Direction: FEL
Sec: 9 Twp: 5N Rng: 65W

Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 02/28/2018 Date TD: 03/04/2018 Date Casing Set or D&A: 03/06/2018
Rig Release Date: 04/09/2018 Per Rule 308A.b.

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

Total Depth MD 14996 TVD** 6720 Plug Back Total Depth MD 14976 TVD** 6720
Elevations GR 4619 KB 4642 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD, (DIL in 123-44580)

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 | 1,635 | 760 | 0 | 1,635 | VISU |
| 1ST | 8+1/2 | 5+1/2 | 20 | 0 | 14,990 | 1,827 | 1,252 | 14,996 | 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 | 3,626 | | | | |
| SUSSEX | 4,311 | | | | |
| SHANNON | 4,838 | | | | |
| SHARON SPRINGS | 6,506 | | | | |
| NIOBRARA | 6,712 | | | | |

Operator Comments

This well has not yet been completed. Anticipated date of completion is 3rd Quarter 2018.
Top of Productive Zone Footage is based on approved APD footages.
No open hole log run on this well; Open Hole Log run on Fern 11U-334 (API: 05-123-44580).

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: 6/6/2018 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|----------------------------|---|--|
| Attachment Checklist | | | |
| 401658281 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658282 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 401658283 | 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 | | | |
| 401658246 | DRILLING COMPLETION REPORT | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658264 | LAS-CBL 1ST RUN | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658266 | PDF-CBL 1ST RUN | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658269 | LAS-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658270 | PDF-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658272 | PDF-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658274 | PDF-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658277 | PDF-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401658284 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402120421 | FORM 5 SUBMITTED | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Engineering Tech | Corrected 1st string casing cement top per CBL Corrected 1st string cement bottom to TD per directional survey | 07/24/2019 |
| Permit | Changed TPZ based on directional survey and 5A | 07/22/2019 |

Total: 2 comment(s)

