

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:

400707839

Date Received:

05/31/2017

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 Gale
Name of Operator: PDC ENERGY INC Phone: (303) 862-5800
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838
City: DENVER State: CO Zip: 80203

API Number 05-123-37924-00 County: WELD
Well Name: Harvesters Resources Well Number: 15R-323
Location: QtrQtr: NENE Section: 15 Township: 6N Range: 66W Meridian: 6
Footage at surface: Distance: 330 feet Direction: FNL Distance: 608 feet Direction: FEL
As Drilled Latitude: 40.494690 As Drilled Longitude: -104.756320

GPS Data:
Date of Measurement: 07/01/2014 PDOP Reading: 1.8 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 745 feet Direction: FNL Dist.: 1045 feet. Direction: FEL

Sec: 15 Twp: 6N Rng: 66W

** If directional footage at Bottom Hole Dist.: 501 feet Direction: FSL Dist.: 1055 feet. Direction: FEL

Sec: 15 Twp: 6N Rng: 66W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/13/2014 Date TD: 04/23/2014 Date Casing Set or D&A: 04/23/2014

Rig Release Date: 05/05/2014 Per Rule 308A.b.

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

Total Depth MD 11619 TVD** 7130 Plug Back Total Depth MD 11588 TVD** 7133

Elevations GR 4815 KB 4830 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD (DIL in 123-24270)

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	13+3/4	9+5/8	36	0	930	830	0	930	VISU
1ST	8+3/4	7	26	0	7,540	660	0	7,540	VISU
1ST LINER	6+1/8	4+1/2	13.5	7414	11,592				

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	3,713				
SUSSEX	4,255				
SHANNON	4,908				
SHARON SPRINGS	6,921				
NIOBRARA	7,060				

Operator Comments

No open hole logs were run on this pad. APD was approved with no logging BMPs or Exceptions.
MWD not run in vertical portion of wellbore.

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

Signed: _____ Print Name: Ally Gale

Title: Regulatory Tech Date: 5/31/2017 Email: alexandria.gale@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401287121	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400707928	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>			
400707839	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400707911	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400707914	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400707932	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401287113	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401287114	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401287116	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401287118	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401287120	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Ready to approve.	06/22/2017
Permit	Ready to approve.	06/08/2017
Permit	Return to draft for AOC settlement.	09/07/2016

Total: 3 comment(s)