

FORM
5

Rev
12/20

State of Colorado

Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402797835

Date Received:

09/14/2021

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

ECMC Operator Number: 69175 Contact Name: Cassie Gonzalez
Name of Operator: PDC ENERGY INC Phone: (303) 860-5800
Address: 1099 18TH STREET SUITE 1500 Fax:
City: DENVER State: CO Zip: 80202 Email: Cassie.Gonzalez@pdce.com

API Number 05-123-48464-00 County: WELD
Well Name: Vega Well Number: 2N
Location: QtrQtr: SENW Section: 6 Township: 3N Range: 65W Meridian: 6
Footage at surface: Distance: 2329 feet Direction: FNL Distance: 2596 feet Direction: FWL
As Drilled Latitude: 40.255290 As Drilled Longitude: -104.706370
GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 10/15/2020
** If directional footage at Top of Prod. Zone Dist: 2173 feet Direction: FNL Dist: 515 feet Direction: FWL
** If directional footage at Bottom Hole Dist: 151 feet Direction: FNL Dist: 515 feet Direction: FWL
Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/31/2020 Date TD: 06/19/2021 Date Casing Set or D&A: 06/20/2021
Rig Release Date: 07/16/2021 Per Rule 308A.b.

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

Total Depth MD 15839 TVD** 7307 Plug Back Total Depth MD 15813 TVD** 7307
Elevations GR 4967 KB 4995 Digital Copies of ALL Logs must be Attached

List All Logs Run:
CBL, MWD (Cased Hole Neturon run on Vega 16N (API: 05-123-48476).)

FLUID VOLUMES USED IN DRILLING OPERATIONS
(Enter "0" if a type of a fluid was not used. Do not leave blank.)
Total Fluids (bbls): 6512 Fresh Water (bbls): 3020
Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 3796

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	9+5/8	J-55	36	0	1690	530	1690	0	VISU
1ST	8+1/2	5+1/2	P-110	20	0	15829	2115	15829	2240	CBL

Bradenhead Pressure Action Threshold 507 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

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 ECMC)
	Top	Bottom	DST	Cored	
PARKMAN	4,147				
SUSSEX	4,603				
SHANNON	5,353				
SHARON SPRINGS	7,505				
NIOBRARA	7,575				

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 Form 5A.
 Open Hole Logging Exception- no open hole logs were run on this well; Cased Hole Neturon run on Vega 16N (API: 05-123-48476).
 TOC comment from our Engineer:5.5" VDL\Amp\Sector Map show cmt to 2240'
 Well was drilled prior to adoption of WBI Rules and vendor did not create pressure chart to accompany surface cement verification report.
 KB elevations differ from Preliminary Form 5 to Final Form 5 due to well being drilled by two different rigs: a surface rig and a production casing rig.

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: 9/14/2021 Email: Cassie.Gonzalez@pdce.com

ATTACHMENT LIST

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402798833	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402798834	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402798835	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>			
402797835	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402798836	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402798839	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402798841	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402809949	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402809950	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	--The USIT log was run 9 months after the rig was released from the pad. It was submitted with a Form 4, both PDF and LAS. --TPZ updated from Final Form 5A, document #403475430 --Updated log comment from Submit tab to Drlg tab to match. --This form meets the requirements at the time it was filed. Passing Form.	02/15/2025
Engineering Tech	--Operator logged a USIT Sonic tool, submitted LAS on a Form 4 Sundry, but RTD for PDF.	05/18/2022

Total: 2 comment(s)