

FORM
5Rev
02/20State 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:

401985766

Date Received:

04/09/2019

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 05-123-45753-00

County: WELD

Well Name: Harold

Well Number: 6X-204

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

Footage at surface: Distance: 562 feet Direction: FSL Distance: 438 feet Direction: FEL

As Drilled Latitude: 40.335620 As Drilled Longitude: -104.585490

GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of Measurement: 02/25/2019

GPS Instrument Operator's Name: Devin Arnold

FNL/FSL

FEL/FWL

 ** If directional footage at Top of Prod. Zone Dist: 1474 feet Direction: FSL Dist: 149 feet Direction: FEL
 Sec: 6 Twp: 4N Rng: 64W

FNL/FSL

FEL/FWL

 ** If directional footage at Bottom Hole Dist: 1467 feet Direction: FSL Dist: 503 feet Direction: FWL
 Sec: 6 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) 01/09/2019 Date TD: 01/12/2019 Date Casing Set or D&A: 01/13/2019

Rig Release Date: 02/08/2019 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11900 TVD** 6883 Plug Back Total Depth MD 11884 TVD** 6883

Elevations GR 4788 KB 4811

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

List Electric Logs Run:

CBL, MWD (DIL in 123-17448)

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	1,631	760	0	1,631	VISU
1ST	8+1/2	5+1/2	20	0	11,899	1,710	2,450	11,900	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	3,833				
SUSSEX	4,501				
SHANNON	5,178				
SHARON SPRINGS	6,896				
NIOBRARA	6,961				

Operator Comments:

This well has not yet been completed. Anticipated date of completion is 4th Quarter 2019.
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 on this well; Cased hole neutron run on Harold 6X-202 (API: 05-123-45747).
Spud date is correct.

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: 4/9/2019 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401986416	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986418	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401986417	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>					
2114738	CEMENT BOND LOG	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
2114739	CEMENT BOND LOG	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985766	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986394	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986396	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986397	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986398	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986399	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401986419	DIRECTIONAL DATA	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 cement bottom per attached directional survey Corrected 1st string cement top per attached CBL Changed well status to WO Passed engineering review	04/13/2021
Permit	Removed incorrect CBL files. Attached new ones supplied by operator. Permitting review complete.	03/30/2021
Permit	Well name incorrect on CBL LAS and PDF. Emailed operator.	03/26/2021

Total: 3 comment(s)