

FORM
5

Rev
10/14

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:

400501581

Date Received:

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: <u>69175</u>	Contact Name: <u>Cassie Gonzalez</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 860-5800</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>Cassie.Gonzalez@pdce.com</u>

API Number <u>05-123-36964-00</u>	County: <u>WELD</u>
Well Name: <u>Waste Management</u>	Well Number: <u>2T-221</u>
Location: QtrQtr: <u>SESE</u> Section: <u>2</u> Township: <u>2N</u> Range: <u>64W</u> Meridian: <u>6</u>	
	FNL/FSL FEL/FWL
Footage at surface: Distance: <u>230</u> feet Direction: <u>FSL</u> Distance: <u>1046</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>40.160790</u> As Drilled Longitude: <u>-104.512870</u>	

GPS Data:

Date of Measurement: <u>08/14/2019</u>	PDOP Reading: <u>1.6</u>	GPS Instrument Operator's Name: <u>Tyler Blessing</u>
	FNL/FSL	FEL/FWL

** If directional footage at Top of Prod. Zone	Dist: <u>862</u> feet	Direction: <u>FSL</u>	Dist: <u>768</u> feet	Direction: <u>FEL</u>
Sec: <u>2</u>	Twp: <u>2N</u>	Rng: <u>64W</u>		
		FNL/FSL		FEL/FWL

** If directional footage at Bottom Hole	Dist: <u>500</u> feet	Direction: <u>FNL</u>	Dist: <u>812</u> feet	Direction: <u>FEL</u>
Sec: <u>2</u>	Twp: <u>2N</u>	Rng: <u>64W</u>		

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 08/19/2013 Date TD: 08/29/2013 Date Casing Set or D&A: 09/01/2013

Rig Release Date: 10/01/2013 Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 11189 TVD** 6724 Plug Back Total Depth MD 11181 TVD** 6724

Elevations GR 4893 KB 4916 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

CBL, MUD

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	942	850	0	942	VISU
1ST	8+3/4	7	26	0	7,178	659	0	7,178	CBL
1ST LINER	6+1/8	4+1/2	13.5	7054	11,185				

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	3,831				
SUSSEX	4,351				
SHANNON	5,156				
SHARON SPRINGS	6,624				
NIOBRARA	6,799				

Operator Comments:

No open hole logs were run. APD was approved in 2013 with no logging BMPs or exceptions. Corrections on CBL made by operator due to vendor losing large database files in truck fire. TOC comments from our Engineer: 7" TOC at surface, 11.2 lead with erratic amps near surface, changing VDL, and 8 bbls returned. MUD log attached in place of MWD.

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: _____ Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402143088	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402143085	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>			
402143049	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402143061	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402143062	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402143087	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402190074	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Return to draft for AOC settlement.	09/06/2016
Permit	Returned to Draft per operator's request.	05/07/2015

Total: 2 comment(s)

