

FORM
5Rev
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



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Document Number:

400491271

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

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

API Number 05-123-36954-00

County: WELD

Well Name: Waste Management

Well Number: 2i-401

Location: QtrQtr: SWSW Section: 2 Township: 2N Range: 64W Meridian: 6

Footage at surface: Distance: 230 feet Direction: FSL Distance: 620 feet Direction: FWL

As Drilled Latitude: 40.160860 As Drilled Longitude: -104.526060

GPS Data:

Date of Measurement: 10/20/2013 PDOP Reading: 1.7 GPS Instrument Operator's Name: Holly L. Tracy

** If directional footage at Top of Prod. Zone Dist.: 823 feet. Direction: FSL Dist.: 117 feet. Direction: FWL

Sec: 2 Twp: 2N Rng: 64W

** If directional footage at Bottom Hole Dist.: 500 feet. Direction: FNL Dist.: 156 feet. Direction: FWL

Sec: 2 Twp: 2N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 05/22/2013 Date TD: 06/01/2013 Date Casing Set or D&A: 06/02/2013

Rig Release Date: 07/06/2013 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11425 TVD** 7053 Plug Back Total Depth MD 11417 TVD** 7053

Elevations GR 4939 KB 4954 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	951	850	0	951	VISU
1ST	8+3/4	7	26	0	7,441	668	10	7,441	CBL
1ST LINER	6+1/8	4+1/2	13.5	7296	11,421				

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	3,918				
SUSSEX	4,265				
SHANNON	5,252				
SHARON SPRINGS	6,678				
NIOBRARA	6,797				
FORT HAYS	7,502				
CODELL	9,086				
CARLILE	9,271				

Comment:

Spud date is correct on Form 5 and incorrect on COGCC's website.
Logged depths on CBL corrected by operator 7/26/2019.
No open hole logs were run on this pad. APD was approved in 2013 with no logging BMPs or exceptions.
7" TOC comments: TOC @ fluid level. 11.2 ppg lead.
MUD log is being submitted 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>					
402090890	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402069791	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>					
402069774	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402069781	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402069782	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402069798	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402123375	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>
Permit	Return to draft for AOC settlement.	09/06/2016
Engineering Tech	CBL corrupted & cannot be read. Need PDF of Gamma Ray. & TVD & MD of Gamma Ray. requested new copy from Jen H. by 5/27/2015. Jen sent PDF of 6600' - 6870' on 5/21/15. Need .las of the 6600-6870' and PDF of the 6250' to 11425'. by 5/29/15	05/20/2015
Permit	Added logs submitted via hard copy. NEUTRON DENSITY RESISTIVITY LOG. Permitting Review Complete.	05/07/2015
Permit	Returned to Draft per operator's request.	05/07/2015
Permit	Missing formation tops. Missing directional data. Missing Directional Survey PDF.	05/07/2015

Total: 5 comment(s)

