

FORM
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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:

400706285

Date Received:

11/30/2016

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) 831-3931
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838
City: DENVER State: CO Zip: 80203

API Number 05-123-39223-00 County: WELD
Well Name: Alles Well Number: 22S-232
Location: QtrQtr: NESE Section: 22 Township: 5N Range: 65W Meridian: 6
Footage at surface: Distance: 2138 feet Direction: FSL Distance: 566 feet Direction: FEL
As Drilled Latitude: 40.383370 As Drilled Longitude: -104.641930

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.: 2287 feet Direction: FSL Dist.: 211 feet Direction: FWL
Sec: 23 Twp: 5N Rng: 65W

** If directional footage at Bottom Hole Dist.: 2331 feet Direction: FSL Dist.: 500 feet Direction: FEL
Sec: 23 Twp: 5N Rng: 65W

Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 03/30/2014 Date TD: 04/08/2014 Date Casing Set or D&A: 04/09/2014
Rig Release Date: 05/06/2014 Per Rule 308A.b.

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

Total Depth MD 11888 TVD** 6790 Plug Back Total Depth MD 11880 TVD** 6790

Elevations GR 4645 KB 4660 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD (DIL in 123-14163)

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	929	830	0	929	VISU
1ST	8+3/4	7	26	0	7,275	645	0	7,275	VISU
1ST LINER	6+1/8	4+1/2	13.5	7063	11,884				

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	3,626				
SUSSEX	4,227				
SHARON SPRINGS	6,544				
NIOBRARA	6,785				

Operator Comments

Shannon formation not present.
 No open hole logs were run on this pad. APD was approved in 2013 with no logging BMPs or exceptions.
 MWD was not run in vertical portion of wellbore.
 Lat/Long coordinates are as-drilled; Well was drilled exactly as proposed.

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: 11/30/2016 Email: alexandria.gale@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401143825	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400711241	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"/>
401157999	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Other Attachments			
400706285	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711234	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711235	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711242	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401126898	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401126899	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401126900	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401126901	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401126902	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401126910	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Engineer	Operator submitted cement Calc - OK. Reports 13 bbls cement returns -vs- cement job summary Vol Cement Ret (bbl) is blank. Submit Bradenhead Test within 30 days. Contacted operator venessa.langmacher@pdce.com regarding OWE mitigation for these wells: Lofland #44-22 (API #123-13064) Lorenz Farms #22-13 (API #123-19256) Lillie #1-23 (API #123-12868) Susan #1-23 (API #123-12902) Ready to Pass.	12/02/2016
Permit	Ready to pass. • Operator commented drilled as proposed.	12/01/2016
Permit	Return to draft for operator corrections.	11/28/2016
Engineer	CBL: Top of good bond 6380'-vs-Nbrr 6785'. Almost looks like free pipe 5650'-4250', 3700'-3550', 2750'-890'. Bond better 890'-FL 310'. Cmt Rtns: None.SUSX isolation not confirmed by CBL, per COA. Provide calculations as documentation of cement as pumped to verify Sussex isolation. Perform Bradenhead test.	11/16/2016
Permit	As drilled data lat/long is the same as the planned location data. Are they really the same? If not, please indicate as-drilled lat/long.	11/08/2016
Permit	Return to draft for AOC settlement.	09/06/2016

Total: 6 comment(s)