

**FORM
5**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:

400710344

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: _____
City: DENVER State: CO Zip: 80203

API Number 05-123-37800-00 County: WELD
Well Name: Alles Well Number: 22D-402
Location: QtrQtr: NESE Section: 22 Township: 5N Range: 65W Meridian: 6
Footage at surface: Distance: 2098 feet Direction: FSL Distance: 545 feet Direction: FEL
As Drilled Latitude: 40.383260 As Drilled Longitude: -104.641860

GPS Data:

Date of Measurement: 07/09/2014 PDOP Reading: 1.9 GPS Instrument Operator's Name: Devin Arnold** If directional footage at Top of Prod. Zone Dist.: 1396 feet Direction: FSL Dist.: 434 feet Direction: FELSec: 23 Twp: 5N Rng: 65W** If directional footage at Bottom Hole Dist.: 1430 feet Direction: FSL Dist.: 501 feet Direction: FELSec: 23 Twp: 5N Rng: 65WField Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 04/22/2014 Date TD: 05/04/2014 Date Casing Set or D&A: 05/05/2014Rig Release Date: 05/06/2014 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 12701 TVD** 6954 Plug Back Total Depth MD 12694 TVD** 6954Elevations 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	7,432	660	0	7,432	VISU
1ST LINER	6+1/8	4+1/2	13.5	7296	12,698				

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	3,687				
SUSSEX	4,337				
SHARON SPRINGS	6,607				
NIOBRARA	6,790				
FORT HAYS	7,334				
CODELL	7,500				
CARLILE	11,272				

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; This 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 ?			
<u>Attachment Checklist</u>					
401143806	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400710380	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"/>
401157929	Other	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
<u>Other Attachments</u>					
400710344	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400710370	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400710371	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400710381	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401126957	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401126958	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401126960	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401126961	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401126962	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401126965	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Operator submitted Cement Calc - OK. Submit Bradenhead Test within 30 days. Ready to pass.	12/02/2016
Permit	Operator commented well was drilled as proposed. Ready to pass.	12/01/2016
Permit	Return to draft for operator corrections.	11/28/2016
Engineer	CBL: Top of good bond 6500'-vs-Nbrr 6790'. Almost looks like free pipe 5800'-5600', 5400'-5250', 4200' up. FL 2500'. Cmt Rtns: Full, 10 bbl. 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)