



**Corporate Office**  
1775 Sherman Street, #3000  
Denver, Colorado 80203  
303.860.5800  
www.pdce.com

October 22, 2018

State of Colorado, Oil & Gas Conservation Commission  
Attn: Director  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: **Letter to the Director, Rule 317.p**  
Erwin 5N64W27 1-6  
Township 5 North, Range 64: Section 27: SE/4, Weld County, Colorado  
Wells: Erwin 1N (Doc 401805205), Erwin 2N (Doc 401805206), Erwin 3N (Doc 401805208), Erwin 4N (Doc 401805209), Erwin 5C (Doc 401805210), Erwin 6N (Doc 401805211)

Dear Director:

PDC Energy ("PDC") intends to drill and produce the above referenced horizontal oil and gas well(s), to be located as described above. PDC respectfully requests the Director to approve an exception to Rule 317.p for the referenced proposed wells, as adequate well log control exist in the records of offset wells drilled in the vicinity of the surface-hole location of the proposed new wells. In lieu of running an open hole log, one of the first wells drilled on the pad will be logged with Cased-hole Pulsed Neutron Log with Gamma Ray Log from kick-off point into the surface casing in addition to PDC's normal Gamma Ray/ Neutron (GR/N) log and CBL run on all wells on the pad.

The logs from the following prior-drilled well are proposed to provide adequate log coverage to characterize the geology of the area.

Well name(s) with Log	API #	Distance to well	Direction to well	Document Number	Type of Log
Herbst 27-6	05-123-12943	467'	NE	996630	Dual Induction

The Cased-hole Pulsed Neutron Log with Gamma Ray Log will be run from kick-off point into the surface casing on one of the first wells drilled on the pad. The CBL and Gamma Ray/ Neutron (GR/N) logs will be run on the 5-1/2" first string, from the top of the curve to surface, on all the proposed new wells on the subject pad. The horizontal portion of each well on the pad will be logged with a measured-while-drilling Gamma Ray log and all logs will be submitted to COGCC. The Drilling Completion Report- Form 5 submitted for each well will list all logs run in that well and indicate that no open-hole logs were run. PDC hereby requests the Director to grant an exception to Rule 317.p.

If you should have any questions or concerns regarding this permit, please contact the undersigned at (303) 318-6102.

Sincerely,

Venessa Chase  
Regulatory Supervisor (Wattenberg)  
PDC Energy, Inc.