



Corporate Office
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March 22, 2019

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**

Bross 5N65W33 1-20 Pad, SWNW and SENW, Sec. 33 (See Exhibit A attached to SUA for full legal description), T5N-R65W, Weld County, Colorado

Wells: Bross Federal 1N (Doc 401874738), 2N (Doc 401874759), 3N (Doc 401874764), 4N (Doc 401874785), 5N (Doc 401874789), 6N (Doc 401874802), 7N (Doc 401874805), 8N (Doc 401874811), 9N (Doc 401874834), 10N (Doc 401874839), 11N (Doc 401874863), 12N (Doc 401874874), 13N (Doc 401874877), 14N (Doc 401874879), 15N (Doc 401874881), 16N (Doc 401874882), 17N (Doc 401874885), 18N (Doc 401874888), 19N (Doc 401874890), 20N (Doc 401874893)

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 Numbers	Type of Log
Alles 33-4	05-123-14774	678'	NW	997922	Dual Induction Focused Log /Gamma Ray

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.

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If you should have any questions or concerns regarding this permit, please contact the undersigned at (303) 831-3931.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ally Ota".

Ally Ota
Regulatory Technician
PDC Energy, Inc.