

MAGPIE OPERATING, INC.

February 17, 2021

Ms. Julie Murphy, Director
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203

**RE: COGCC Rule 408.r. Open Hole Logging Exception Request
Bunker 8 Pad: NESW Section 29, Township 5 North, Range 68 West
Larimer County, Colorado**

Dear Director Murphy,

Magpie Operating, Inc. (Magpie) is planning to drill nine (9) horizontal wells on the above referenced pad:

BUNKER 8-1H	1960' FSL	2275' FWL	S29-T5N-R68W	Doc #402584550
BUNKER 8-2H	1990' FSL	2275' FWL	S29-T5N-R68W	Doc #402589219
BUNKER 8-3H	2020' FSL	2275' FWL	S29-T5N-R68W	Doc #402589804
BUNKER 8-4H	2050' FSL	2275' FWL	S29-T5N-R68W	Doc #402592018
BUNKER 8-5H	2080' FSL	2275' FWL	S29-T5N-R68W	Doc #402592125
BUNKER 8-6H	2210' FSL	2275' FWL	S29-T5N-R68W	Doc #402595872
BUNKER 8-7H	2140' FSL	2275' FWL	S29-T5N-R68W	Doc #402595875
BUNKER 8-8H	2170' FSL	2275' FWL	S29-T5N-R68W	Doc #402595876
BUNKER 8-9H	2200' FSL	2275' FWL	S29-T5N-R68W	Doc #402595877

Magpie respectfully requests the Director to approve an exception to rule 408.r for the above referenced wells.

This request is based on adequate well log control existing in the records of the offset well drilled within 750' of the surface 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 and CBL run on all wells on the pad. The horizontal portion of the well may be logged with a logging -while-drilling log. Proper notification will be provided on the Form 5 Drilling Completion report in the event that wells are logged in the horizontal section, or statement indicating that no open-hole logs were run.

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

Well Name	API Number	Distance & Direction	From	Log Doc #	Type of Log
Bunker #8	05-069-06327	168' W	Bunker 8-4H	977610	Gamma (Formation Density)
Bunker #8	05-069-06327	168' W	Bunker 8-4H	977609	Gamma (Array Induction)

Respectfully,

Jessica Donahue
Agent for Magpie Operating, Inc.