

BTA OIL PRODUCERS LLC
Application for Authorization for Injection
Owl, 20504 JV-P, #5
Section 18, T26S, R27E
Eddy County, NM

VIII. *Geologic Description of Injection Interval*

The proposed injection interval for the 20504 JV-P Owl #5 SWD is in the Cherry Canyon member of the Delaware Mountain Group. The Cherry Canyon is composed of sandstones and shales and is approximately 1100 feet thick in the area. The top of the Cherry Canyon can be found at 458' SSTVD. The proposed injection interval is 348 feet thick beginning at 367' SSTVD and has been perforated, stimulated, and swab tested with no hydrocarbon show. The known sources of fresh water are from shallow alluvium which is separated from the Delaware Mountain Group by thick evaporites. There are no known sources of fresh water underlying the proposed injection interval.