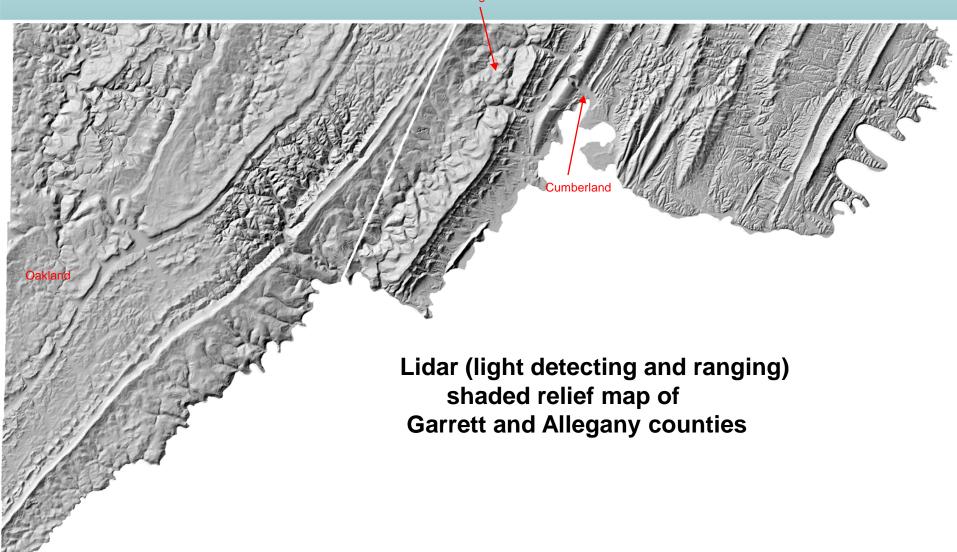
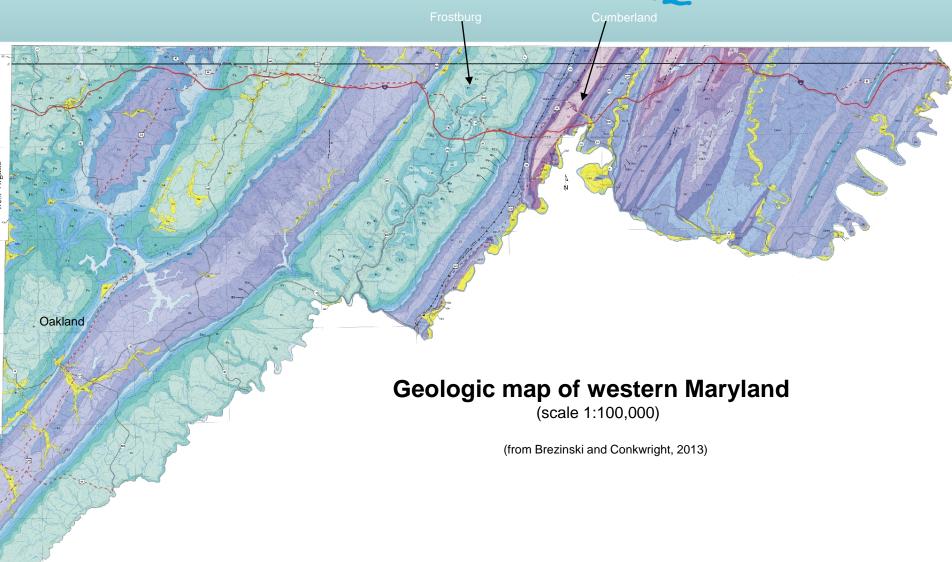




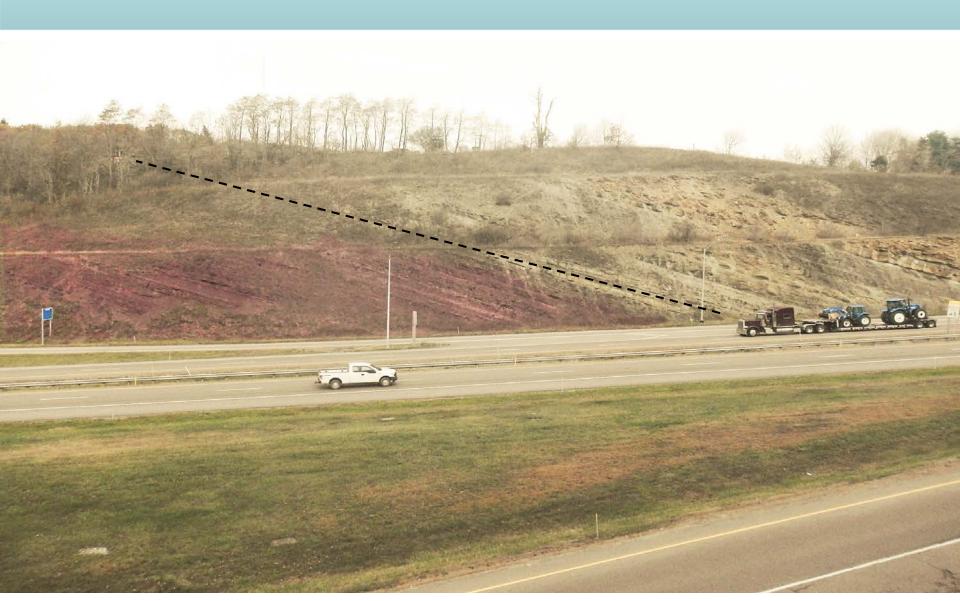
Frostburg



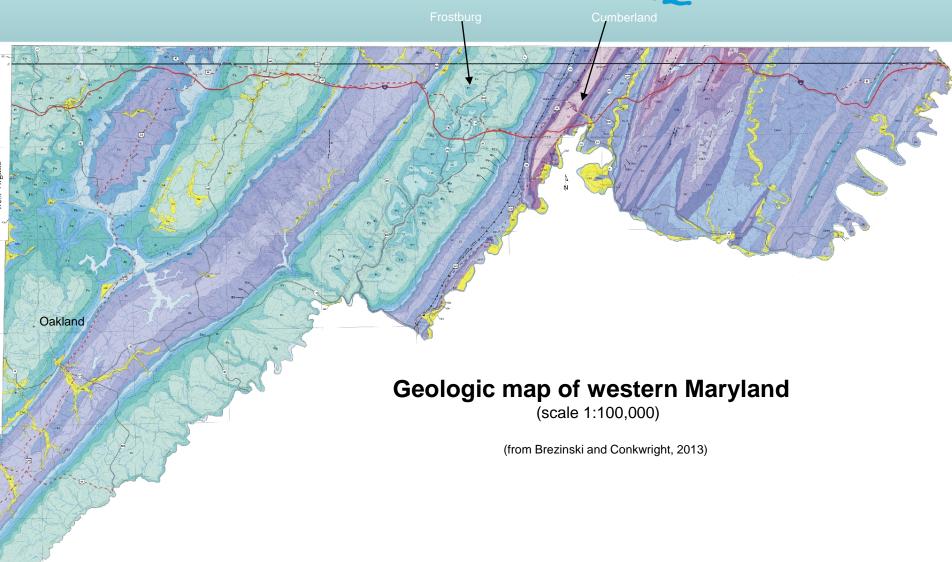






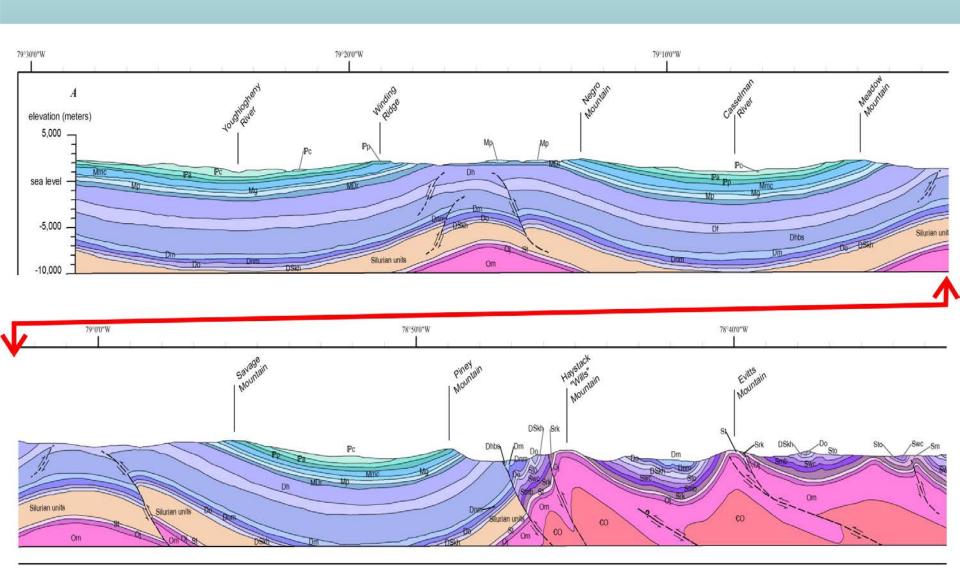




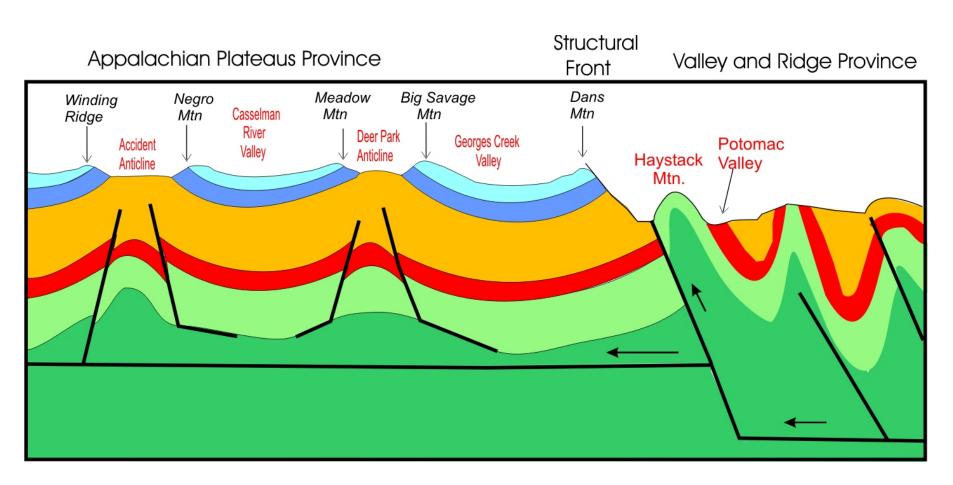






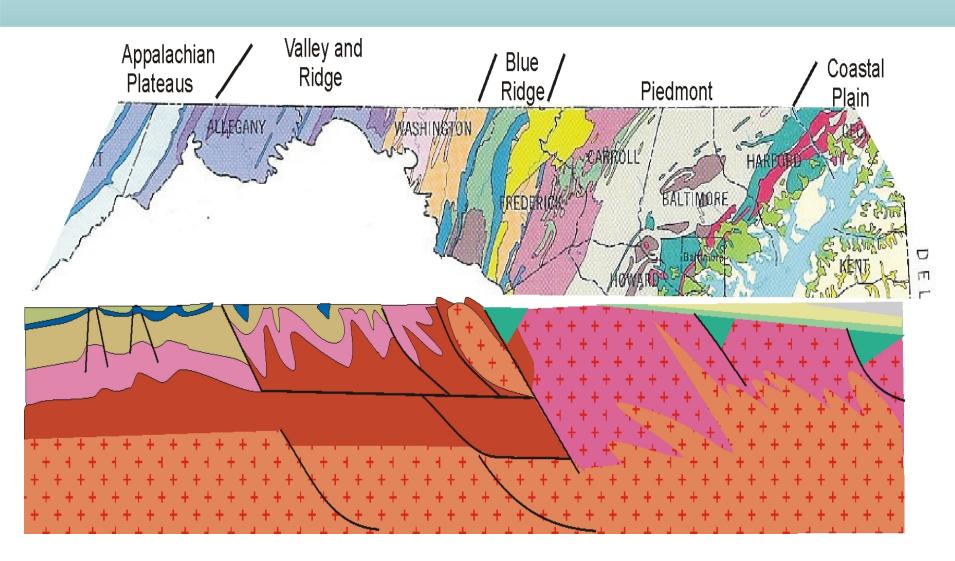






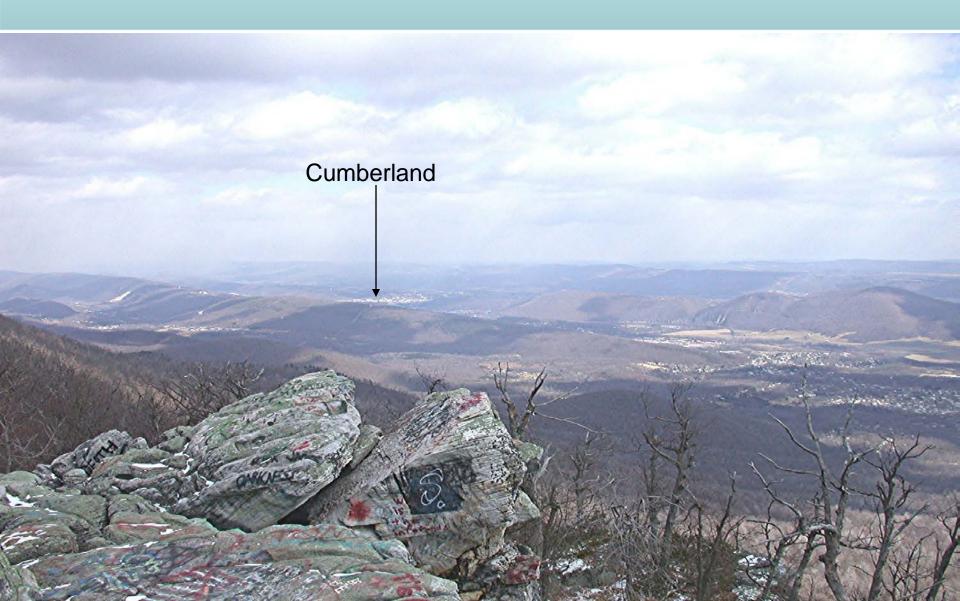
Generalized cross-section of western Maryland





Generalized geologic map and cross-section of Maryland



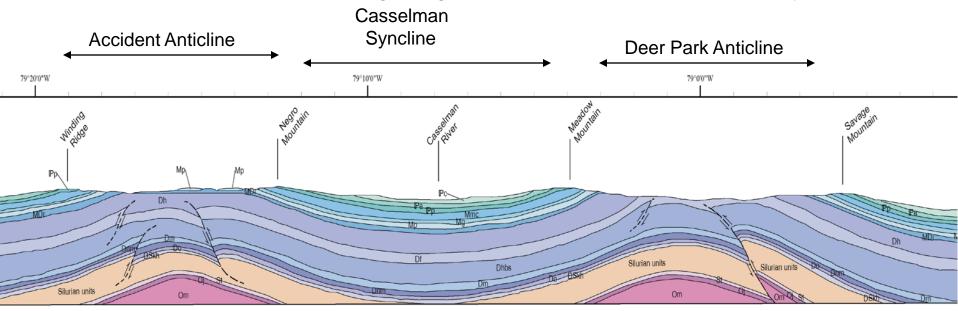






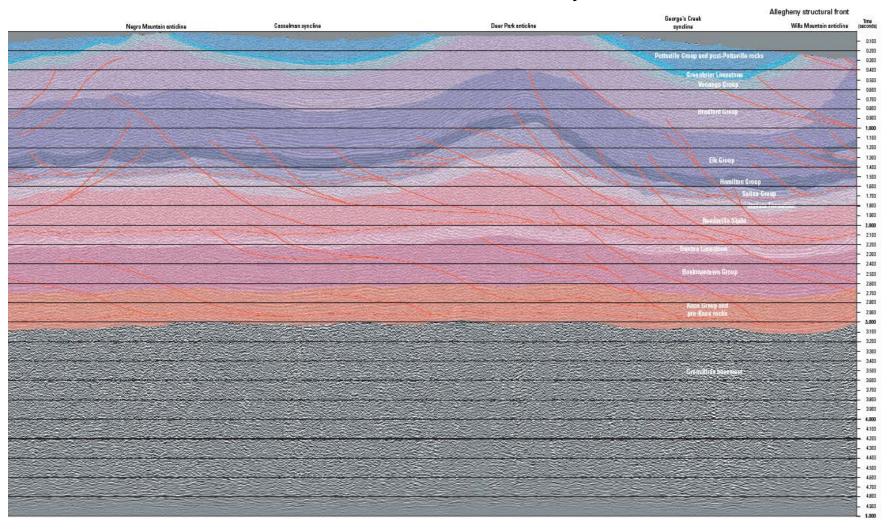


Generalized geologic cross-section of Garrett County





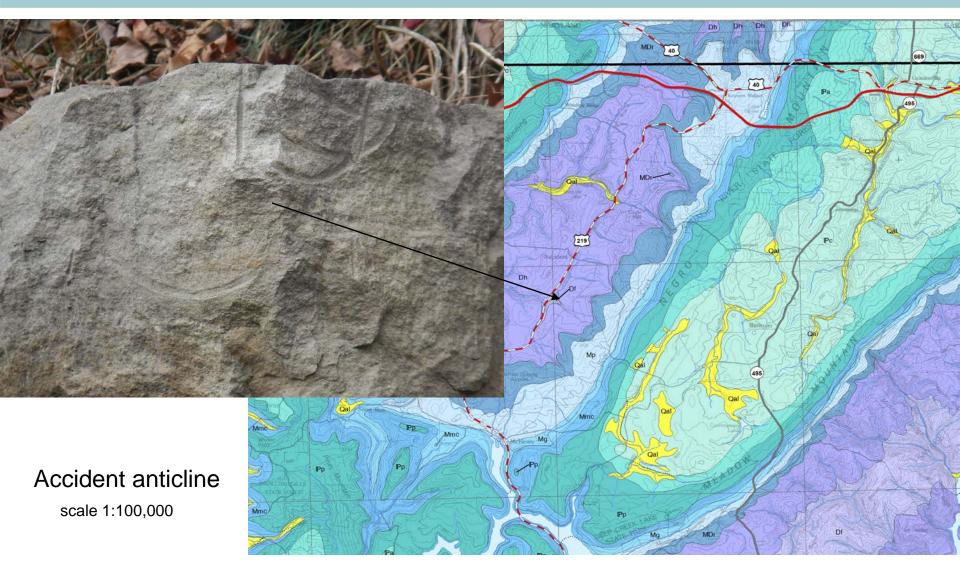
Seismic cross-section of Garrett County (from Kulander and Ryder, 1998)



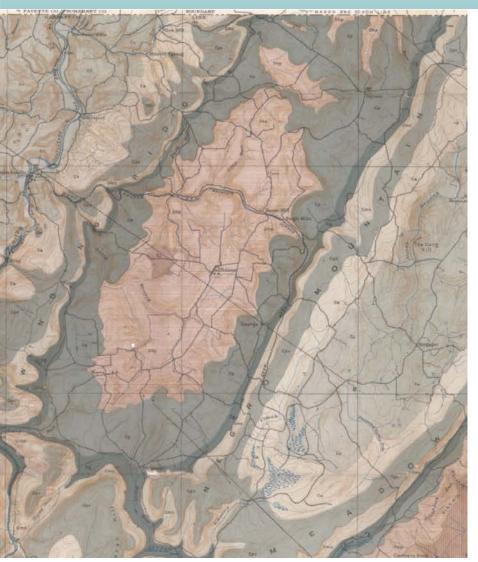


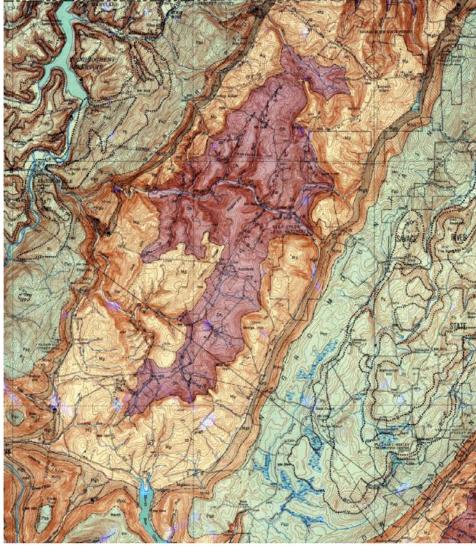




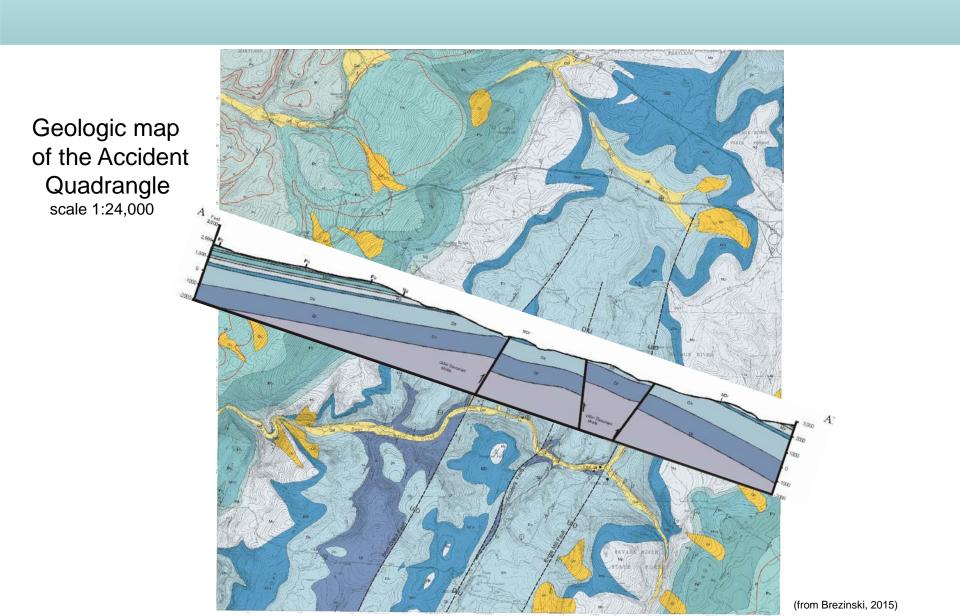






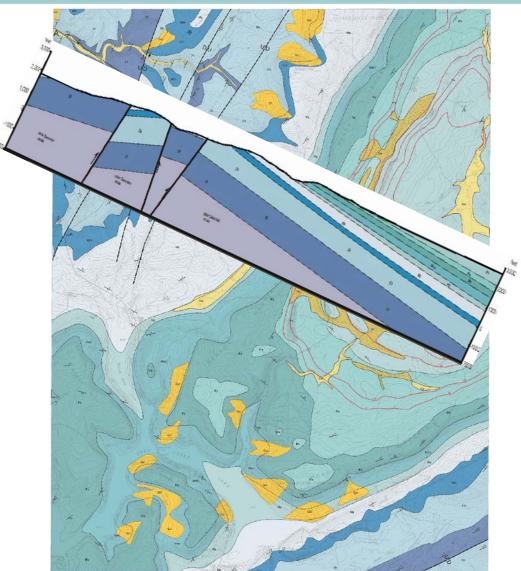


(from Clarke, 1902)





Geologic map of the McHenry Quadrangle scale 1:24,000





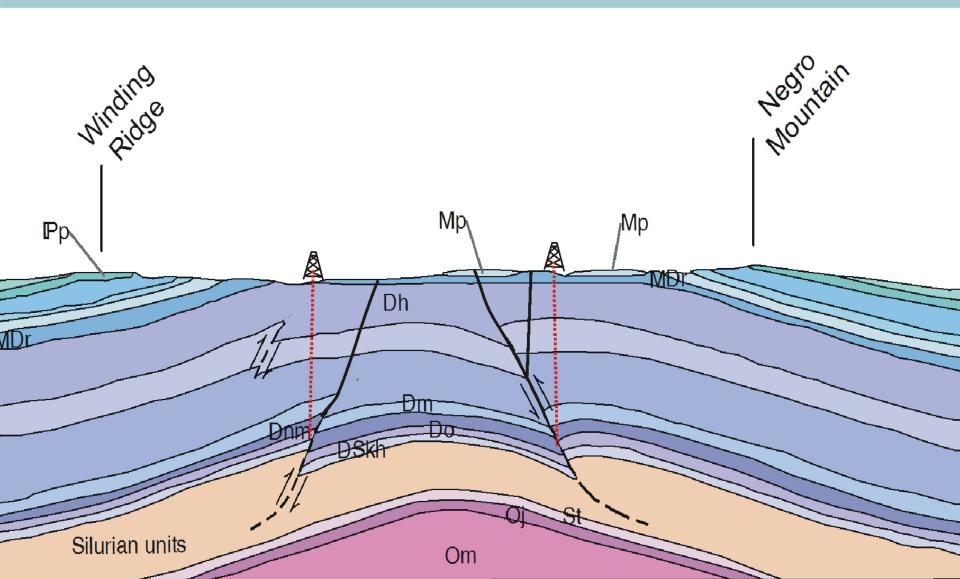
Geologic map of the Accident anticline

scale 1:24,000



(from Brezinski, 2015, 2016)

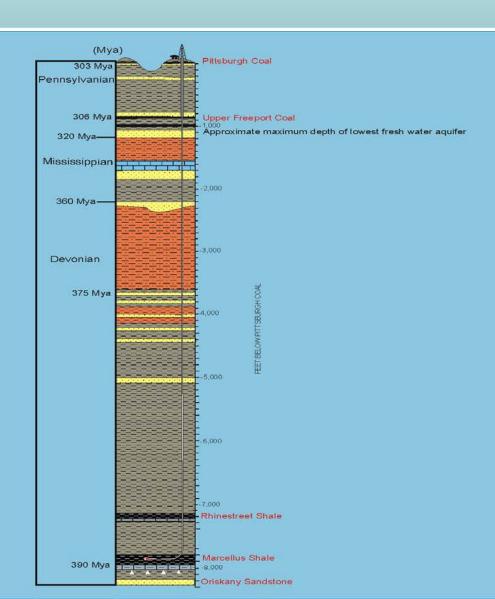














SUMMARY

- 1. Rocks of Garrett and Allegany Counties span the Valley and Ridge and Appalachian Plateaus Physiographic Provinces.
- 2. Rocks east of Dans Mtn have been highly folded and faulted. This level of deformations has largely heated the rocks beyond the potential for abundant hydrocarbon preservation.
- 3. The gently folded rocks of much of Garrett County, however, do contain potential hydrocarbon and coal preserved mainly because they have not been so intensely deformed.
- 4. The main gas reservoirs (Oriskany Sandstone and Marcellus Shale) occur at a depth of between 6,000 to 8,000 feet in Garrett and western Allegany counties.