

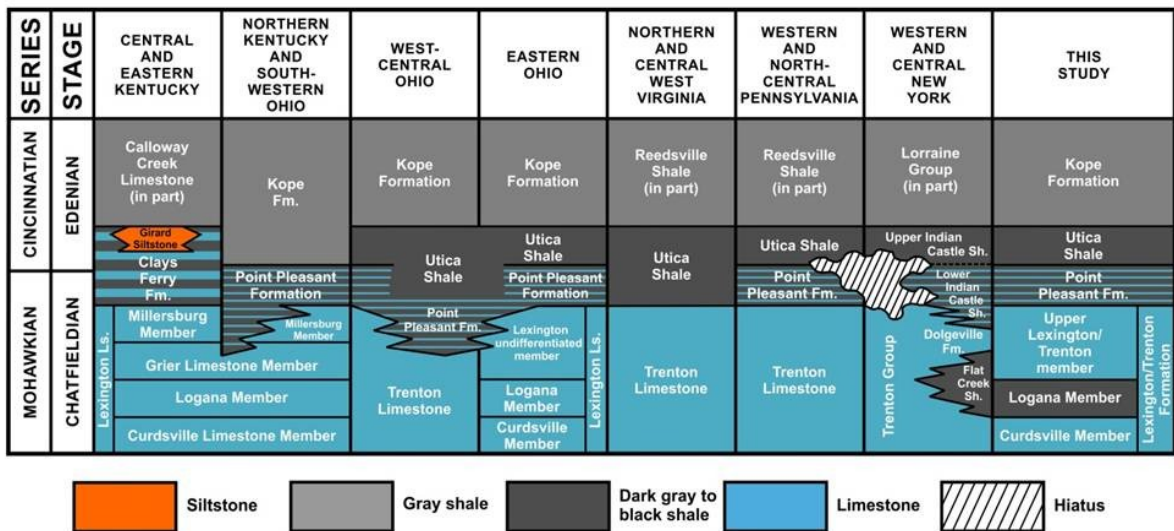
A Geologic Play Book for Utica Shale Appalachian Basin Exploration

Abstract

Lithostratigraphy

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The geologic section analyzed in this Study includes Upper Ordovician strata from the Mohawkian and Cincinnati Series across parts of Kentucky, Ohio, West Virginia, Pennsylvania and New York. While the local names for these units differ across the Study area, the stratigraphic nomenclature used herein corresponds to those used in southwestern Ohio, as well as adjacent parts of Kentucky where these units have been mapped at the surface. These units, in descending order, are the siltstone-rich Kope Formation, the more organic-rich Utica Shale, the Point Pleasant Formation of alternating limestone and shale beds and the Lexington Limestone/Trenton Formation. The Lexington Limestone/Trenton Formation interval is further subdivided into the informal "upper Trenton," the Logana Member and the Curdsville Member.



Correlation chart for early Late Ordovician strata evaluated by the Utica Shale Play Book Study

Citation

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