

## **An Overview of Marcellus and other Devonian Shale Production in West Virginia**

Eric Lewis<sup>1</sup>, Mary Behling<sup>1</sup>, and Susan Pool<sup>1</sup>

<sup>1</sup>West Virginia Geological and Economic Survey, 1 Mont Chateau Rd., Morgantown, WV 26508, [elewis@geosrv.wvnet.edu](mailto:elewis@geosrv.wvnet.edu)

The Middle Devonian Marcellus Shale Play has put the Appalachian Basin at the center of a national debate concerning America's future energy supply. Although it has been received in the region with mixed reviews, this highly organic shale formation has secured itself as a major contributor to the natural gas supply of West Virginia and other states in the Basin. As production continues throughout West Virginia, areas of high production continue to emerge; however, it appears that some of these "sweet spots" may not actually be within the "Marcellus" per se, but rather, in other, overlying Devonian shales. Various aspects of shale production will be explored including vertical versus horizontal completions.