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Richard Beardsley¹ (1) Triana Energy LLC, Charleston, WV

The Appalachian Basin, Most Drilled and Least Explored

Since early exploration in the 1850's in Titusville Pennsylvania, and in the 1890's during the boom in the Lima Indiana Field, most activity in the basin has been of a development nature, spurred at times by serendipitous wildcat discoveries. Studious approaches to exploration in the basin remain rather erratic, and a systematic approach to the overall configuration of the basin is needed. For future exploration to succeed in the basin, an integrated model incorporating all of the available geologic and geophysical data must be interpreted to allow for rational deep exploration in the basin. Gas has been proven to exist in the deep formations of the basin, and rationale must be developed to exploit these hydrocarbon provinces.