



TECTONIC EVOLUTION IN CENTRAL AND EASTERN KENTUCKY

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

PLATE 11: Form-contour map of central Kentucky structure showing wells drilled to the Middle Ordovician Tyrone Limestone (T-450) and locally to Precambrian basement (Tables 2 and 3). Structure contours, at intervals 20 and 40 feet, were traced from geologic quadrangle maps cited in Table 1. They depict structural relief on various lithologic contacts, based chiefly on surface mapping and locally on shallow drilling. The smoothed contours reflect close-spaced outcrop data, and abrupt changes in strike reveal a blocky fabric mapped in unique detail over an extensive area.