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**TECTONIC EVOLUTION IN CENTRAL AND EASTERN KENTUCKY**

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Plate 12: Form-contour map of eastern Kentucky structure showing wells drilled to the Middle Ordovician Tyronne Limestone (P-900) and locally to Precambrian basement (Tables 2 and 3). Structure contours at intervals of 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 unsmoothed contours reflect close-spaced outcrop data, and abrupt changes in strike reveal a blocky fabric mapped in unique detail over an extensive area.