



Structure contour map of the Oakland dome. The contours give the elevations of the top of the Devonian (base of the Mississippian) above a datum 1200 feet below sea level. Holes Nos. 62, 65E, and 66 penetrated the "Trenton," but all others penetrated only short distances into the Devonian. Cross fold No. 8 may modify the contours on the eastern side of the dome.

Approximately at the top of the dome, the surface elevation varies from about 660 to 680 feet above sea level. The depth to the top of the "Trenton" may be obtained by adding 1075 feet (the intervening thickness of formations between the top of the Devonian and that of the "Trenton") to the depth of the Devonian determined from the contours. For example, at any point near the 1100-foot contour, the depth of the "Trenton" top is: $(1200 - 1100) + 670$ (approximate elevation of the surface) $+ 1075$; or 1845 feet.