

Observation well Test hole Destroyed

Note: The overlay shows altitude of top of Floridan aquifer and is based on the shallowest known occurrence of limestones of Eocene age. The contours were originally defined in 1953 (Neill, 1955), and refined in 1955-57 (Brown and others, 1962a) and 1974-76 (references, sheets 2 and 3).

otentiometric surface is above land surface, the well will flow (sheet 3). Water-level measurements in many artesian wells are used to define the configuration of the potentiometric surface over broad areas (sheet 3).

Unconsolidated sediments of Holocene, Pleistocene, and late Miocene age constitute the nonartesian (shallow) aguifer. These sediments lie above the consolidated limestone formations of Eocene age known as the Floridan aquifer. The altitude of the top of the Floridan aquifer is shown on sheet 2. The middle Miocene deposits (Hawthorn Formation) overlie and tend to confine the Floridan aquifer. Where the confining beds are discontinuous and limestones of Miocene age are present, there is usually a hydraulic connection between the middle Miocene and the Eocene deposits.

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(Selected References continued to sheet 3.)

OVERLAY MAP OF THE GRANT QUADRANGLE, FLORIDA; ALTITUDE OF TOP OF FLORIDAN AQUIFER AND LOCATIONS OF WELLS

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