



EXPLANATION

Locations and data for wells not shown but used in the preparation of this map are published in Toulmin and others (1951, p. 158-185). The numbering of wells in this report is based on the Federal system of subdivision of land into townships and sections. Each township in Choctaw County was assigned a letter from A in the northeast township to Z in the southwest township. The wells within a township are numbered consecutively starting in section 1 and continuing through section 36. In records of wells (table 2) each number is prefixed by the letter identifying the township.

For ground-water quality, see table 3.

- Well and number
- Flowing well and number
- Municipal or industrial well and number

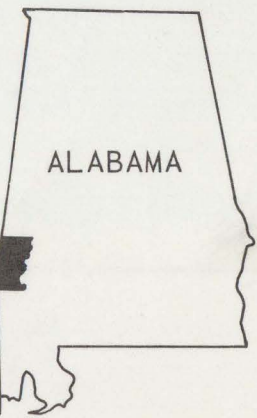
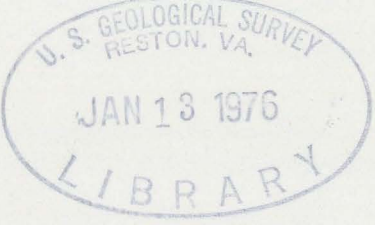
Altitude, in feet below mean sea level, of base of Nanafalia Formation capable of yielding 0.2 to 1.0 mgd per well. Contour interval 100 feet.

Altitude, in feet below mean sea level, of base of aquifers in the Tallahatta Formation and the Gosport Sand and Lisbon Formation capable of yielding 0.1 to 0.3 mgd per well. Contour interval 100 feet.

Aquifers will yield less than 0.2 mgd per well in southwest half of area. Northeast half of area unfavorable for development of potable ground-water supplies. There, the shallowest aquifers exceed 1,250 feet in depth below land surface and contain highly mineralized water.

Fault zone. Base of Nanafalia Formation generally ranges in depth from 1,500 to 2,100 feet below land surface. Will yield 0.2 to 1.0 mgd per well. Aquifers in formation contain highly-mineralized water in areas near south boundary.

Hatchegibbee Formation and Tuscahoma Sand potential source of 0.1 to 0.3 mgd per well at depths generally ranging from 300 to 600 feet below land surface. Aquifers probably contain highly-mineralized water in areas near axis of Hatchegibbee anticline.



WATER AVAILABILITY OF CHOCTAW COUNTY, ALABAMA

Alabama (Choctaw Co.), Water. 1:125,000. 1972.  
Sheet 1  
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