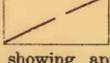
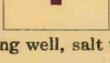
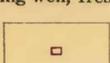
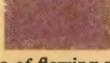
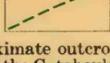
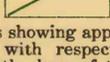
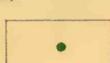
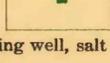
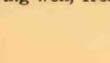
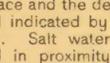




LEGEND

-  Area of flowing wells
 (Uncolored portions of the available area represent tracts where flowing wells can not be obtained from these sands)
-  Approximate outcrop of the base of the lower Eocene water-bearing strata
-  Contours showing approximate position with respect to sea level of the base of the lower Eocene water-bearing strata
 (Wells may obtain water at less depth than here indicated)
-  Flowing well, fresh water
-  Flowing well, salt water
-  Nonflowing well, fresh water
-  Nonflowing well, salt water
-  Area of flowing wells
 (The upper water-bearing beds will not produce flowing wells over the entire area here indicated)
-  Approximate outcrop of the base of the Catahoula water-bearing strata
-  Contours showing approximate position with respect to sea level of the base of the Catahoula water-bearing strata
 (Wells may often obtain water at less depth than indicated; wells exceeding 1500 feet in depth will probably strike saline water)
-  Flowing well, fresh water
-  Flowing well, salt water
-  Nonflowing well, fresh water

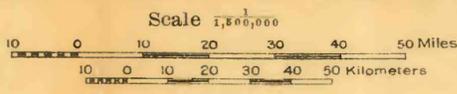
Lower Eocene artesian reservoir

Catahoula artesian reservoir

NOTE: Depth to base of a water horizon is the sum of the altitude of the place and the depth below sea level indicated by the water contours. Salt water may be expected in proximity to fault lines and mounds. See figure 6 for location of faults and mounds

PRELIMINARY MAP OF THE LOWER EOCENE AND CATAHOULA ARTESIAN RESERVOIRS
 IN TEXAS, EAST OF THE NINETY-SEVENTH MERIDIAN

Base drawn mainly from post-route map of Texas, 1910, with corrections and additions from preliminary topographic sheets of United States Geological Survey; surveys of Brazos River (1900), Trinity River (1894, 1895, and 1903), Cypress Bayou and Caddo Lake (1892) by the War Department; map of



Geology by Alexander Deussen
 Surveyed in 1907