

EXPLANATION

- -410
Well used for control
Number indicates altitude of base of fresh water
- -400 —
Water-interface contour
Shows approximate altitude of base of fresh water
(less than 1000 milligrams per liter dissolved solids)
Contour interval 100 feet
Datum is mean sea level
- 110
Well used for control
Number indicates aggregate thickness of sand containing fresh water
- 100 —
Line of equal approximate aggregate thickness of sand containing fresh water
Interval 100 feet
- Barbers Hill Salt Dome
Cap rock 200'
- 110
Approximate location and depth to cap rock or salt. Modified from Hawkins and Jirik, (1966, p. 68-71)

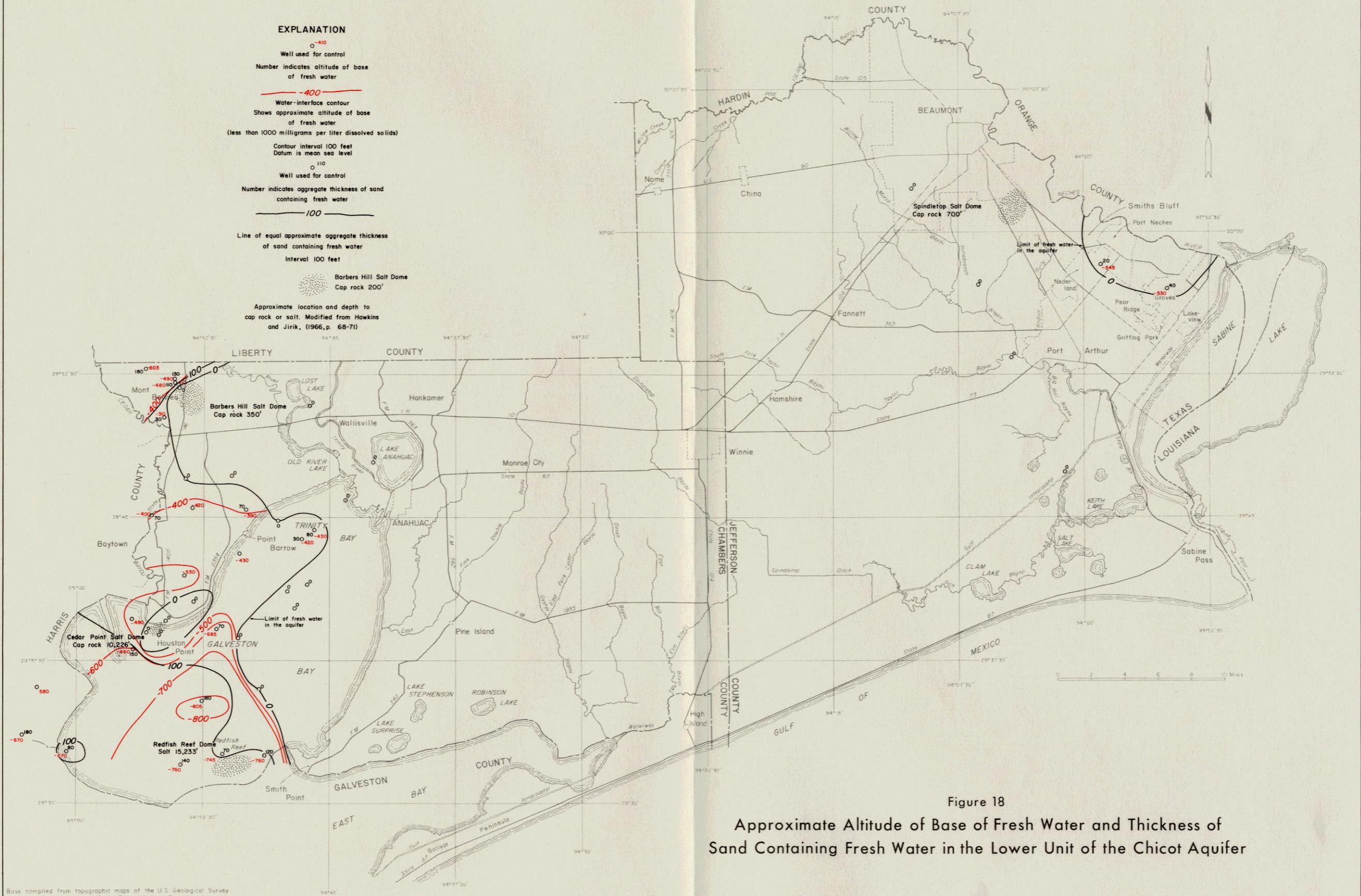


Figure 18

Approximate Altitude of Base of Fresh Water and Thickness of Sand Containing Fresh Water in the Lower Unit of the Chicot Aquifer

Base compiled from topographic maps of the U.S. Geological Survey and general highway map of the Texas Highway Department