



EXPLANATION

17.7
3215
Well

Upper number is depth to water below land surface, in feet; lower number is altitude of water level above mean sea level, in feet; data followed by an "e" are estimated.

f 3280
Control point on Pecos River

Number is altitude of river level, in feet, from U.S. Geological Survey topographic maps.

3350
Water-level contour

Shows altitude of water table. Contour interval 10 feet. Datum is mean sea level. Dashed where approximately located.

Basin boundary

Boundaries are approximately located. The boundary east of the Pecos River is complicated by perched water in the Permian Grayburg and Queen Formations and possibly the Pleistocene Glatina Formation that moves eastward into the "shallow aquifer."

Note: The "shallow aquifer" generally is considered to be composed of permeable sand and gravel beds of Holocene, Pleistocene, and possibly Pliocene age, which are referred to locally as "valley fill." In places, however, the "shallow aquifer" includes permeable zones in the upper parts of the underlying Permian San Andres Limestone, Grayburg, Queen, or Seven Rivers Formations. Movement of water within the "shallow aquifer" is impeded in some areas where clay layers are present.

0 1 2 3 4 5 6 7 8 9 10 MILES