



PLATE 5. East-west cross section from Trinidad, Colo., through Johnson, to the Grant-Stanton county line, illustrating recharge of the Purgatoire (equivalent in part to the Cheyenne) formation and the Dakota sandstone (equivalent to Cockrum sandstone). In parts of Stanton county the Ogallala formation receives recharge from the Cockrum sandstone. (Geology in Colorado was taken from the Geologic map of Colorado [U. S. Geol. Survey, 1935]; and elevations were taken from Darton [1906, pl. 6]).