



EXPLANATION

Approximate boundary between area to the north where the water table generally is in the bedrock or thin weathered bedrock materials and area to the south where the water table generally is in the alluvium and terrace deposits of the Arkansas River
Water-bearing zones in both areas are hydraulically connected

Area overlain by dune sand

Area overlain by surficial material other than the Meade(?) Group and Ogallala Formation and dune sand

Area overlain by the Meade(?) Group and Ogallala Formation

Area overlain by bedrock

Contact

Dashed where approximately located

Fault

Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side

Contour

Showing altitude of water table, in feet above mean sea level. Contour interval 10 feet along Arkansas River and 20 feet elsewhere. Dashed where approximately located. Contours adjacent to Baca County based partly on data published in Water-Supply Paper 1256 "Geology and Ground-Water Resources of Baca County, Colo." by T. G. McLaughlin (1954, p. 34)

Well

Measured by the U.S. Geological Survey 1957-58.
Number is altitude of water level, in feet

12°

TRUE NORTH

APPROXIMATE MEAN DECLINATION, 1964

Base by U.S. Geological Survey

Hydrology by Paul T. Voegeli, Sr., and Lloyd A. Hershey

ALTITUDE OF THE WATER TABLE IN PROWERS COUNTY, COLORADO, 1957-58

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

DATUM IS MEAN SEA LEVEL