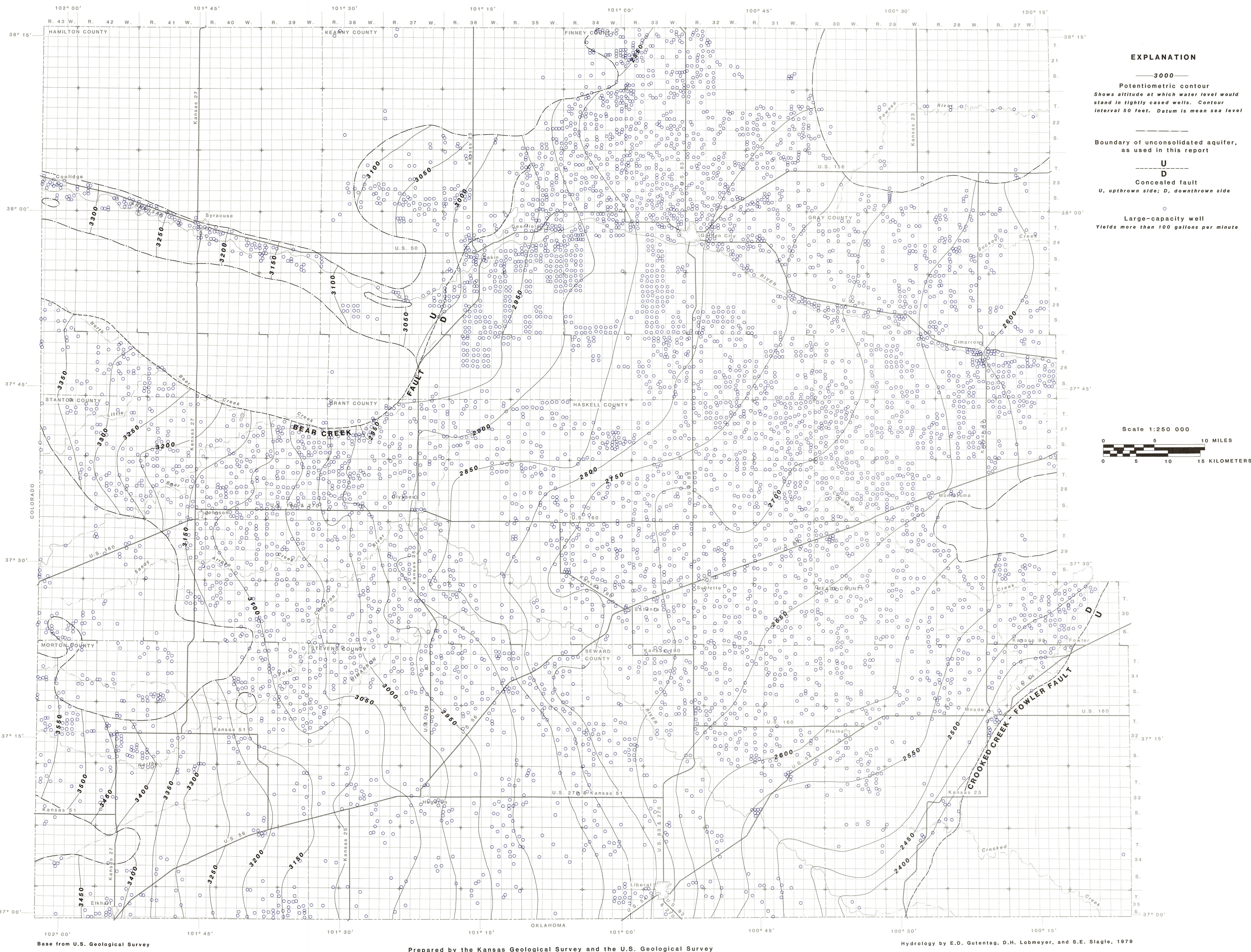


MAP SHOWING LOCATION OF LARGE-CAPACITY WELLS AND CONFIGURATION OF POTENTIOMETRIC SURFACE IN THE UNCONSOLIDATED AQUIFER, SOUTHWESTERN KANSAS, 1975

Kansas Geological Survey

Irrigation Series 7
Plate 2



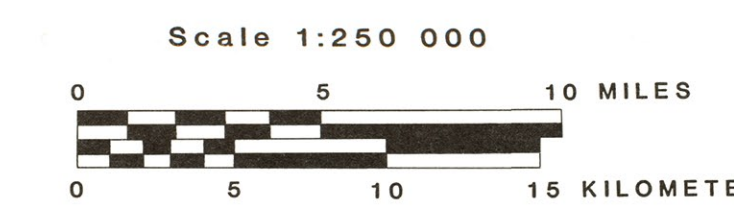
EXPLANATION

— 3000 —
Potentiometric contour
Shows altitude at which water level would stand in tightly cased wells. Contour interval 50 feet. Datum is mean sea level

Boundary of unconsolidated aquifer, as used in this report

U
D
Concealed fault
U, upthrown side; D, downthrown side

○
Large-capacity well
Yields more than 100 gallons per minute



Base from U.S. Geological Survey
Illustration prepared by Pamela J. Nebgen

Prepared by the Kansas Geological Survey and the U.S. Geological Survey

Hydrology by E.D. Gutentag, D.H. Lohmeyer, and S.E. Slagle, 1979