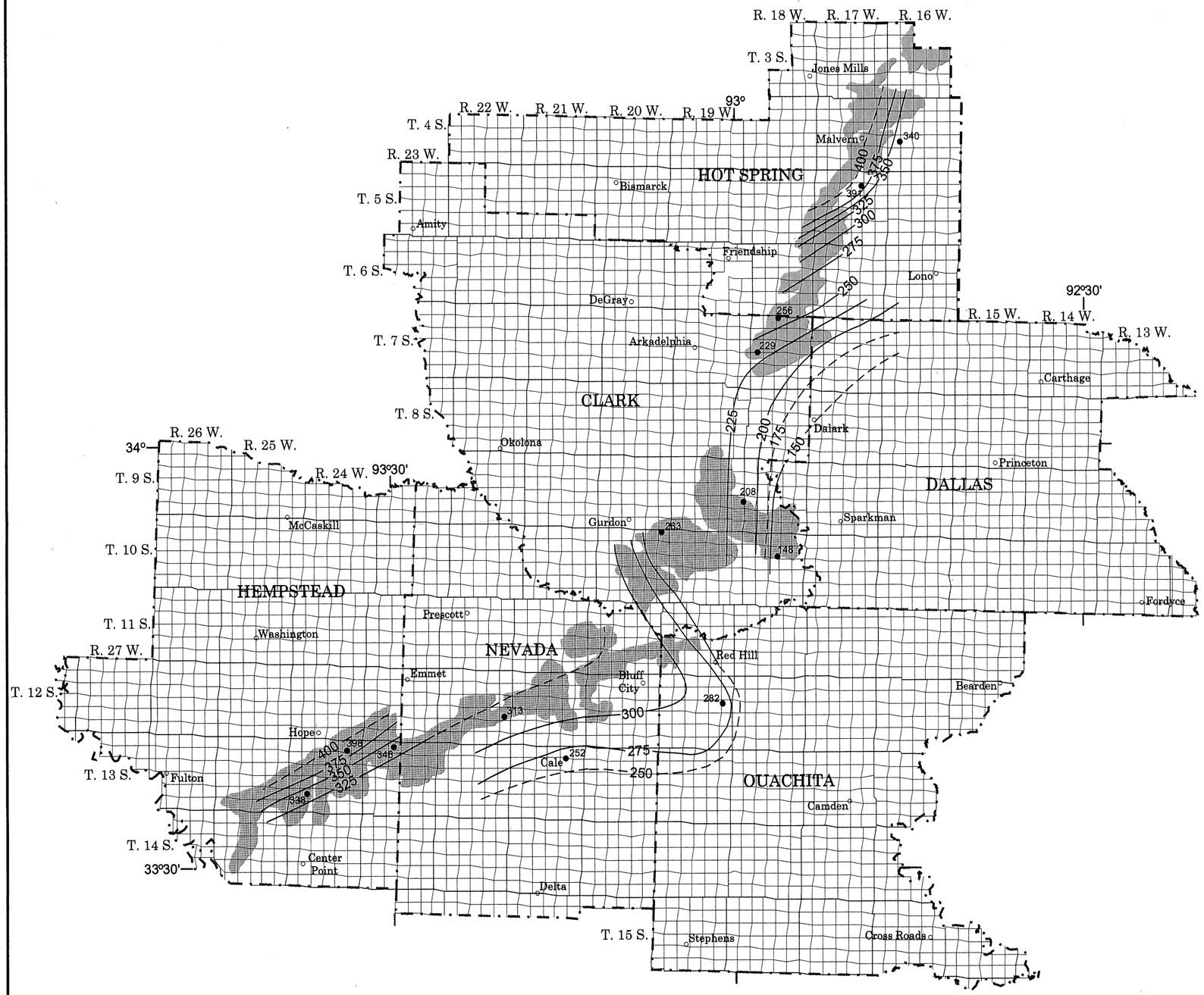
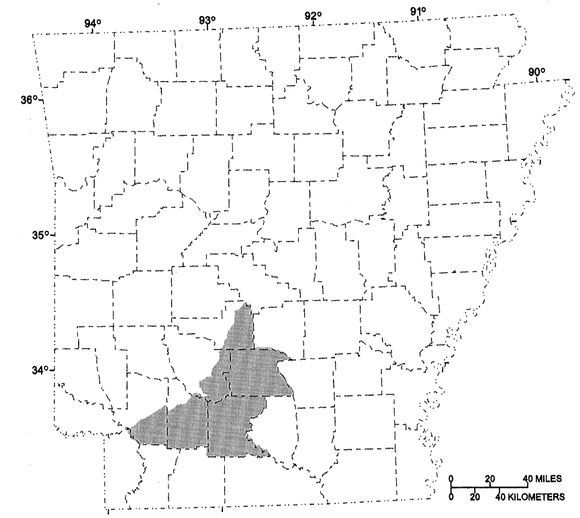
Prepared in cooperation with the
ARKANSAS SOIL AND WATER CONSERVATION COMMISSION,
and the
ARKANSAS GEOLOGICAL COMMISSION





LOCATION OF STUDY AREA

EXPLANATION

OUTCROP OF WILCOX GROUP (From Haley, 1976)

300 – – – – – POTENTIOMETRIC CONTOUR--Shows altitude at which water level would have stood in tightly cased wells. Dashed where approximately located. Contour interval 25 feet. Datum is sea level

313 WELL COMPLETED IN WILCOX AQUIFER IN SOUTHERN ARKANSAS--Number is water-level altitude determined during January 2000 to April 2000

NOTE: The potentiometric contours are generalized to portray synoptically the head in a dynamic hydrologic system, not taking into account the variation in well depth, non-simultaneous measurements of water level, variable effects of pumping, and changing climatic influence. The potentiometric contours may not conform exactly with individual measurements of water level.

0 10 20 30 40 MILES
0 10 20 30 40 KILOMETERS

POTENTIOMETRIC SURFACE OF THE WILCOX AQUIFER IN SOUTHERN ARKANSAS

T.P. Schrader and Robert L. Joseph

2000