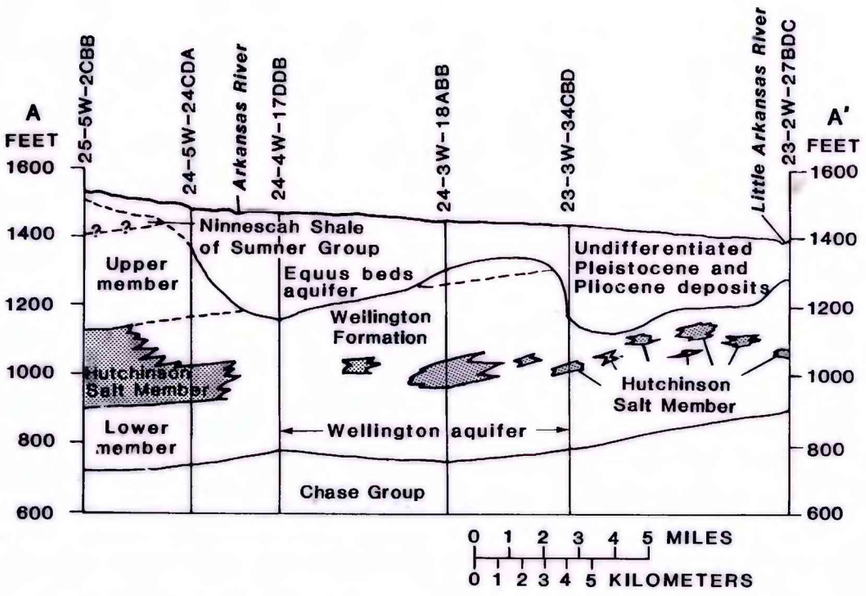
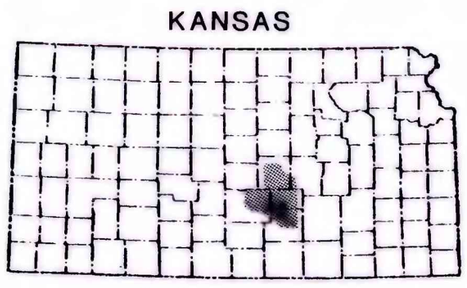
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
KANSAS GEOLOGICAL SURVEY

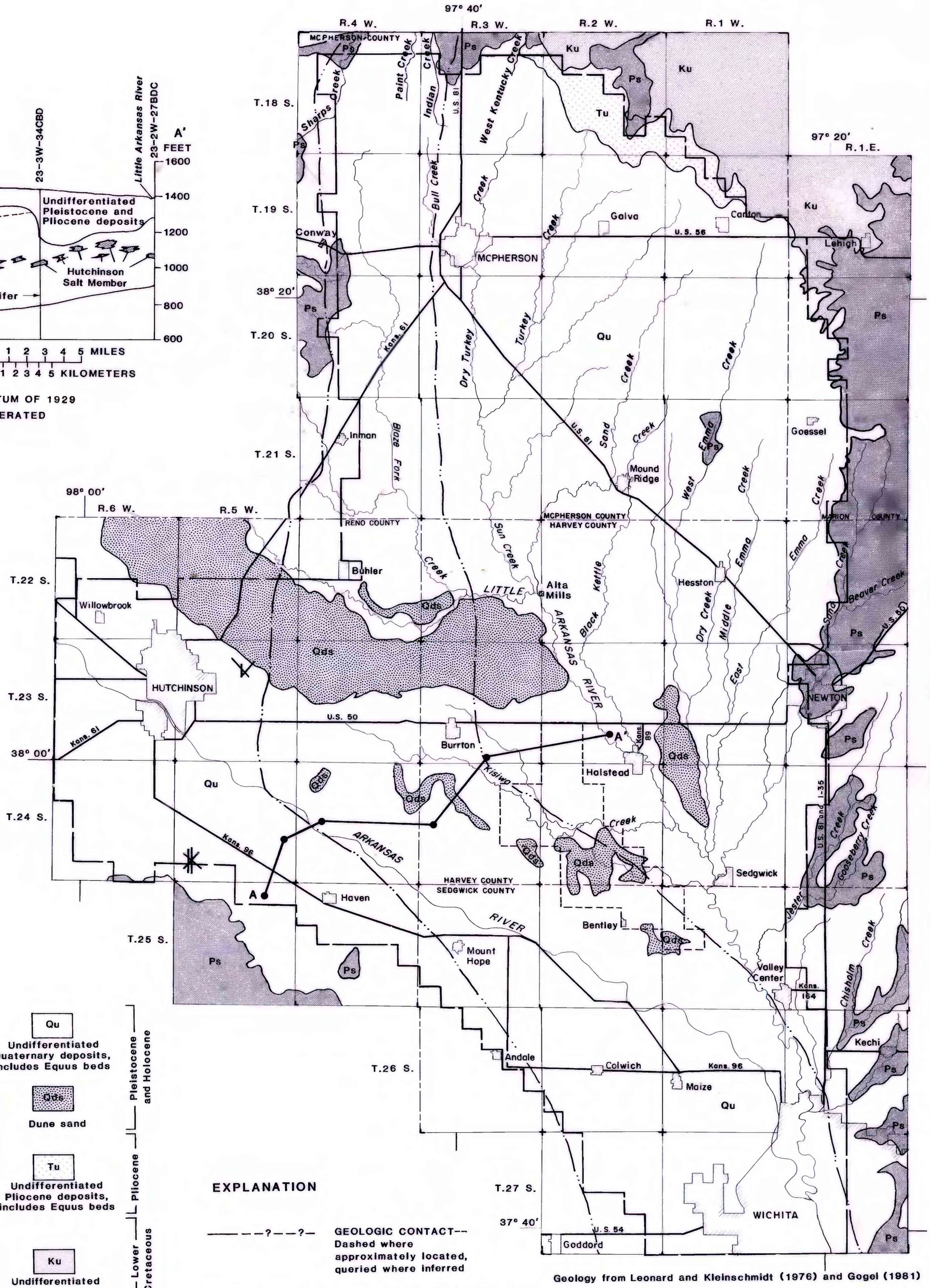
WATER-RESOURCES INVESTIGATIONS
REPORT 85-4336
PLATE 1



NATIONAL GEODETIC VERTICAL DATUM OF 1929
VERTICAL SCALE GREATLY EXAGGERATED



Index map



Geology from Leonard and Kleinschmidt (1976) and Gogel (1981)

0 5 10 MILES
0 5 10 KILOMETERS

QUATERNARY	Pleistocene and Holocene	Qu	Undifferentiated Quaternary deposits, includes Equus beds
		Qds	Dune sand
TERTIARY	Pliocene	Tu	Undifferentiated Pliocene deposits, includes Equus beds
CRETACEOUS	Lower Cretaceous	Ku	Undifferentiated Cretaceous rocks
PERMIAN	Lower Permian	Ps	Sumner Group

EXPLANATION

- GEOLOGIC CONTACT-- Dashed where approximately located, queried where inferred
- BOUNDARY OF STUDY AREA
- BOUNDARY OF WICHITA WELL FIELD
- BOUNDARY OF WELLINGTON AQUIFER
- A—A' TRACE OF SECTION

MAP SHOWING SURFICAL GEOLOGY IN THE EQUUS BEDS AREA, SOUTH-CENTRAL KANSAS

By
Joseph M. Spinazola, J. B. Gillespie, and R. J. Hart

1985