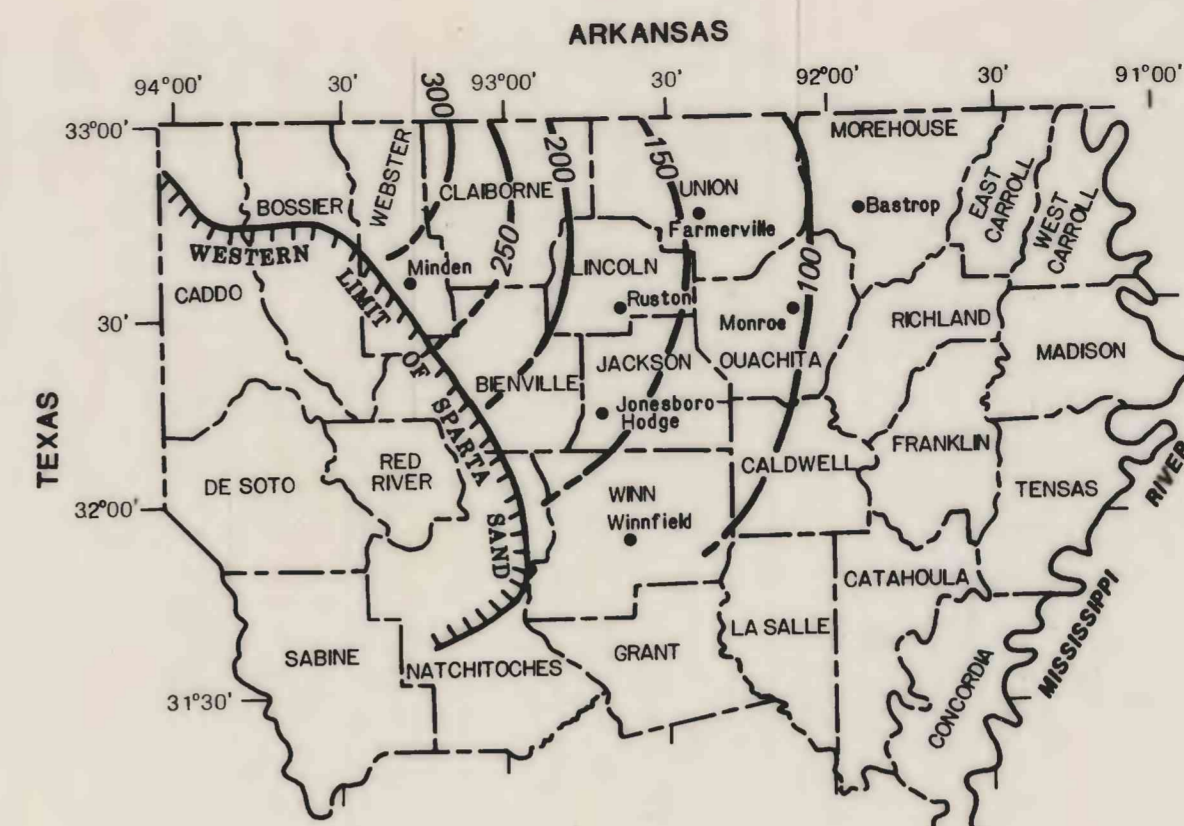


Potentiometric surface of the Sparta Sand, northern Louisiana and southern Arkansas, spring 1980

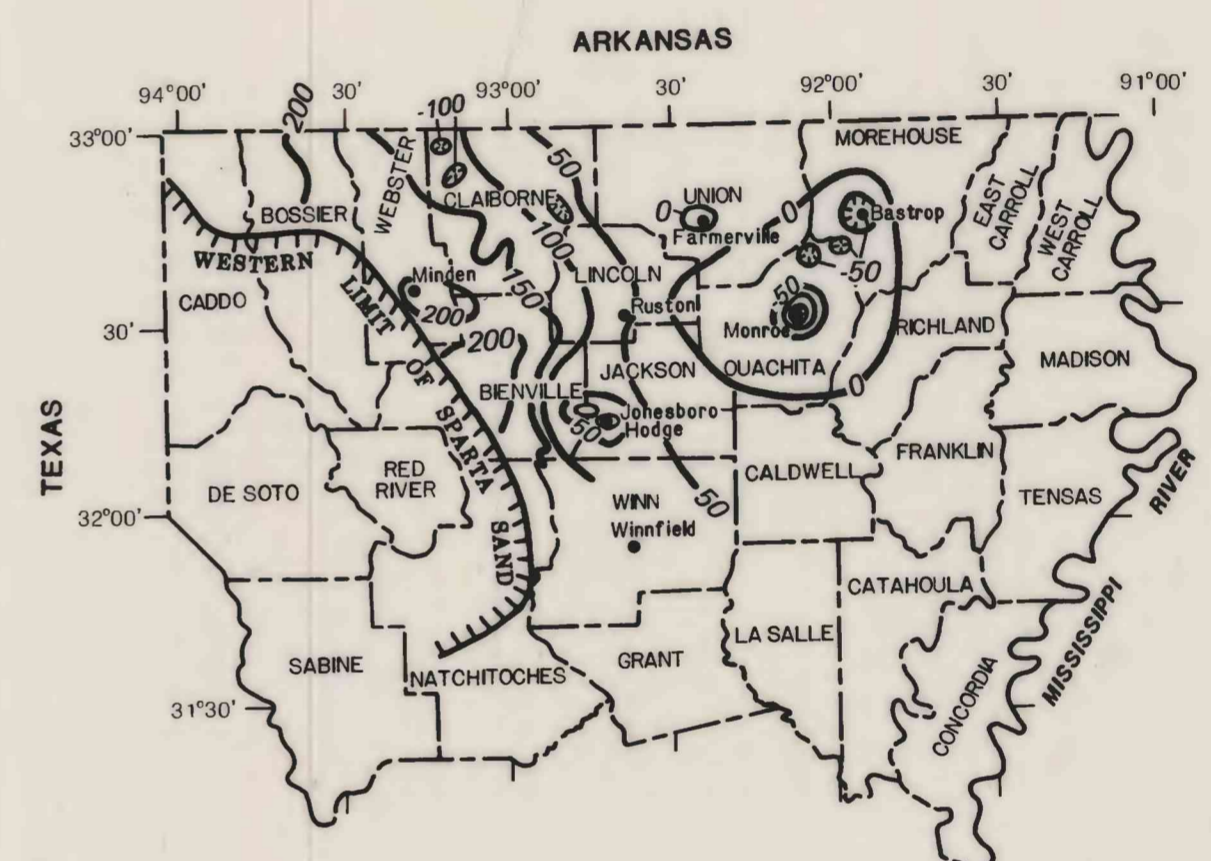


(Based on Veatch, A. C., 1906, Geology and underground water resources of northern Louisiana, with notes on adjoining districts; in Geological Survey of Louisiana, report of 1905: Louisiana State Expt. Sta., Louisiana Geol. Survey Bull. 4, p. 261-457.)

Potentiometric surface of the Sparta Sand, northern Louisiana (about 1900)

EXPLANATION

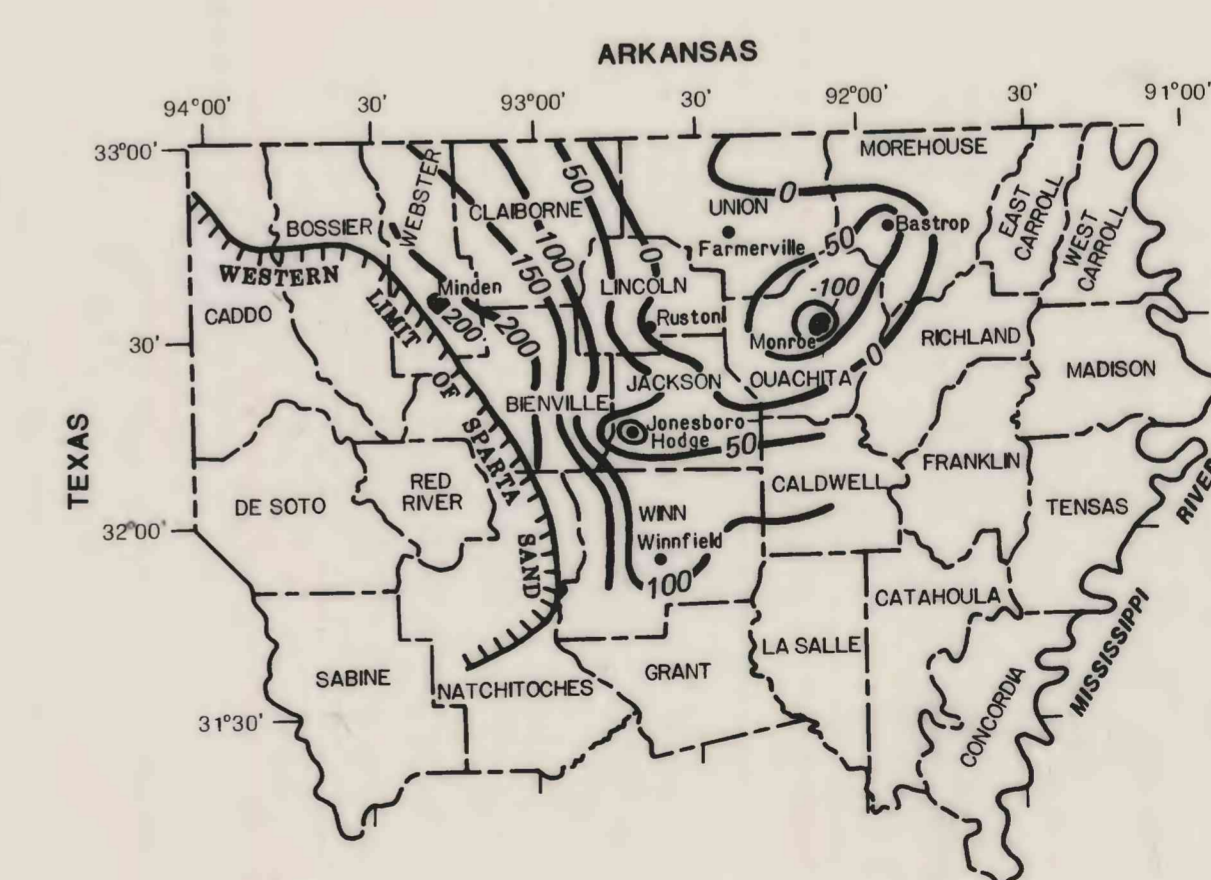
— 100 —
POTENTIOMETRIC CONTOUR
Dashed where approximately located.
Contour interval 50 feet. Datum is mean sea level of 1929



(Modified from Hosman, R. L., Long, A. T., Lambert, T. W., and others, 1968, Tertiary aquifers in the Mississippi embayment, with discussions of quality of the water, by H. G. Jeffrey: U. S. Geol. Survey Prof. Paper 448-D, 29 p.)

Potentiometric surface of the Sparta Sand, northern Louisiana, 1965

0 50 MILES
0 50 KILOMETERS



(Modified from Hosman, R. L., 1978, Geochydrology of the northern Louisiana salt-dome basin pertinent to the storage of radioactive wastes—a progress report: U. S. Geological Survey Open-File Report 78-104, 33 p.)

Potentiometric surface of the Sparta Sand, northern Louisiana, (spring 1975)

POTENTIOMETRIC SURFACE MAPS OF THE SPARTA SAND, NORTHERN LOUISIANA AND SOUTHERN ARKANSAS; 1900, 1965, 1975, AND 1980.

By G. N. Ryals

Base from U.S. Geological Survey
Alexandria, La., 1953 (revised 1973), Shreveport, La., 1955 (revised 1973),
El Dorado, Ark., 1953 (revised 1966), Greenwood, Miss., 1953 (revised 1965),
Jackson, Miss., 1955 (revised 1973), and Natchez, Miss., 1953 (revised 1973)