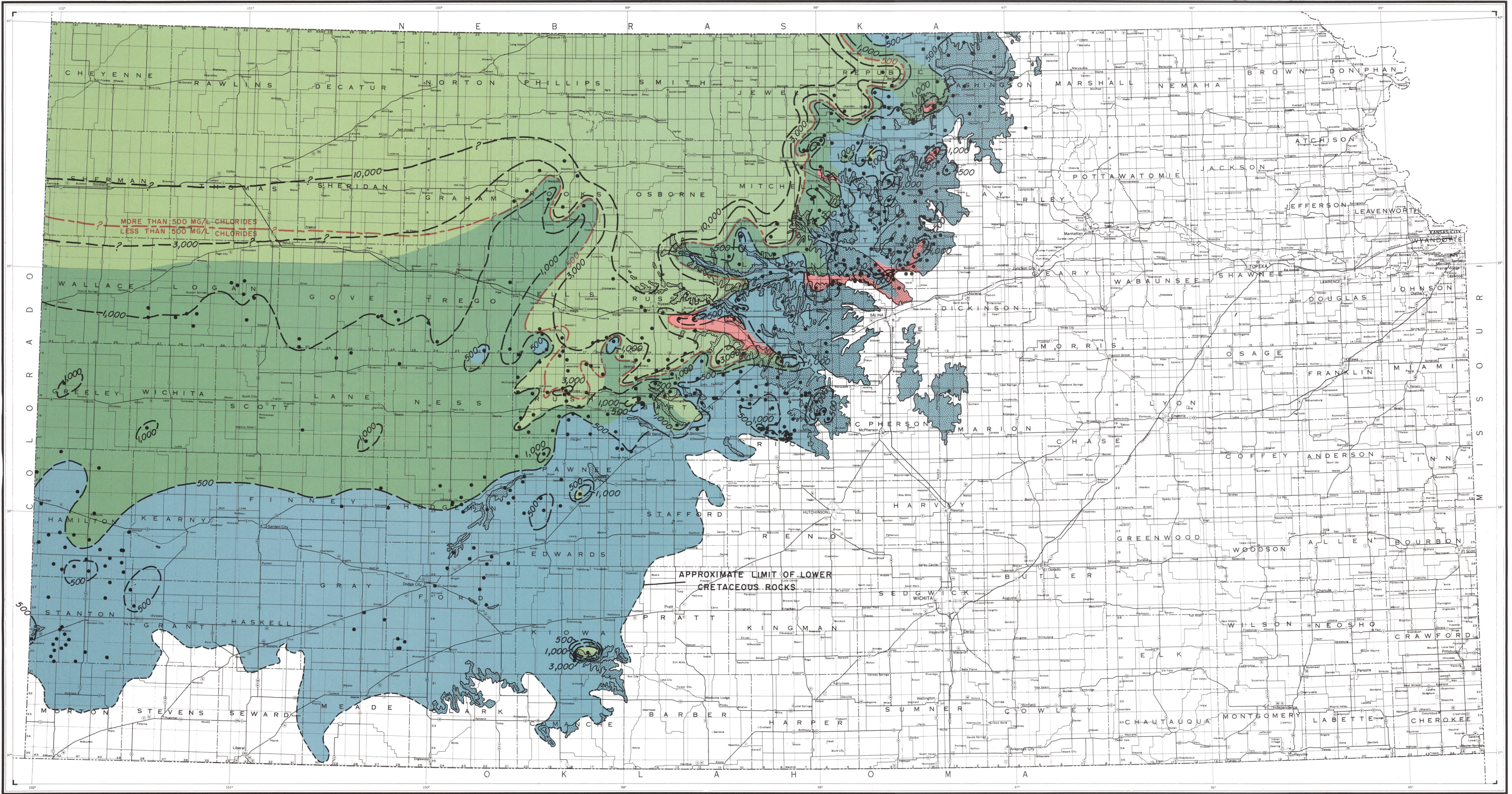




Base from U.S. Geological Survey, 1969
Illustration prepared by Lanna J. Combs

Outcrop of Lower Cretaceous rocks
(Modified from Kansas Geological Survey, 1964)

Well

Shows location of well for which
analysis of water sample is available

— 3,000 — ? —

Line of equal concentration of dissolved
solids in water from Lower Cretaceous
rocks; queried where inferred. Interval
500, 2,000, and 7,000 milligrams per
liter

— 500 — ? —

Line of equal concentration of dissolved
chloride in water from Lower Cretaceous
rocks; queried where inferred

EXPLANATION

Calcium bicarbonate

Calcium sulfate

Mixed sodium calcium bicarbonate

Sodium chloride

Water types
Classed by concentrations of
predominant ions

Scale 1:1,000,000

0 10 20 30 40 MILES

0 10 20 30 40 50 KILOMETERS