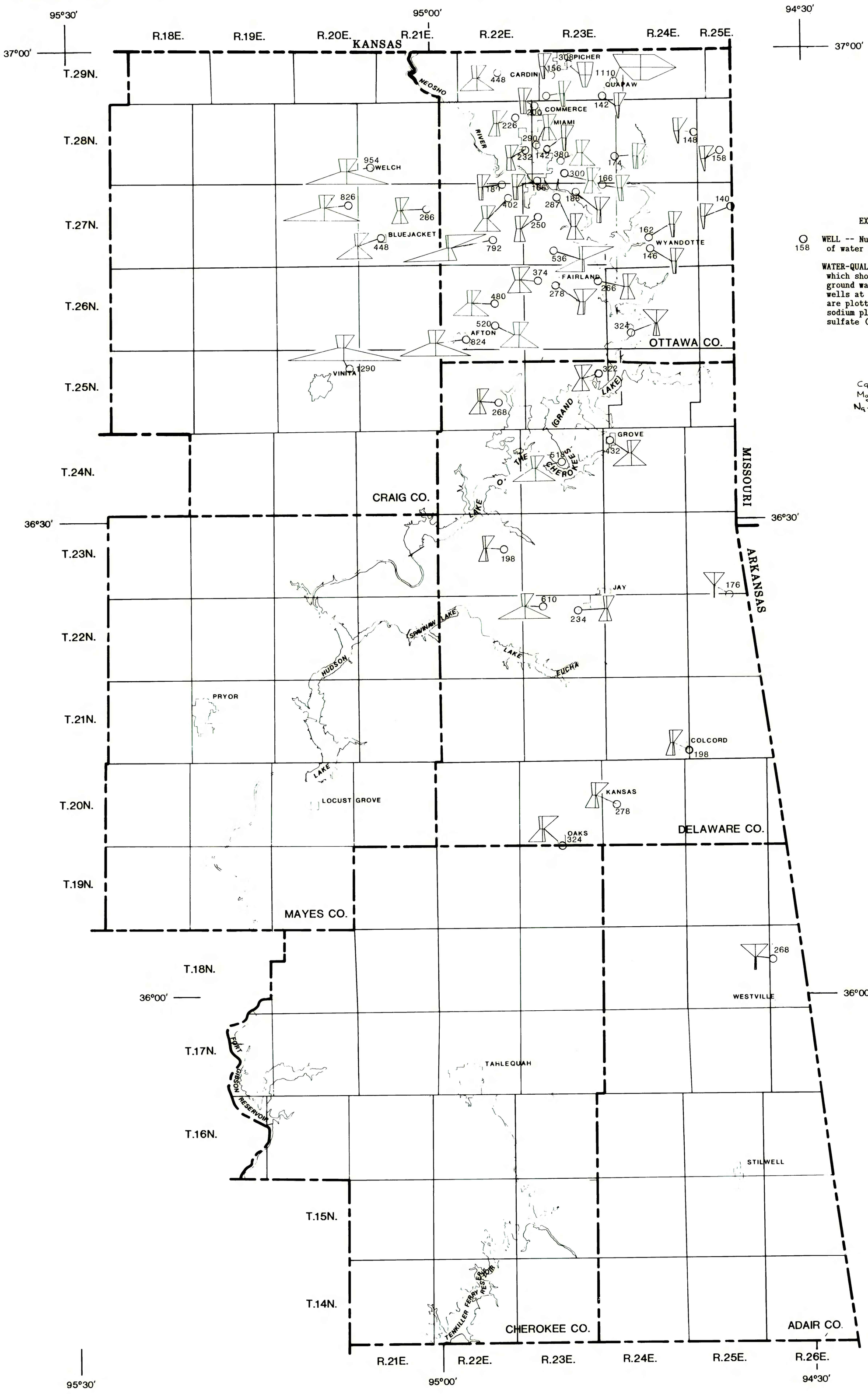
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
OKLAHOMA GEOLOGICAL SURVEY

OPEN FILE REPORT 90-570
PLATE 1



EXPLANATION

158 WELL -- Number is dissolved-solids concentration of water from well in milligrams per liter

WATER-QUALITY DIAGRAM -- The water-quality diagram, which shows the general chemical character of the ground water, represents the analyses of water from wells at the indicated point. The ionic concentrations are plotted for calcium (Ca), magnesium (Mg), sodium plus potassium (Na + K), bicarbonate (HCO_3), sulfate (SO_4), and chloride (Cl).

Base from U.S. Geological Survey
Tulsa Quadrangle, 1:250,000, 1958, and
Fort Smith Quadrangle, 1:250,000, 1967

SCALE 1:250 000

0 10 20 MILES
0 10 20 KILOMETERS

Dissolved-solids concentrations and water-quality diagrams for water samples from selected wells that are completed in the Roubidoux aquifer in northeastern Oklahoma