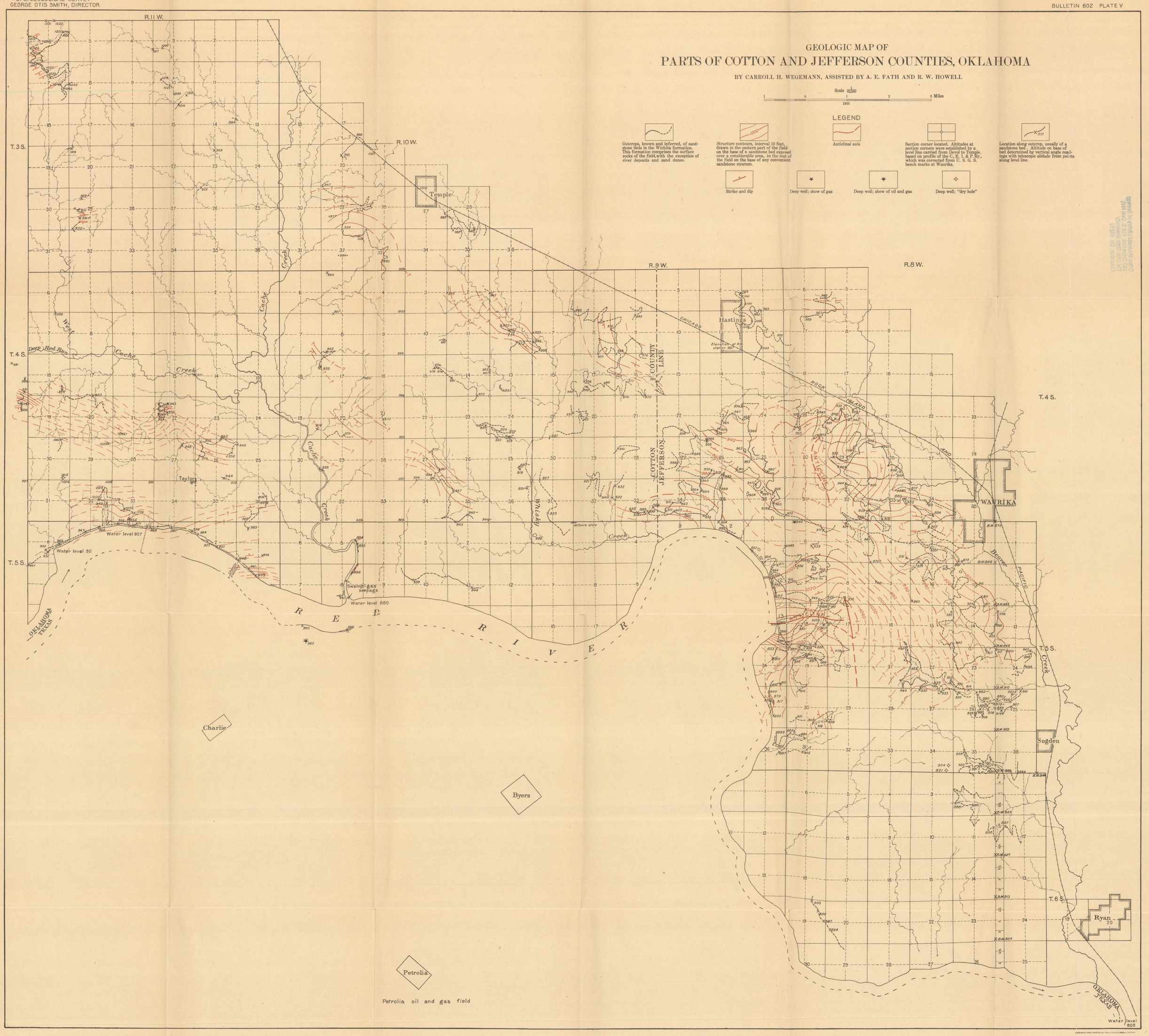
GEOLOGIC MAP OF
PARTS OF COTTON AND JEFFERSON COUNTIES, OKLAHOMA
BY CARROLL H. WEGEMANN, ASSISTED BY A. E. FATH AND R. W. HOWELL
Scale 1/62,500
1 0 1 2 3 Miles
1915
LEGEND
Outcrops, known and inferred, of sandstone beds in the Wichita formation. This formation comprises the surface rocks of the field, with the exception of river deposits and sand dunes.
Structure contours, interval 10 feet, drawn in the eastern part of the field on the base of a sandstone bed exposed over a considerable area, in the rest of the field on the base of any convenient sandstone stratum.
Anticlinal axis
Section corner located. Altitudes at section corners were established by a level line carried from Devol to Temple, based on profile of the C., R. I. & P. Ry., which was corrected from U. S. G. S. bench marks at Waurika.
Location along outcrop, usually of a sandstone bed. Altitude on base of bed determined by vertical angle readings with telescopic alidade from points along level line.
Strike and dip
Deep well; show of gas
Deep well; show of oil and gas
Deep well; "dry hole"
R.11 W.
R.10 W.
R.9 W.
R.8 W.
T.3 S.
T.4 S.
T.5 S.
T.6 S.
Temple
Hastings
Taylor
Waurika
Sugden
Ryan
Charlie
Byers
Petrolia
Petrolia oil and gas field
Water level 907
Water level 911
Water level 880
Water level 805
Swamp-gas seepage
Cache Creek
West Cache Creek
Deep Red Run
Whisky Creek
Beaver Creek
Chicago Rock Island and Pacific
Anticline
Cotton County Line
Jefferson
Red River
Oklahoma
Texas