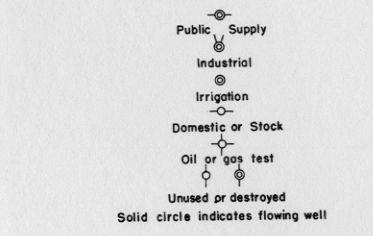


EXPLANATION

Pleistocene and Recent	Qal	Alluvium Clay, sand, silt, and gravel. Yields small quantities of fresh to slightly saline water to wells
	To	Oakville Sandstone Sand and sandstone with bentonitic clay. Yields small quantities of fresh to slightly saline water to wells
Miocene	Tct	Catahoula Tuff Tuff and clay containing beds of sandstone. Yields small quantities of fresh to slightly saline water to wells
	Tj	Jackson Group Clay, silt, sand, and volcanic ash. Yields small quantities of fresh to slightly saline water to wells
Miocene (?)	Ty	Yegua Formation Sand, silt, clay, and lignite. Yields small quantities of slightly to moderately saline water to wells
	Tcm	Cook Mountain Formation Clay, shale, sandstone, and limestone. Yields small quantities of fresh to moderately saline water to wells
Eocene	Ts	Sparta Sand Sand and shale. Yields small to moderate quantities of fresh to moderately saline water to wells
	Twi	Wilcox Group Silt, clay, sand, shale and lignite. Yields small to moderate quantities of fresh to slightly saline water to wells
Eocene	Tc	Carrizo Sand Sand and some clay. Yields moderate to large quantities of fresh to slightly saline water to wells
	Tr	Reklaw Formation Glauconitic sand, clay, and silt. Yields small quantities of fresh to slightly saline water to wells
Eocene	Tqc	Queen City Sand Sand, silt, and clay. Yields small to moderate quantities of fresh to slightly saline water to wells
	Tw	Weches Greensand Glauconitic shale and sand. Yields small quantities of slightly to moderately saline water to wells

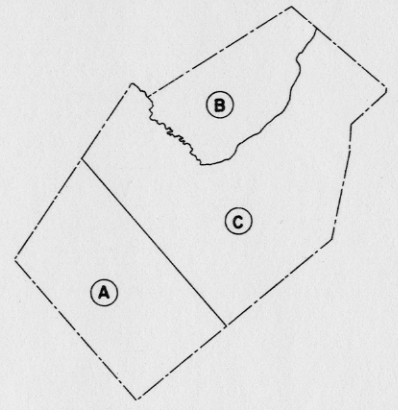
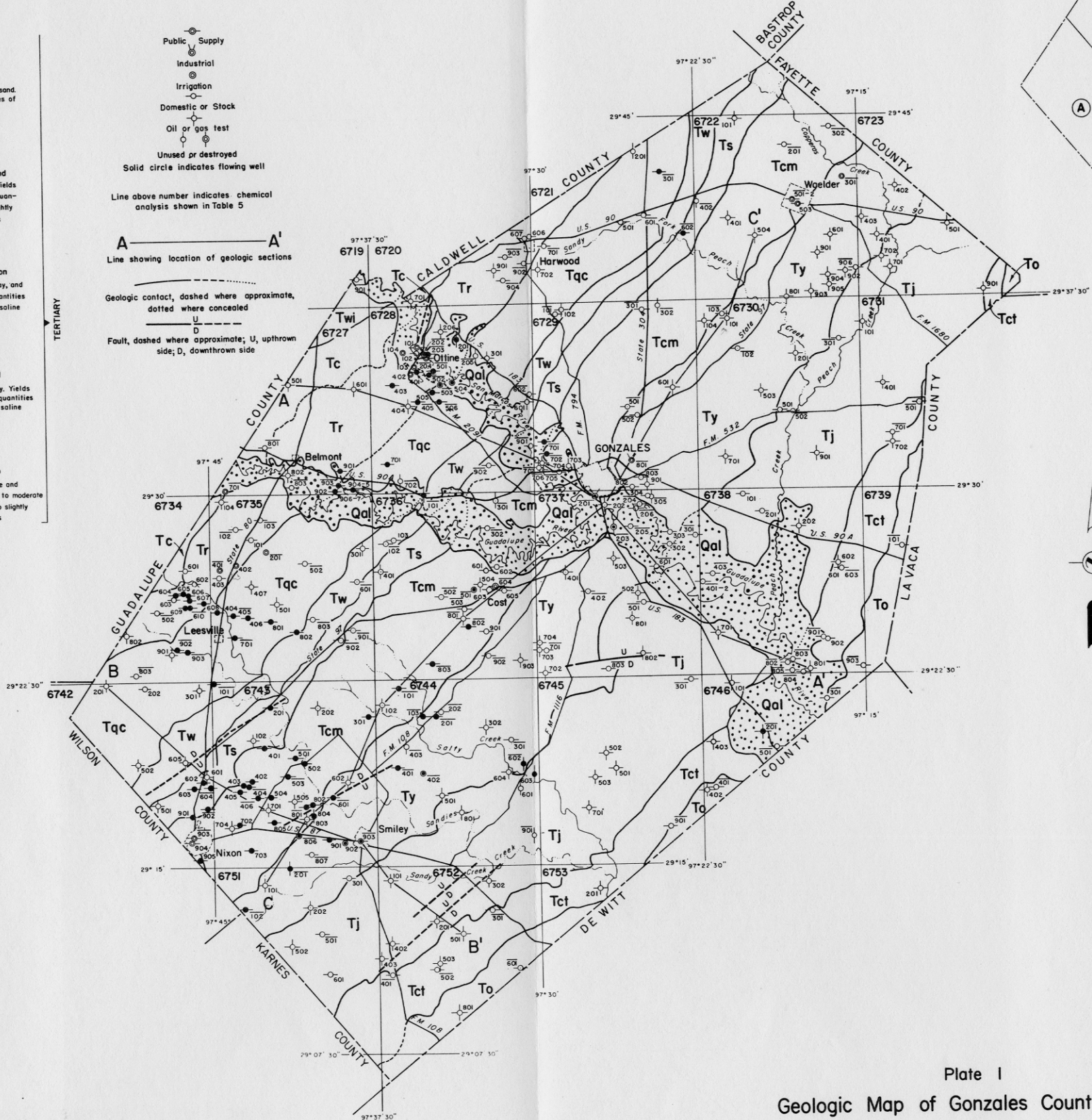


Line above number indicates chemical analysis shown in Table 5

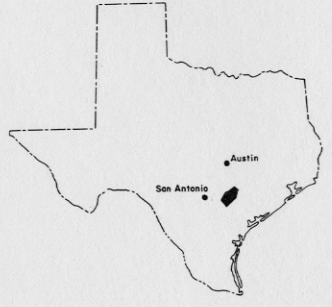
A — A' Line showing location of geologic sections

Geologic contact, dashed where approximate, dotted where concealed

Fault, dashed where approximate; U, upthrown side; D, downthrown side



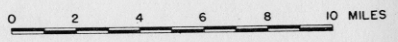
- SOURCES OF GEOLOGIC MAPPING
- A Moxham, R.M., and Eargle, D.H., 1961
 - B King, E.A., 1961
 - C Darton and others, 1937, and field notes



Map of Texas showing location of Gonzales County

Plate I
Geologic Map of Gonzales County, Texas,
Showing Locations of Wells

Base compiled from topographic maps of the Army Map Service and general highway map of the Texas Highway Department



U.S. Geological Survey in cooperation with the Texas Water Development Board and Others