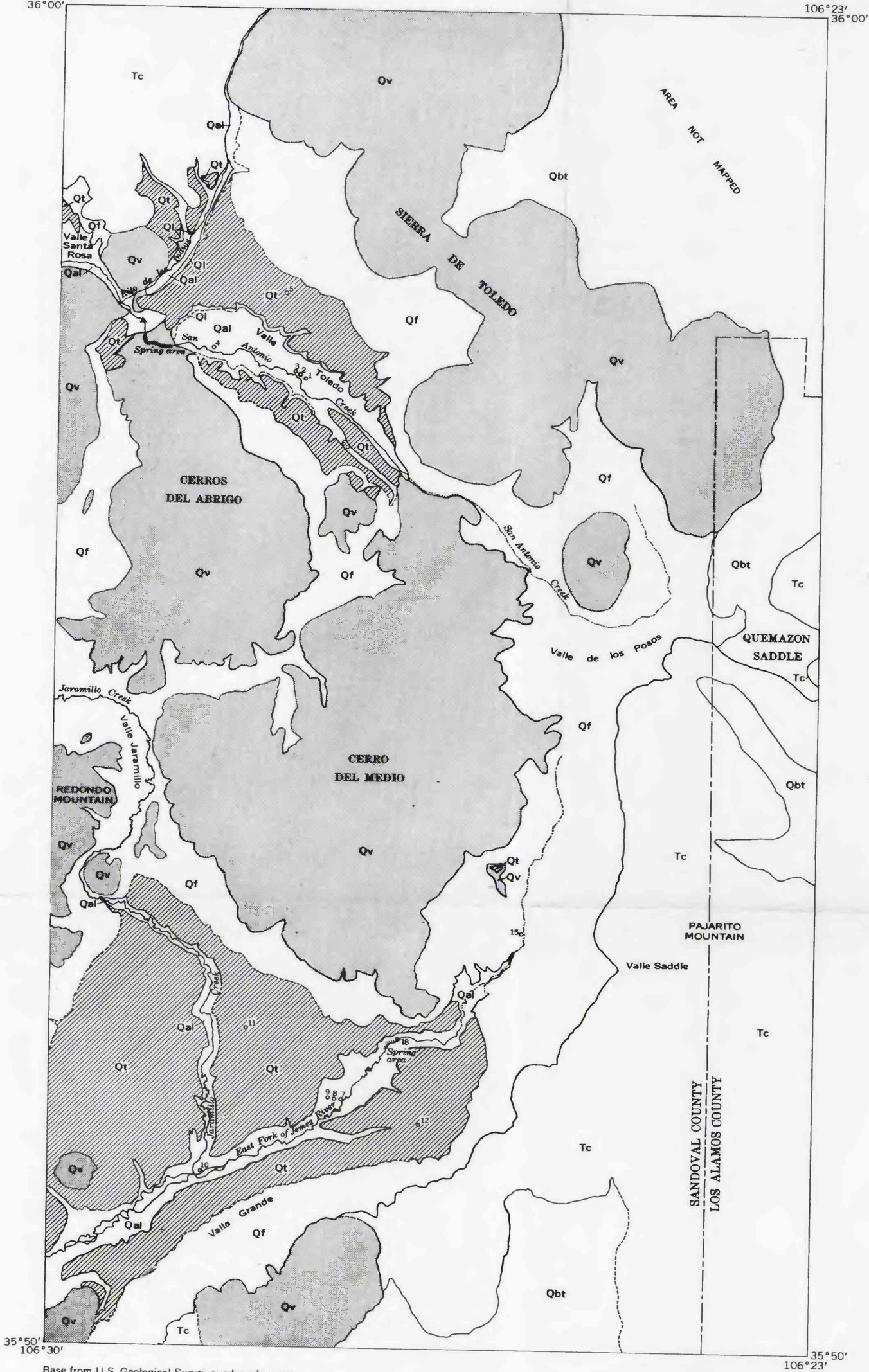


106°30'
36°00'

106°23'
36°00'



EXPLANATION

SEDIMENTARY ROCKS

Qal

Alluvium
Sand and gravel, clayey to silty. Yields small quantities of water to seeps and springs during wet weather

Qf

Alluvial fan deposits
Silt, sand, gravel, and boulders. Yield small quantities of water to seeps and springs during wet weather

Qt

Terrace deposits
Silt, sand, and gravel. Yield small quantities of water to seeps and springs during wet weather

Ql

Lake deposits
Gravel, sand, silt, clay, and possibly some pyroclastic material. Will yield large quantities of water to wells

VOLCANIC ROCKS

Qv

Rhyolite
Forms domes and hills; in volcanic depression upper blocky crustal zone will yield small to moderate quantities of water to wells

Qbt

Bandelier rhyolite tuff of Smith, 1938
Formation is above zone of saturation

Tc

Chicoma volcanic formation of Smith, 1938
Formation is dense and is not known to contain water except possibly along fractures

Contact

Dashed where approximately located

Well

Figure is well number used in this report

Gaging station

QUATERNARY

TERTIARY

Base from U.S. Geological Survey quadrangle maps

Geology by R. L. Griggs, 1950

GEOLOGIC MAP SHOWING LOCATION OF SELECTED WELLS OF THE VALLE GRANDE AND VALLE TOLEDO AREA, SANDOVAL AND LOS ALAMOS COUNTIES, NEW MEXICO



679-607 O - 63 (In pocket)