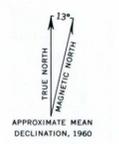


- EXPLANATION**
- Tesuque formation
Silty and conglomeratic sand and sandstone of Tertiary age having relatively high permeability
 - Pre-Tesuque rocks
Precambrian crystalline rocks, Paleozoic and Mesozoic sedimentary rocks, and Tertiary sedimentary and igneous rocks having low permeability
 - Contact
Dotted where concealed
 - High-angle fault
Long dashes where inferred; short dashes where projected without control. U, upthrown side; D, downthrown side. Fault indicated by: S, seismic data; R, resistivity data; G, gravity data
 - Fault projected northward, from Stearns (1953a, pl. 1)
 - Point on exposed contact of base of Ancha formation
 - Well
 - Seismic station
Number referred to in text
 - Resistivity station
Number referred to in text
 - Gravity station
 - Gravity contour
Contour interval, 20 gravity units to an arbitrary datum
 - Structure contours
Contour interval 100 feet; drawn on base of Ancha formation; dashed where control is absent. Contours along east border and in southwest corner are generalized from present topography to show inferred pre-Ancha topography

Sections shown on figures 54, 55, and 56



INFERRED GEOLOGIC AND TOPOGRAPHIC ENVIRONMENT IN WHICH THE ANCHA FORMATION WAS DEPOSITED, SANTA FE AREA, NEW MEXICO



Base on U. S. Geological Survey topographic quadrangles, 1952

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. 10121