Central horst

Water well anticline

Mzu-Pzu

Engle Lake

fault

Engle Lake fault

Main - central

fault

Bend in section

Kmj

Jornada Draw

feet ASL

4,000' -

3,000' -

C (10x vertical exageration)

Southwest

feet ASL

4,900 —

4,800 —

4,700 —

4,600 —

COMMENTS TO MAP USERS

A geologic map displays information on the distribution, nature, orientation, and age relationships

Antelope fault

Mzu-Pzu

Tlr (?)

Bend in section

Antelope

fault

Northeast

fault

feet ASL

— 4,900

of rock and deposits and the occurrence of structural features. Geologic and fault contacts are irregular surfaces that form boundaries between different types or ages of units. Data depicted on this geologic quadrangle map may be based on any of the following: reconnaissance field geologic mapping, compilation of published and unpublished work, and photogeologic interpretation. Locations of contacts are not surveyed, but are plotted by interpretation of the position of a given contact onto a topographic base map; therefore, the accuracy of contact locations depends on the scale of mapping and the interpretation of the geologist(s). Any enlargement of this map could cause misunderstanding in the detail of mapping and may result in erroneous interpretations. Site-specific conditions should be verified by detailed surface mapping or subsurface exploration. Topographic and cultural changes associated with recent development may not be shown.

Cross sections are constructed based upon the interpretations of the author made from geologic mapping, and available geophysical, and subsurface (drillhole) data. Cross-sections should be used as an aid to understanding the general geologic framework of the map area, and not be the sole source of information for use in locating or designing wells, buildings, roads, or other man-made structures.

The map has not been reviewed according to New Mexico Bureau of Geology and Mineral Resources standards. The contents of the report and map should not be considered final and complete until reviewed and published by the New Mexico Bureau of Geology and Mineral Resources. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the State of New Mexico, or the U.S. Government.