



- EXPLANATION**
- Large igneous intrusive body
 - Lacolith with base above contoured horizon
 - Dike and sill
 - Bedrock other than basin fill in area of thrust faults
 - Contact
Dashed where approximately located
 - Structure contours
Dashed where approximately located, short dashed where cover of Cenozoic deposits is extensive. Contours drawn on top of Cenozoic deposits; contour interval 200 feet; datum is mean sea level
 - Normal fault
Dashed where approximately located; dotted where concealed; downthrown side indicated. C indicates fault in Cenozoic basin deposits
 - Thrust fault
Dashed where approximately located; dotted where concealed; southeast on side of upper plate
 - Anticline
Showing trace of axial plane and plunge of axis; dashed where approximately located; dotted where concealed
 - Overturned anticline
Showing trace of axial plane, plunge of axis and direction of dip of limbs; dashed where approximately located; dotted where concealed
 - Overturned anticline with one limb overturned more than 180°
Showing trace of axial plane and direction of dip of limbs; dashed where approximately located
 - Syncline
Showing trace of axial plane and plunge of axis; dashed where approximately located; dotted where concealed; V indicates syncline in favor of Tertiary age
 - Overturned syncline
Showing trace of axial plane and direction of dip of limbs; dashed where approximately located; dotted where concealed
 - Overturned syncline with one limb overturned more than 180°
Showing trace of axial plane and direction of dip of limbs; approximately located
 - Strike and dip of beds
 - Strike and dip of overturned beds
 - Approximate location of concealed margin of Quitman intrusive body in foreland area

TECTONIC DIAGRAM OF THE SIERRA BLANCA AREA, TEXAS