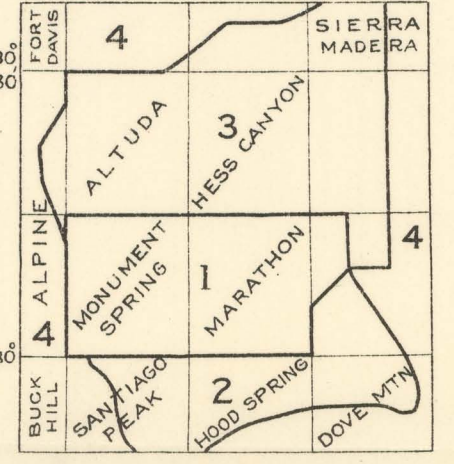


EXPLANATION

- Q Alluvium and older alluvial deposits
- T Volcanic rocks
- I Intrusive rocks
- U Upper Cretaceous rocks
- Lower Cretaceous
  - W Washita group
  - F Fredericksburg group
  - K Trinity group
- Triassic (T)
  - B Bisset conglomerate
  - L Tessey limestone
  - C Carbonian limestone
- Permian
  - W Word formation
  - L Leonard formation
  - W Wolfcamp formation
  - G Gage formation
  - H Haymond formation
  - D Dimple limestone
  - T Tomass formation
- Pennsylvanian
  - C Caballo novaculite
  - M Maravillas chert, Woods Hollow shale, Fort Yuma formation, Alamo shale, and Marathon limestone.
  - D Dagger Flat sandstone
- Normal fault (dashed line)
- Thrust fault (Z, central side)
- Concealed fault (Where covered by Quaternary deposits; Dotted line and other faults where concealed by alluvium and Cretaceous rocks)

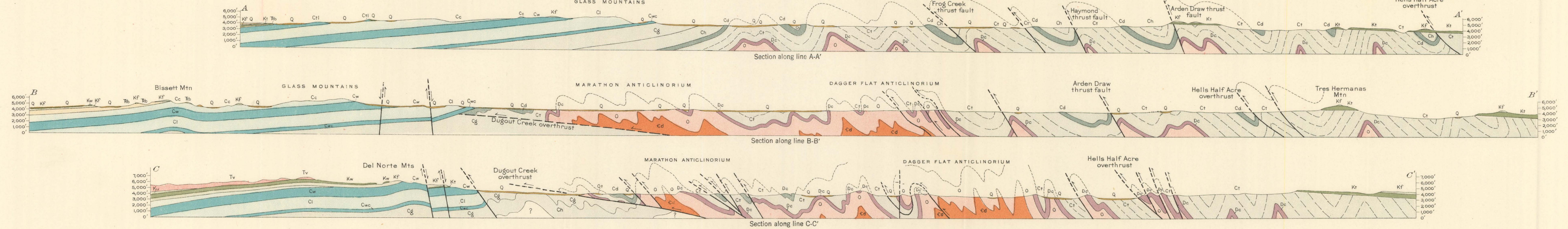
NOTE—The three small red areas directly south of Hays and 5 miles east of Warren Ranch should have been shown in the Trinity group (pattern K).



- INDEX MAP
1. P. B. King, detailed mapping 1930-31
  2. P. B. King, reconnaissance, 1929
  3. P. B. King and R. E. King, 1925-27, in University of Texas Bulletin 3038
  4. N. H. Darton, reconnaissance

Topography from U. S. Geological Survey topographic sheets and reconnaissance soil maps of N. H. Darton with corrections by P. B. King.

Geology by P. B. King, R. E. King, and N. H. Darton, with minor additions from other sources. Surveyed in 1925 to 1931.



GENERAL GEOLOGIC MAP AND SECTIONS OF MARATHON UPLIFT