Late Tertiary extensional basin
Trans-Pecos igneous
Deformed Cretaceous strata
Cretaceous strata
Upper Paleozoic
Lower Paleozoic
Upper Paleozoic flysch
Lower Paleozoic
Precambrian igneous
Precambrian metamorphic

Foreland:
Upper Paleozoic
Lower Paleozoic

Marathon:
Upper Paleozoic flysch
Lower Paleozoic

Llano
Precambrian igneous
Precambrian metamorphic

SUBSURFACE CONTOURS*
(elevation in kilometers**)
Top of pre-Tertiary
Base of Austin Chalk or Top of Edwards Group Cretaceous
Top of Ellenburger Paleozoic
Top of Precambrian
Buried Ouachita facies Paleozoic

* Note changes in mapped horizon.
** >0, elevation greater than sea level;
<-6, depths greater than 6 km below sea level

OTHER FEATURES
- Caldera
- Salt diapirs
- Lower Cretaceous reef trend
- Normal fault, indicating downthrown side
- Thrust fault, teeth on upper plate

TECTONIC FRONTS
- Laramide tectonic front
- Ouachita tectonic front
- Gulf Basin margin

TECTONIC MAP OF TEXAS
1997
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50 100 150 200 miles
0 100 200 300 kilometers