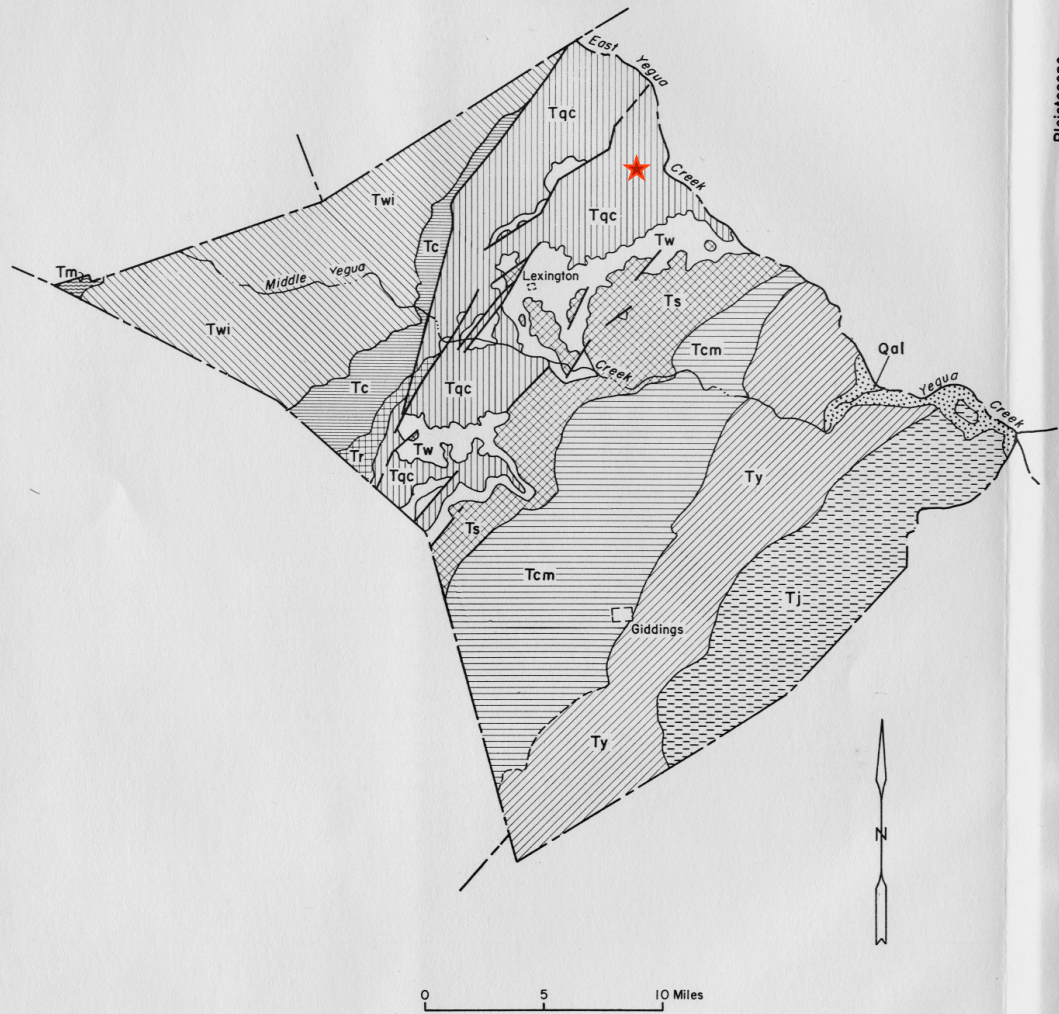




Estimated Location of Subject Property - Chertoma Ranch



EXPLANATION

Pleistocene and Recent		Alluvium Clay, silt, and fine sand. May yield very small quantities of water	QUATERNARY		Queen City Sand Interbedded sandstone and shale; some ironstone. Capable of yielding large quantities of water	TERTIARY
		Jackson Group Clay, shale, tuff, and medium- to coarse-grained sandstone. Capable of yielding small to moderate quantities of water			Reklaw Formation Shale and fine- to coarse-grained sandstone. Capable of yielding small to possibly moderate quantities of water	
Eocene	Clabbarne Group		Yegua Formation Interbedded sand, clay, and lignite. Capable of yielding moderate quantities of water		Carrizo Sand Fine- to medium-grained sandstone. Capable of yielding large quantities of water	TERTIARY
			Cook Mountain Formation Predominantly fossiliferous shale; some sandstone near the middle and base of formation. Sandstone beds may yield moderate quantities of water		Wilcox Group Fine- to medium-grained sandstone and interbedded shale. Capable of yielding large quantities of water	
			Sparta Sand Fine- to medium-grained sandstone and some shale. Capable of yielding large quantities of water		Midway Group Predominantly shale; some siltstone and sandstone. Not known to yield water	
			Weches Greensand Predominantly fossiliferous shale; some sandstone and limestone. Not known to yield water			
					Contact Dashed where approximately located	
					Fault Dashed where approximately located	

Figure 5

Geologic Map of Lee County

U S Geological Survey in cooperation with the Texas Water Development Board

After Darton and others (1937)