



Adapted from USGS Texarkana, Texas. Original Scale 1: 250,000.

**Figure 18. Map Location of Pine Creek**



**Figure 19. Pine Creek east of US 271**

### **Pine Creek**

Pine Creek begins about two miles north of Brookston in central Lamar County and flows northeasterly 29 miles into the Red River in northwest Red River County (TPWD, 1998a). The creek's watershed is within the Post Oak Savannah and Pineywoods ecological regions of Texas. This is one of only two creeks in Texas known to contain the Ouachita rock-pocketbook, a federally endangered freshwater mussel (Howells et al., 1997). It has been indicated that this species of mussel always occurs within large beds containing a diversity of species, thus it is likely that Pine Creek contains a diverse mix of freshwater mussel (Howells et al., 1997). The candidate segment is from the confluence with the Red River upstream to Crook Lake Dam in Lamar County.

- (1) Biological Function- no significant biological function identified.
- (2) Hydrologic Function- no information available.
- (3) Riparian Conservation Area- none identified.
- (4) High Water Quality/Exceptional Aquatic Life/High Aesthetic Value- insufficient data to evaluate criteria.
- (5) Threatened or Endangered Species/Unique Communities- one of two sites in Texas where federally endangered Ouachita rock-pocketbook freshwater mussel has been collected (Howells, 1995; Howells et al., 1997).