

Monthly Report No. 2.
(For March 1937)

W.S. Adkins
T.L. Bailey

During March two days were spent collecting samples of sand near the Buffalo dome in Leon County, Texas. The sand is derived from the Queen City formation. The samples were to be tested for suitability as glass sands.

Three days were spent in company of Thomas L. Bailey going over the part of Bastrop County that had been mapped in February and in the West Belmont and Elm Creek areas in Guadalupe County.

The major part of the month was spent mapping the Weches, Sparta, and Crockett formations in northern and northeastern Bastrop County. The area investigated is north and northeast of Smithville. Much of the region is covered by a 25 foot thick gravel layer of a Colorado river terrace. The Eocene formations have to be mapped were they appear below this gravel.

H.B. Stenzel

The largest amount of time was spent investigating the Sparta Crockett contact in eastern Bastrop County through Ruth Mackey, Charles Edwards, and Perry B. Isles surveys. This is the continuation of the Sparta- Crockett contact shown on the map made by Mr. C. Wright. The contact through the surveys mentioned above is a fault contact. The fault is downthrown on the southeast side. In the next few days I shall uncover the fault plane at least in one place. In itself the fault is of little economic importance, because the downthrown side is on the southeast, but the presence of the fault indicates faulting of opposite nature to the south east of this fault.