

September 20, 1948

Mr. J. Kenneth Blackmar  
 United North & South Development Company  
 Inling, Texas

Dear Mr. Blackmar :

Please find enclosed description of the cuttings from core hole No. 1 on the Co. in 50-acre tract 2.6 miles south of Harwood. You will notice in the description that Turritella turneri is emphasized. The known range of this fossil is middle Queen City and upper Reklaw (Marquez). It is very abundant in the Reklaw of Gonzales County near Harwood and has been found in very many of the holes drilled for exploration by oil companies in that region. The occurrence of this fossil at 180 feet in this hole indicates that the surface outcrop surrounding the hole cannot possibly be Weches but must be Queen City. This, in turn, seems to indicate that there is no sizable faulting in the vicinity of that hole.

From the reconnaissance examinations we made of the ground it seems that it is possible that there is a sizable fault approximately in the region halfway between Ottine and Harwood and a little south of the straight line connecting these two villages. On account of this possibility it seems advisable that this region be investigated in more detail.

The samples of the other well are somewhat difficult because there seems to be a continuation of the upper material down in the hole. I wonder whether in future drilling it would not be advisable to employ either different machinery or different drilling methods to obtain cleaner samples. Perhaps the use of heavy bentonite mud would keep the upper cuttings from continuing down the hole.

Very truly yours,

H. B. Stenzel, Geologist

HBS:AJC  
 Enclosure