

THE TEXAS COMPANY

TEXACO PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
LOUISIANA DIVISION
R. C. STEWART, DIVISION MANAGER



P. O. Box 1737,
SHREVEPORT, LA.

June 23, 1938.

Dr. H. B. Stenzel,
University of Texas,
Austin, Texas.

Dear Dr. Stenzel:

Many thanks for the book and maps which you and Dr. Sellards sent me.

Mr. Hazzard and I have been spending our Sundays visiting some outcrops in Natchitoches Parish, the age of which we would like to establish. These beds are in the hills flanking Red River Valley on the south near the town of Derry and Montrose. They have been mapped as Jackson by the Gulf geologists. Recently the State geologists have mapped what they call Vicksburg through this part of the state. At the Derry locality we have an olive green clay with about one foot or less of an indurated shell breccia containing mostly small pelecypods.


At Montrose there is a somewhat similar clay with lime nodules. We found a few fossils weathered out of the Montrose bed which I am sending you by express today. There are some fish teeth, fish otoliths, a pecten, some oysters which Mr. Moody says resemble Jackson oysters, a coral which I think may be Oculina vicksburgensis (Conrad). We would like to have your idea as to the identification and age of these fossils. When you have finished I would like to have these back by express collect.

Also I am inclosing a poorly preserved crab which you may keep as your fee for this advice. The crab is from the Cook Mountain limestone, locality near Provencal.

I have washed the clays of these beds and have not found any forams in the Derry beds. There are a few forams and ostracods in the Montrose beds, which may be either Jackson or Vicksburg;

Give my regards to Dr. Sellards, Miss Casey and Barnes.

Yours truly,


M. N. Broughton.