

April 20th, 1930

Mr. O. E. Johnson, Superintendent,
Anacanda Lead Products Company,
East Chicago, Indiana.

Dear Mr. Johnson:

I am in receipt of your letter of April 24th, relating to the mechanical Pattisonizing process of Mr. Arthur E. Hall.

I note that you don't consider this process of much interest and agree with you. Towards the end of your letter you suggest that some experiments might be made by the Research Department on the Hall process. Inasmuch as my understanding is that the Hall process is not likely to be of interest to us, I can't see any use in spending money on experimenting with it.

I am afraid there is some misunderstanding on your part as to the work being done at Tescle with a view to segregating high bismuth material and producing a bismuth bullion containing 25% bismuth. The situation at Tescle as developed in conversation with the local staff is that they cannot do much more segregating than they do now. The ore regularly coming to the plant must be smelted as a mixture in order to take care of their various fluxing characteristics. The 2 or 2 1/2% bismuth bullion is to be produced, if possible, by smelting high bismuth residues from Anacanda in one of the blast furnaces. As a preliminary to this, it will be necessary to concentrate the Anacanda residue in some way. This problem is being investigated by the Anacanda Research Laboratory and also by Mr. Welch at Tescle.

What we hope to do is to produce some 2 or 2 1/2% lead bismuth bearing bullion for the White Lead Plant. This, however, will not result in a lowering of the bismuth content of the general Tescle lead production.

Trusting that I have made myself clear, I remain

Yours very truly,

FL/FV

CC- Mr. J. O. Hiten -