

DEFENDER PHOTO SUPPLY COMPANY, INC.



FACTORY AND GENERAL OFFICES
ROCHESTER, N.Y., U.S.A.

August 1, 1940

Miss Laura Gilpin
317 Cheyenne Road
Colorado Springs, Colorado

Dear Miss Gilpin:

We are returning your TriFac negatives and a Chromatone print under separate cover. We are uncertain from reading your letter whether you exposed the negatives with the 86-B filter or with the 86-A, as per Mr. Potter's suggestion of January 15. Enclosed are densitometric readings and curves plotted for the neutral scale. We assume you used the 86-B filter, judging by the appearance and balance of the negatives. Regardless of which filter was used, the balance should be considerable improved by using a haze filter (Wratten 2 or 2A) in conjunction with the present one.

You will note from examination of the densitometric readings and curves that all three negatives are underexposed, since the three darkest steps are of nearly the same density. An exposure increase of approximately 100% should give good printing negatives though still unbalanced. This should not be of major importance from a reproduction standpoint, although the yellow print will require much more exposure than the others.

We are also sending a print from TriFac on our new matt surface Chromatone paper. The matt effect is obtained by assembling the collodion stripping layers with the emulsion side up. The glossy surface can still be obtained by simply assembling the print with the emulsion side down as previously handled. Spotting and print retouching is easily carried out on the matt surface after the print has dried, using Japanese transparent water colors. It is advisable to add a trace of Acetic Acid to the colors before application, since the blue is reduced by alkaline solutions.

We shall be interested in hearing from you again regarding your experience with TriFac in that locality.

Yours very truly,
DEFENDER PHOTO SUPPLY CO., INC.

A. C. Ayon
per *B. K. Dean*

Technical Department

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