

Interview With Mr. H. C. Eastman

on

THE GREGORY-O'NEILL GROUP

by

C. R. Horn

1936

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COLORADO SCHOOL OF MINES
GOLDEN, COLORADO

Report furnished by H. C. Eastman

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From Number Eleven shaft west on the Gregory vein system for several thousand feet extends the Gregory-O'Neil group of claims. Out of the ground stoped, as shown by the photostat hereto attached, Mr. H. C. Eastman shipped and recovered \$187,847.26. The average recovery in those days in slow drop stamp mill amalgamation followed by concentration on old Gilpin County bumping tables on unoxidized chalcopryrite ore did not average over 50 to 60 per cent recovery.

There is on file in Mr. Eastman's vaults a complete ore book showing every shipment of ore made, from what part of the mine it was extracted, where it was consigned, and what values were recovered. These shipments are all tied by numbers to certificates from U. S. Mint, mills and smelters. At that time the marketing cost was 28.96 per cent of gross value recovered.

In the bottom of the east 866 foot level, the lowest level in the mine, the richest ore ever encountered in the mine was found. This ore assayed as high as \$5,000 per ton. By analysis this ore was shown to be a combination of teluride and tetrahedrite or "gray copper."

Almost simultaneously with this discovery came the depression of 1907 and 1908 and all of the properties in the neighborhood shut down.

In the last couple years a syndicate has taken over this group which includes the Gregory, O'Neil, Bobtail and Cooke-Fiske claims. According to Federal reports the production from this group was some \$45,000,000 and the production within a radius of a mile was about \$85,000,000.

A monument has been erected on this vein at the point of first discovery by the State Historical Society certifying to these facts (refer to the Engineering and Mining Journal for August, 1935, and to the Federal Government report in the office of Mr. Charles W. Henderson of the U. S. Bureau of Mines at Denver.).

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