

SHERIFF'S OFFICE



April 10, 1944

FILE NO. _____

MR. KERMIT GEARY
R.F.D. #2
Walnutport, Pennsylvania

Dear Mr. Geary:

We are in receipt of your letter of April 1st, and we are indeed gratified to have such a fine, detailed report of our transmissions received in your area. We have had many reports from our station, but none as thorough as the one you have submitted.

The following is a description of the transmitter used by K A C S: A Westinghouse Type CQ, 500 watt, using 5-203-A tubes in the final in parallel, high-level modulated by 4-203-A push-pull parallel class B. Transmitter located in the Sheriff's Office on the ground floor with 7/8" concentric transmission line to the antenna mounted on the roof. The antenna is a 3/8 wave vertical made of steel tube, using counterpoise of copper strip laid upon the roof under one layer of roofing paper. The Bakersfield Police Department and the California Highway Patrol, Kern County Unit, use this transmitter by remote control in cooperation with the Sheriff's Office.

Kern County has an area of 8,159 square miles of which 50% is mountainous, 25% is desert, and the balance metropolitan area, oil fields and agricultural area. This large territory is covered by above transmitter in conjunction with 98 portable-mobile units operating through automatic relay control located on a mountain peak approximately thirty-five miles from the City of Bakersfield.

Your mention of becoming an amateur after the War interests me because I have been an active amateur operator since 1916. My latest call letters used for the past ten or twelve years have been W6EQI and W6BWR. At the time we were taken off the air, I was using a California Kilowatt consisting of a pair of Eimac 250-TH in the final, modulated with a pair of 250-TH's, running at the usual 900 watt input. If you should get on the air, I would be very pleased to work you on any band from 2 1/2 meters and up.

We wish to thank you for your very nice letter, and we will be very happy to hear from you at any time. In the event that you would like further information concerning K A C S or Kern County, we will be glad to oblige.

Yours very truly,

William E. Whiting
WILLIAM E. WHITING, Radio Engineer,
-Kern County-