

## Survey No. 2189.

This meridian is the one from which the bearings of all surveys made by me in this district are deflected and the one used for nearly all surveys made in this District by other Deputy Mineral Surveyors, and has been checked by the meridian established by the U. S. Coast and Geodetic Survey and marked by stone piers about 1 mile apart.

The latitude was determined by the use of a Saeg-muller solar attachment used with a A. Leitz Company transit and was found to be  $N. 38^{\circ} 04'$

The Latitude established by the U.S. Coast and Geodetic Survey at the S. stone pier on the above described meridian is  $N. 38^{\circ} 04' 04''$ .

Report.

The N.W. Cor. Sec. 34, T. 3 N., R. 42 E., Mount Diablo Base and Meridian is a lava rock silicified 7 x 5 x 22 ins. long, now set 10 ins. in the ground, chiseled 1-S. 111 E. with mound of earth and stone around the corner.

At the time this survey was executed this corner had been torn down, undoubtedly by prospectors in search of location notices, and the stone used as part of a claim monument some yards away from the true corner.

I had located this corner with reference to certain other monuments by course and distance, but my data had been burned. Some time after the execution <sup>of this Survey.</sup> I found data which I knew to be mine, and which enabled me to accurately locate the section corner. I even found the original imprint of the corner stone and of its monument.

The N. 1/4 Cor. Sec. 34 was located upon a ridge which slopes in all directions but one, and the corner was either thrown down, or had fallen down and its monument scattered.