

Survey No. 2185

1/4 miles W. of Mt. Oddie.

Instruments

A Lietz Company transit No. 0523 and a standard steel tape made by H.S. Crocker Company San Francisco Calif. 500 ft. long.

Bearings are deflected from the true meridian determined from observation on Polaris at its elongation.

This meridian is the same used by me in all the official surveys made by me in this District, is the same as that used by all the other Deputy Mineral Surveyors nearly in this District. This Meridian has been checked with the meridian established by the U.S. Coast and Geodetic Survey and marked by stone piers about one mile apart.

The Latitude was determined by observations with a Saegmuller Solar Attachment which gave N. Lat. $38^{\circ}04'$

The U.S. Coast and Geodetic Survey established the latitude here as $38^{\circ}04'04''$ N.

Report

The E. 1/4 Cor. Sec. 34 T. No. 3 N. Range No. 42 E. Mount Diablo Base and Meridian consists of a porphyry stone 16 ins. long 10 ins wide and 4 ins thick scratched 1/4 to the W. (not chiseled) surrounded by a monument of stone.

The N. 1/4 Cor. Sec. 34 was placed on a ridge sloping in all directions but one and has been thrown down or rolled down, and its monument scattered.

The N. W. Cor. Sec. 34 has been pulled down probably by prospectors and used as a monument some distance away from its original site. The W 1/4 Cor. Sec. not found. Therefor this survey was connected with the E. 1/4 Cor. Sec. 34. T. 3N. R. 42E. M. D. M.

The N. E. Cor. Pharo Lode (unsurveyed) consists of a pine post 4-1/2 ft. long 4 ins square square set 1 ft. in ground marked N. E. Cor. No. 4 Pharo, with mound of earth and stone 4-1/2 ft/ in dia. at the base built up around

May 21st 1907