

Resurvey of portion of S bay T12NR44E. M.D.M.

Survey Commenced March 17, 1905 and executed with a Leitz transit No 1882 the horizontal limb having two double verniers placed opposite to each other and reading to 1' of an arc.

The instrument was examined and tested on the true meridian at San Francisco and found correct per Certificate No dated August 19, 1904.

I begin at Cor. of Secs. 4, 5, 32 & 33 in latitude 38° 50' 20" N. Longitude 117° 03' W. which is a granite stone 24 x 12 x 8 ins. marked with 2 notches on the W and 4 notches on E. edges. lying in midst of old stone mound

I re-establish said Cor. at the same point as follows - Set same stone 18 ins. in the ground marked with 4 notches on E and 2 notches on W. edge. for Cor. of Secs. 4, 5, 32 & 33; dig pits 18 x 18 x 12 ins in each section 5 1/2 ft. dist. and raise mound of earth and stone 4 ft. base 2 ft. high W. of Cor.

At this Cor. at 7^h 40.5^m P.M. I observe Polaris at its Western elongation in accordance with instructions in the manual and mark the line thus determined by a tack in a wooden plug set in the ground 5 chs. N. of my station.