

Retracement of Mt. Diablo Base line
through R55E

Chains.

Nov. 12, 1913

At the cor. of Tps. 1N and 1S; Rs. 55 and 56E, reestablished by me, Nov. 14, 1913; I turn 90° from N. to W., from the meridian established by Polaris observation Nov. 14, 1913.

Thence I run

W. on a blank line, retracing the Mt. Diablo Base line, S. of sec. 36.

Since I have but one set of chainmen I measure the distances twice with the same set, instead of using two sets.

Difference between two measurements of 40.00 chs. by the same set of chainmen is 2 lks.; position of middle point

By 1st. measurement 39.99 chs.

By 2nd. measurement 40.01 chs.; the mean of which is.

40.00

Intersect the old ¼ sec. cor., a volcanic stone firmly set in a mound of earth and stone, marked and witnessed and of the dimensions described by the Surveyor General

Difference between two measurements of 80.00 chs. by the same set of chainmen is 4 lks.; position of middle point

By 1st. measurement 79.96 chs.

By 2nd. measurement 80.04 chs.; the mean of which is:

80.00

Intersect the old standard corner of secs. 35 and 36; a volcanic stone, firmly set in a mound of earth and stone, of the dimensions and marked and witnessed as described by the Surveyor General

From the cor. of secs. 35 and 36, I run W. south of sec. 35; measuring the distances twice with the same set of chainmen.