## Mount Diablo

Meridian.

Chains

North, on a random line between Sections 4 and 5.

Variation 15°50 East.

1

40,00 Set a Franke stone 19x/3x/1 ins., 14ins. in the ground, for \frac{1}{2} Sec. Cor., marked \frac{1}{2} on \mathcal{N}. face, dug pits,  $18 \times 18 \times 12$  ins.,  $\epsilon$  and M of stone 5\frac{1}{2} ft. dist., and raised a mound of earth 1\frac{1}{2} ft. high, 31 ft. base.

76,44 Intersect the 4 Standard Parallel North at a point 7, 77 chs. East. of the Standard Cor. to Secs. 32 and 35. T. 16 A. R. 526. at which point I.

J644 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Closing Cor. to Secs. 4 and 5 market C. C. I. 17 S.R. 526., on S. S. 4 on & and S. 5 on M faces, with 4 notch lo on 6 and 2 notch lo on Wfaces, dug pits 18 x 18 x 12 ins. S. E. W of post, 51 ft. dist. and raised a mound of earth 2 ft. high, 41 ft. base around post.

Land level.

Soil 2 + 3 rate

Undergrowth of Dagebrush & Bennelgrass I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Dec 23 nd 1881