

Monte Diablo Base and Meridian.

Chains.

North, on a *two* line between Sections 5 and 6.

Variation

17°

East.

level land

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on *W* face, dug pits, 18 x 18 x 12 ins. *No* and *S* of post 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base, around post.

79.22

Intersect the *south* Standard Parallel North at a point 43.00 chs. West of the Standard Cor to Secs. 5 and 6 T. 30 N R. 67 E at which point I

Set a post 4 $\frac{1}{2}$ ft. long, 4 ins. square, 12 ins. in the ground for closing cor. to secs. 5 and 6 marked

C C., T. 30 N R. 67 E on *D* S. 5 on *E* and S. 6 on *W* faces with 5 notches on *E* and 1

notch on *W* faces, dug pits 18 x 18 x 12 ins. *D. Cor* of post, 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.

*level land**sage and grass**soil 2nd rate*

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

October 2nd / 1882 *W. C. Preble*