

Monte Diablo Base and Meridian.

Chains.

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

Variation $17^{\circ} 30'$ East.

40.00 Set temporary $\frac{1}{2}$ sec. cor.

80.30 Intersect North B. of T²⁰ lks E of cor. to secs 4
 $0: 32 \text{ lks}$
 which is a stone $20 \times 10 \times 11$ ins.
 marked with 2 notches on (W) and 4 notches on Edges
 and mound of stone

from which cor. 1 run $11' E$
 on a true line between sections 4 & 5 with same va
 Descend 5° slope

28.00 Over nearly level ground bears E & W

29.00 A Spring bears East about 9.00 chs dist

30.00 Cross fence bears E & W and enter field

40.30 Set a Trap stone $14 \times 10 \times 10$ ins. 9
 ins. in the ground. for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on (W)
 face, and raised a mound of stone alongside. Pits impracticable

41.00 Creek 3 lks. wide, runs f. E.

47.00 Cross fence bears NE & W and leave field

76.00 Dry Channel 10 lks. wide, cours. f. W

80.30 The cor. to secs. 4, 5, 8 & 9

The necessary corrections corresponding
 to the giving slope. has been applied and
 the corner located according to the true
 distance thus obtained.

Land mountainous 28.00 chs
 and level and slightly rolling 02.30 chs
 soil 2 (m) rate

I carefully examined the adjustments of my solar com-
 pass to-day, particularly the latitude and reversing
 apparatus, and found them correct. (March 26, 1885)