

Mount Diablo Base

R. 37 E

chains S. $89^{\circ} 57'$ W. from the tangent
S. of sec. 31.
1.80 ascend yellow hill.
5.40 top of yellow hill.
descending over gullied line for-
mation
34.80 ravine, course S. W.,

Difference between measurements
of 40 chs. by two set of chain-
men is 6 lbs. position of middle
point,

By 1st set is 40.03 chs.

By 2nd set is 39.97 chs. the
mean of which is

40.00 N. 24 lbs. from the tangent.

Set a volcanic stone $14 \times 12 \times$
8 ins. 10 ins. in the ground
for Base $\frac{1}{4}$ sec. cor., marked
B.C. $\frac{1}{4}$ on N. face; and raise
a mound of stone 2 ft. base,
 $1\frac{1}{2}$ ft. high N. of cor.

Pile impracticable.

49.40 intersect the range line between
Rgs. 36 and 37 E. T. 1 N. protract-
ed S. 4.90 chs.