

THROUGH RANGE ~~45~~ EAST

Monte Diablo Base and Meridian.

Chains.

West on South Boundary of section

31

Ta. $18\frac{1}{2}^{\circ}$ East.

- 4.50 Little Coyote Creek 30 ft wide bearing $N 46^{\circ} E$
- 17.00 Leave bottom land bears $N 61^{\circ} E$ 440 $S 11^{\circ} W$
- 40.00 Set a post $3\frac{1}{2}$ ft. long, 3 ins. diam. 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor. marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ and W of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{3}{4}$ ft. base around post.
- 80.00 Set a Marker $17 \times 10 \times 9$ ins. 7 ins. in the ground for Standard Cor. to Tps. $46 N$, R's 44 and $45 E$ marked S. C. with 6 notches on NE and SW edges, and dug pits, $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base

1st part Creek bottom with $\frac{1}{2}$ rate
Meadow land

2nd part level and slightly rolling
Sage & $\frac{1}{2}$ Grass Soil $\frac{1}{2}$ rate

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

John O. Smyles
August 8th 1882