

Special Examination of Twp. 27 N., R. 34 E.

Chains

In compliance with instructions and letter of authority dated September 28th, 1912, from William Stover, Assistant Supervisor of Surveys of Nevada, I made a special examination of a portion of the surveys of Twp. 27 N., R. 34 E. Mt. Diablo Meridian, Nevada for the purpose of determining the advisability of a re-survey of the township. The examination was made with a Young & Sons mountain transit, No. 8538, with a Smith Solar attachment, which was in good adjustment, having been previously tested on a Polaris meridian on Nov. 15th, 1912, in sec. 3, T. 24 N., R. 33 E. The condition of the old surveys of the lines examined are described in the following field notes and set forth on the accompanying field plat:

November 18th, 1912.

At the common cor. for Twps. 26 and 27 N. Ranges 33 and 34 E. which is a trap rock 6 X 18 X 20 ins. above ground, marked with 6 grooves on N. E. S. and W. faces and witnessed by a stone mound, 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor., I set off $19^{\circ} 13'$ S. on the decl. arc at 9h a m l. m. t. and $40^{\circ} 9'$ N. on the lat. arc and determine a meridian with the solar; thence I re-trace: East on a random line along the S. bdy. of sec. 31, Twp. 27 N., R. 34 E.

Over rolling mountainous land covered with loose boulders,

- 5.50 Dry wash, 10 lks. wide, course N. 60° W.
- 22.70 Dry wash, 15 lks. wide; course S W. asc.
- 25.50 Top of low spur, bears N. W. desc.
- 39.83 Intersect a point 31 lks. S. of the old $\frac{1}{4}$ sec. cor. which is a trap rock 6 X 8 X 10 ins. above ground, marked $\frac{1}{4}$ on N. face and witnessed by a stone mound; 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

The true course derived from the falling of 31 lks. in

39.83 chs. is N. $89^{\circ} 33'$ E.

Beginning at the above described $\frac{1}{4}$ cor. I continue to retrace E. along the S. bdy. of sec 31.