

Chains.

measurements were taken with 5 ch. and 8 ch. Lallie steel tapes, the slope distances being reduced to the horizontal by the use of Dietzgen and Keuffel and Esser Co. clinometers. All tapes were tested frequently with a standard 1 ch. steel tape kept for this purpose, only.

December 17, 1918, in sec. 7, T. 7 S., R. 67 E., at 9h a.m., 1. m. t., the magnetic bearing of the true meridian is N.16°30'W.; the angle thus determined gives the magnetic declination 16°30'E.

West Boundary of T. 7 S., R. 67 E.

From the cor. of Tps. 7 and 8 S., Rs. 66 and 67 E., which is an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in a mound of stone above ground, firmly set, and marked and witnessed as described by the Surveyor General,

North on a random line along the W. bdy. of T. 7 S., R. 67 E., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.; and, at 470.34 chs. fall 96 lks. W. of the cor. of Tps. 6 and 7 S., Rs. 66 and 67 E., which is an iron post, 3 ins. in dia., 12 ins. above ground, firmly set, and correctly marked, and witnessed with a mound of stone, 3 ft. base, 2 ft. high, S. of cor. The falling answers to a correction of 0°07', or 16 lks. E. per mile, counting from the SW. cor. of the Tp.; therefore I return to the cor. of Tps. 7 and 8 S., Rs. 66 and 67 E.

Thence,

N.0°07'E. on a true line bet. secs. 31 and 36.

Over rough mountainous land, through scattering cedar,

oak brush and greasewood, and dense black brush and sagebrush; asc. SE. slope.

5.50 Top of spur, 215 ft. above Tp. cor., projects E.; desc.

10.60 Dry wash, 15 lks. wide, 1 ft. deep, in the bottom of swale, 160 ft. below top of spur, course NE.; asc.