

Retracement of the Utah-Nevada State Line.

Chains.

practicable, the instrument was known to be in adjustment during the progress of this assignment. All measurements were taken with a five chain Lallie steel tape, the slope distances being reduced to the horizontal by the use of a Keuffel and Esser clinometer; and the tape was compared often with a standard one chain steel tape kept for this purpose, only. In computing the declinations of the sun the refractions were corrected for an altitude from seven thousand to eight thousand feet above sea level.

August 17, 1919, in sec. 19, T. 1 N., R. 71 E., at 3h Om, p.m., l. m. t., the magnetic bearing of the true meridian is $N.17^{\circ}15'W.$; the angle thus determined gives the magnetic declination $17^{\circ}15' E.$

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From the 231st. mile cor. on the Utah-Nevada State Line, hereinafter described,
South on a retracement line on the 232nd. mile along the Utah-Nevada State Line.

69.56 Fall 13 lks. W. of the closing cor. of secs. 26 and 35, T. 32 S., R. 20 W., Utah.

91.59 Fall 22 lks. W. of the 232nd. mile cor., hereinafter described. Therefore the bearing of this mile is $N.0^{\circ}08'W.$

South on a retracement line on the 233rd. mile from the 232nd. mile cor.

58.85 Fall 45 lks. E. of the closing cor. of Tps. 32 and 33 S., R. 20 W., Utah.

74.36 Fall 53 lks. E. of the 233rd. mile cor., hereinafter described. Therefore the bearing of this mile is $N.0^{\circ}24'E.$