North and East Boundaries and Subdivisions of T. 27 S., R. 2 E., as surveyed by Norman D. Price, U. S. Surveyor, and Otto L. Draper, U. S. Transitman, under Special Instructions, Dated Dec. 24, 1920.

CHAINS

As all of the solar observations during the usual hours of solar work come within 1' 30" of the true meridian I conclude that the instrument has remained in satisfactory ajustment throughout the survey.

Final Test.

Aug. 31, 1929; At my camp located near the SW. cor. of sec. 9, T. 27 S., R. 2 E., Willamette Meridian, Oregon, in lat. 43*14'N., and longitude 122*36'W., at 9h 1.5m p.m. l.m.t., I observe Polaris at eastern elongation making four observations, two each with the telescope in direct and reverse positions, and mark the mean point in the line thus determined, on a peg driven in the ground, 5 chains N.

Azimuth of Polaris at eastern elongation 1*29'

Sept. 1, 1929; At 7h 0m a.m. app. t., I lay off the azimuth of Polaris 1*29' to the west, and mark the meridian thus determined, by a tack in a peg driven firmly in the ground, 5 chains N.

Sept. 1, 1929; At 8h 0m a.m. app. t., I set off 43*14'N. on the latitude arc, 8*20'N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, I set off 8*16'N. on the declination arc, and observe the sun on the meridian, the resulting reading of the lat. arc is 43*14'N. which agrees with the observed lat. of this station.

At 4h 0m p.m. app. t., with the lat. arc unchanged, I set off 8*13'N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations, taken during the usual hours of solar work come within 1'30" of the true meridian, I conclude that the instrument has remained in adjustment throughout the survey of this township.