

chs. N. of my station and on which the point falls 30" W. of the point determined with the solar on previous date. At 8h. 0m. a.m., l.m.t., I set off 41° 10' N. on the lat. arc; 3° 12' N. on the decl. arc; and determine a meridian with the solar, which falls 1' W. of the meridian established by Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

September 15, 1918.

Measurements on the surveys of this township were made with a Lallie 5.00 ch. steel tape, which was frequently compared with a U.S. standard 1.00 ch. steel tape.

Slope angles were determined by means of clinometers, the adjustments of which were made by comparing their readings with those of the transit. Throughout the survey of this township the adjustments of the transit were frequently examined and the solar apparatus tested at least once a week by comparing the results of am., and p.m. observations with the meridian established by observations on Polaris.

Retracement of the California-Nevada State Boundary Line between a portion of Tps. 38 N., Rs. 17 and 18 E.

Chains

From the 60 Mile cor. on the California- Nevada State Boundary Line, hereinafter described, I retrace North on the 60th Mile.

- 5.26 Fall 0.4 lks. E. of the closing Tp. cor. for Tps. 37 and 38 N., R. 18 E. hereinafter described. Thence continue with line and measurement.
- 23.11 Fall 2 lks. W. of the $\frac{1}{4}$ cor. of secs. 25 and 26, hereinafter described. Thence continue with same line and measurement.
- 62.77 Fall 3.8 lks. E. of the cor. of secs. 23, 24, 25 and 26, hereinafter described. Thence continue with line and measurement.
- 79.44 Fall 8 lks. E. of the 59th Mile cor., hereinafter des-