

## Resurvey

~~Retracement~~ of the E. bdy. of T. 26 N., R. 30 E.

Chains Survey commenced June 21, 1912, and executed with a Young & Sons transit, No. 8538, and a K. and E. transit, No. 20575, both having Smith solar attachments. On June 14, 1912 the instruments were examined and tested on the meridian at the Federal building, at Reno, Nev., found to be in good adjustment, and approved by the Surveyor General.

June 22, 1912.

At the standard cor. of secs. 34 and 35, T. 26 N., R. 30 E., at 3 h. p. m., l. m. t. I set off  $23^{\circ} 27\frac{1}{2}'$  N. on the decl. arc and  $40^{\circ} 4'$  N. on the lat. arc and determine a meridian with the solar and mark the meridian thus determined at a point 5 chs. N. of my station.

June 23, 1912.

At the station above described at 1 h. 27.7 m., a. m., l. m. t., I observe Polaris at eastern elongation and mark the line thus determined on a hub driven in the ground 5 chs. N. of my station. At 8 h., a. m., l. m. t., I lay off the azimuth of Polaris,  $1^{\circ} 31'$  to the west. The true meridian thus obtained coincides with the solar meridian determined and marked yesterday afternoon. At 9 h., a. m., l. m. t. I set off  $23^{\circ} 27'$  N. on the decl. arc and  $40^{\circ} 4'$  N. on the lat. arc and test the solar on the meridian previously established and find it to be correct, therefore having tested the solar by both afternoon and forenoon observations on the above Polaris meridian and found it to be correct, I conclude that the instrument is in good adjustment.

June 23, 1912

June 24, 1912.

I find that the standard cor. of Tps. 26 N., Rs. 30 and 31 E. is totally obliterated and I re-establish same as follows;

At the  $\frac{1}{4}$  standard cor. on the S. side of sec. 36, T. 26