

T. 31 N., R. 59 E.

computed declination of the sun.

At 3h 40m p.m., app.t., with the lat. arc unchanged, I set off $21^{\circ} 37.5'$ N. on the decl. arc; and determine a meridian with the solar which I find falls one minute to the right of the true meridian.

June 27th, at the conclusion of the survey, to prove the continued satisfactory adjustment of the solar apparatus during the progress of the survey, I place the instrument on the above meridian and proceed as follows:

At 7h 15m a.m., app.t., I set off $40^{\circ} 33'$ N. on the lat. arc; $23^{\circ} 23'$ N. on the decl. arc; and determine a meridian with the solar which agrees with the true meridian.

At 4h 0m p.m., app.t., with the lat. arc unchanged, I set off $23^{\circ} 21.5'$ N. on the decl. arc; and determine a meridian which I find falls one minute to the right of the true meridian.

The instrument performed consistently thruout the progress of the survey.

----- MEASUREMENTS.-----

Unless otherwise specified all measurements are made with a Lallie 5 chain steel ribbon tape found to be correct by comparison with a Lufkin standard steel tape 1 chain in length. All measurements are made on the slope, the vertical angle determined with Keuffel & Esser clinometers, and the slope measurements properly reduced to the true horizontal distances.

RESTORATION OF A PORTION OF THE BOUNDARY AND SUBDIVISIONAL
CORNERS OF T. 31 N., R. 59 E.

Retracement of a portion of the Sixth Std. Par. N. along the South Boundary of T. 31 N., R. 59 E.

From the original Std. $\frac{1}{4}$ sec. cor. of sec. 32, which is a decayed juniper stake, 2 ins. square, 18 ins. in length and with scribe marks on one face, alongside