

## Dependent Resurvey of the North Boundary of T. 3 S., R. 70 E.

## Chains

The following field notes are those of the dependent resurvey of the North boundary of T. 3 S., R. 70 E.

The North Boundary of this township was surveyed by H. B. Maxson, Deputy Surveyor, in 1901 under contract 227.

This resurvey was authorized by the Director of the Bureau of Land Management by letter 42623 "E", dated July 15, 1948, at the request of the Grazing Division to facilitate administration of a grazing area containing stock watering springs in Nevada Grazing District No. 5.

Preliminary to the resurvey the lines of the original survey are retraced and diligent search made for all corners and other calls of the record. Identified corners are remonumented in their original positions, and the true lines are blazed through timber. The retracement data are thoroughly verified and only the true line field notes are given herein.

This survey was executed with a W. and L.E. Gurley solar transit No. 38123, and Buff and Buff solar transits Nos. 17992 and 24849, all constructed in accordance with the standard specifications of the General Land Office. On all three instruments all verniers read to single minutes. The instruments were in good condition at the time of the survey and all adjustments were in good order.

The directions of all lines were determined by the solar transit method, as the lines traverse land that is heavily timbered. The controlling meridian is established by observations of the sun for azimuth at the cor. of Tps. 2 and 3 S., Rs. 70 and 71 E., and is described in the field note record of T. 3 S., R. 71 E., executed under this same group; with the additional satisfactory tests of the solar attachments by comparing the indications with the established meridian.

The measurements were made with Lallie steel tapes 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a standard tape and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in this field note record.

The data furnished with the special instructions give the geographic position for the SE. cor. of T. 2 S., R. 70 E., as latitude  $37^{\circ} 43' 22''$  N., and longitude  $114^{\circ} 05' 54''$  W., as computed by reference to the value of the U.S. Coast and Geodetic Survey triangulation station "Uvada".

Partial Reestablishment of the Survey Executed by  
H. B. Maxson, Deputy Surveyor, in 1901.

Note: The line between Tps. 2 and 3 S., R. 70 E., was originally surveyed as a common boundary throughout its entire length. However, the present retracements reveal that due to excessive discrepancies in the original measurements the original corners along this line can serve as common corners for the two east miles only. Westward from the cor. of secs. 2, 3, 34 and 35, the original corners can no longer serve for sections of T. 2 S., R. 70 E., and are accordingly remonumented as corners of T. 3 S., R. 70 E., only. The positions for cors. of T. 2 S., R. 70 E. for the W. 4 miles of this line are indicated in the following field notes although the corner monuments have not yet been established.

From the cor. of Tps. 2 and 3 S., Rs. 70 and 71 E., remonumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the field notes of T. 2 S., R. 71 E., executed under this same group.