

Township 39 North, Range 33 East

Chains

The boundaries and subdivision of T. 39 N., R. 33 E. were surveyed by Deputy Surveyor G. W. Garside in 1874.

The following field notes are those of the dependent resurvey of the Tp. boundaries and subdivision of T. 39 N., R. 33 E.

The survey was requested by the State Supervisor for Nevada to provide identification of the boundaries of the public lands to facilitate administration under appropriate public land laws including the Desert Land Act.

Before restoring the corners the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the original field note record. The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations. In order to simplify the record the true line notes only are supplied herewith, which refer to the completed resurvey.

The survey was executed with a W. and L. E. Gurley solar transit, serial No. 580515, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition at the beginning of the resurvey and was maintained in precise adjustment throughout the survey.

The measurements were made with a narrow steel tape, 8 chains in length, graduated to tenths for the first link, to links for the next 99 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a one-chain standard steel tape and found correct. The measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment. Horizontal equivalents alone are entered in the field notes.

The direction of the lines of this survey were determined by altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude $41^{\circ} 12' 08.1''$ N. and longitude $118^{\circ} 12' 57.6''$ W., as adjusted along section lines from U. S. C. and G. S. triangulation station "Alexander" located in section 18.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $18^{\circ} 15'$ East.

Dependent Resurvey of the East Boundary of T. 39 N., R. 33 E.

Reestablishment of the survey executed by G. W. Garside, Deputy Surveyor, in 1874. (Reestablished corners marked to function for T. 39 N., R. 33 E. only.)

The SE. cor. of the Tp., monumented by a cedar stake, 4 ft. long, 3 ins. diam., lying in small mound of earth.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.