

TOWNSHIP 43 North, RANGE 27 EAST

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CHAINS

South boundary surveyed by Garside in 1873 and dependent-ly resurveyed concurrently under Group 400.
East boundary, south 2 miles, surveyed by Garside in 1873, S. ½ mile resurveyed by Voight in 1922 and 1½ miles resurveyed concurrently under Group 400.
North boundary surveyed by Garside and Preble in 1873.
West boundary surveyed by Garside and Preble in 1873 and resurveyed by Purington in 1917.
Subdivisional lines surveyed by Hatch, Skinner and Preble in 1874. (Partial.)

The following field notes are those of the dependent resurvey of the north boundary and a portion of the subdivisional lines of T. 43 N., R. 27 E.

The resurvey was requested by the District Manager through the State Director to identify boundaries of public domain intermingled with private lands to facilitate administration under the appropriate land laws.

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 and was maintained in precise adjustment throughout the survey.

Before restoring the corners, the lines of the original surveys 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 measurements and record distances 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 measurements were made with a narrow steel tape, 5 chains in length, graduated to tenths of links 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 and the vertical angles were ascertained by clinometer and properly reduced to horizontal equivalents which are entered in the field note record.

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° 35' 57" N. and longitude 118° 49' 32" W., as adjusted along section lines from U. S. Coast and Geodetic Survey Stations, "Rattlesnake" in T. 43 N., R. 32 E., and, "Hot", in T. 44 N., R. 31 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 18° 30' East.

Dependent Resurvey of the North Boundary,
T. 43 N., R. 27 E., Mount Diablo Meridian, Nevada

Re-establishment of the survey executed by Garside and Preble, Deputy Surveyors, in 1873.