

TOWNSHIP 43 NORTH, RANGE 29 EAST

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CHAINS

South boundary partially surveyed by Skinner, Garside and Preble in 1873 and retraced by Voigt in 1921. West boundary partially surveyed by Skinner, Garside and Preble in 1873. Subdivisions partially surveyed by Skinner, Garside and Preble in 1873 and a partial retracement by Voigt in 1921.

The following field notes are those of the dependent resurvey of a portion of the south and west boundaries and a portion of the subdivisional lines in T. 43 N., R. 29 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. 491045, 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 section 31 is at latitude $41^{\circ}36'10''$ N. and longitude $118^{\circ}41'10''$ 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 averages of these readings was found to be $18^{\circ}30'$ East.

Dependent Resurvey, South Boundary of T. 43 N., R. 29 E.
Mount Diablo Meridian, Nevada

Re-establishment of the survey executed by Skinner, Garside and Preble, Deputy Surveyors, in 1873 and retraced by Emil Voigt, in 1921
