

Township 15 South, Range 48 East

Chains

The north boundary of T. 16 S., R. 48 E. (south boundary of T. 15 S., R. 48 E.) was surveyed by Emil Voigt and Walter H. Good in 1921. The east boundary was surveyed concurrently under this same group and the record appears in the field notes of T. 15 S., R. 49 E. The following field notes are those of the survey of the west boundary and independent resurvey of the north boundary of T. 15 S., R. 48 E.

The survey was initiated on the official request of the State Supervisor for Nevada, Bureau of Land Management, to provide identification of the boundaries of the public lands to facilitate administration under appropriate public land laws.

Two independent sets of measurements were made on the exterior boundaries, and in order to simplify the record the true line notes only are supplied herewith which refer to the completed survey.

The survey was executed with a W. and L. E. Gurley solar transit, serial No. 49657, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition and was placed in satisfactory adjustment prior to the beginning of the survey. The directions of the lines were determined by sustained angulation carried forward from numerous altitude observations on the sun taken at the beginning and throughout the course of the survey.

The measurements were made with a standard steel tape, 5 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a standard steel 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 geographic position of the SE. cor. of the township, as scaled from the Nevada State map furnished with the special instructions, is determined to be latitude $36^{\circ} 35' 36''$ N., and longitude $116^{\circ} 30' 42''$ W. The mean magnetic declination was determined to be 16° East.

Note: A retracement was made of the north boundary of T. 16 S., R. 48 E. (south boundary of T. 15 S., R. 48 E.) and it was found that the bearings and distances as shown in the record of the 1921 survey were correct. No alterations were made in this boundary except that the year '57 was stamped on each iron post directly above the old date 1921.

Note: For the record of the east boundary of this township, see the field notes of the 1957 survey of the west boundary of T. 15 S., R. 49 E., executed concurrently under this same group.

Survey of the West Boundary of T. 15 S., R. 48 E.

From the cor. of Ts. 15 and 16 S., Rs. 47 and 48 E., which is mkd. by an iron post, 3 ins. diam., 8 ins. above ground, firmly set, mkd. and witnessed as described in the 1921 survey record.

North, on true line, bet. secs. 31 and 36.