

Township 13 South, Range 47 East

Chains

The north boundary of Township 14 South, Range 47 East was surveyed by M. D. Heist, Deputy Surveyor, in 1906. The south and east boundaries were independently resurveyed by H. Good, U. S. Transitman, in 1921, from the southeast corner of the township as established by the 1906 survey.

The following field notes are those of a dependent resurvey of the south and east boundaries of Township 13 South, Range 47 East, altering the corners along each boundary to now refer to Township 13 South, Range 47 East only.

The resurvey 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.

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 southeast corner of the township, as scaled from the Nevada State map furnished with the special instructions, is determined to be latitude $36^{\circ} 45' 14''$ N., and longitude $116^{\circ} 40' 06''$ W. The mean magnetic declination was determined to be 16° East.

Dependent Resurvey of the South Boundary, of T. 13 S., R. 47 E.

Reestablishment of the survey executed by H. Good, U. S. Transitman, in 1921.

Note: For the topography along this boundary, see the record of the 1921 independent resurvey of the south boundary of T. 13 S., R. 47 E.

From the cor. of Ts. 13 and 14 S., Rs. 47 and 48 E., which is mkd. by an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the official record. This cor. now functions for the SE. cor. of Sec. 36, T. 13 S., R. 47 E. only. I alter the markings on the brass cap to read

T13S R47E	T14S
S36	R47E
	S10
	57
	1921

I repair and enlarge the auxiliary mound of stone.

Thence