

Township 3 South, Range 61 East

Chains

The survey of the East boundary of Tp. 3 S., R. 60 E., was executed by Mr. Donald A. Cannon under the supervision of Mr. Robert C. Yundt, Cadastral Surveyor, in 1958, under the special instructions dated April 7, 1958 for Group No. 353, Nevada, and shown on the township plat approved March 10, 1959. The corners on this boundary were established as corners of minimum control and the corners which refer to the West boundary of sections 18 and 19, Tp. 3 S., R. 61 E., were altered to corners of maximum control, prior to the survey of the portion of the subdivisional lines hereinafter recorded.

The following field notes are those of the survey of the exterior boundaries of sections 18 and 19 only, Tp. 3 S., R. 61 E., as provided in Alternate A of the Special Instructions for Group 392, Nevada, dated January 26, 1961, and set forth in the assignment instructions dated April 12, 1961.

The survey was requested by the State Supervisor for Nevada to provide identification of the boundaries of 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, 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. The measurements were made with a narrow steel tape, 8 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 angle of each interval is ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record. Lines connecting previously established corners are run by the random and true method but the random lines are omitted from 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 South-west corner of the Township is Latitude $37^{\circ} 38' 08''$ N., and Longitude $115^{\circ} 11' 23''$ W., as determined from a tie to the U. S. Coast and Geodetic triangulation station "White River" and shown on the plat of T. 3 S., R. 60 E., accepted March 10, 1959.

The magnetic declination was read at a number of stations and the average of these readings gave a uniform value of $16^{\circ} 30'$ E.

Establishment of corners on the West boundary of Sections 18 and 19,
West boundary, T. 3 S., R. 61 E.

The $\frac{1}{4}$ sec. cor. of sec. 24, T. 3 S., R. 60 E., is monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set in the ground, marked and witnessed as described in the official record.

This corner will now serve as a corner of maximum control. I alter the markings on the brass cap to read:

T 3 S
R60E R61E
 $\frac{1}{4}$
S24|S19
1961