

Dependent Resurvey of a Portion of the Subdivision, T. 22 S., R. 59 E.

Chains

The boundaries and subdivision of Township 22 South, Range 59 East, were surveyed by Deputy Surveyors Brunt and Procter in 1881 and are represented on the plat accepted and approved September 9, 1881. The east boundary of T. 22 S., R. 59 E. was resurveyed as the west boundary of T. 22 S., R. 60 E. by Woodrow H. Sylvester, Cartographer-Cadastral, in 1954-55 and is represented on the plat accepted December 21, 1955.

This resurvey was initiated on the official request of the State Supervisor for Nevada to provide identification of the boundaries of the sections considered suitable, in whole or in part, for small tracts and for administrative purposes.

The resurvey was executed with a W. and L. E. Gurley solar transit, serial No. 262684, constructed in accordance with the standard 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 all lines were determined by deflections from meridians established by observations made upon Polaris and the sun throughout the survey. Measurements were made with a steel tape, 5 chains in length, graduated every link for the first 10 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a standard tape and found correct. Measurements were made on the slope, 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.

All lengths of lines were determined by chaining, where possible; otherwise by triangulation or traverse. The details of such triangulations and traverses have been thoroughly verified and in order to simplify the record, the diagrams and reductions are omitted from these notes.

The geographic position of the corner of sections 19, 24, 25 and 30, on the east boundary of Ts. 22 S., Rs. 59 and 60 E., as scaled from the U. S. G. S. Quadrangle sheet, Blue Diamond, is determined to be Latitude $36^{\circ} 00' 45''$ N., Longitude $115^{\circ} 18' 34''$ W. The mean magnetic declination was found to be $16^{\circ} 00'$ E.

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Reestablishment of the Survey Executed by
Deputy Surveyors Brunt and Procter in 1881.

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, mkd. and witnessed as defined in the official returns of the resurvey of the W. bdy., T. 22 S., R. 60 E.

S. $89^{\circ} 37'$ W., bet. secs. 24 and 25.

Over nearly level land, through scattered undergrowth.

10.60 Graded road, bears SSW. and NNE.

28.50 Wash, 2 chs. wide, 2 ft. deep, drains ENE.

40.87 Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25, monumented with a limestone, $14 \times 10 \times 8$ ins. above ground, firmly set, mkd. and witnessed as described in the official record.