

TOWNSHIP 3 NORTH, RANGE 45 EAST

CHAINS

The following field notes are those of the dependent resurvey of portions of the west boundary and subdivisional lines of T. 3 N., R. 45 E., MDM., Nevada.

The resurvey was requested by the Regional Forester, of the Intermountain Region to mark the boundary of the Toiyabe National Forest.

The exterior boundaries and subdivisional lines of T. 3 N., R. 45 E., were surveyed by Glover and Perrin, Deputy Surveyors, in 1881, under Contract 122. A portion of the east bdy. was resurveyed by A. D. Griffin in 1965, concurrently under this same group.

The original corners were found and identified from set stones, plainly marked. Before restoring the corners, the lines of the original survey were retraced. When duly identified, the corner positions were remonumented and new accessories added.

The rules of proportionate measurements were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations. Where a line was not a part of a closed traverse two independent set of measurements were made and the mean of the measurements is given in the field notes. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed resurvey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated March 26, 1963.

The direction of the lines of this resurvey was determined by altitude observation 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 vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the south-east corner of the township is latitude $38^{\circ} 03' 47.0''$ N., and longitude $116^{\circ} 52' 27.1''$ W., as determined from a tie to the U. S. Coast and Geodetic triangulation station S. 35, located in section 28.

The magnetic declination was read at a number of stations and the average of these readings gave a uniform value of $16\frac{1}{2}^{\circ}$ E.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY
OF T. 3 N., R. 45 E., MDM., NEVADA

Re-establishment of the Survey Executed by Glover
and Perrin, Deputy Surveyors, in 1881

The cor. of secs. 13, 18, 19 and 24, T. 3 N., Rs. 44 and 45 E., monumented with a lava stone, 16x14x10 ins., dimly mkd. and firmly set.