

TOWNSHIP 3 NORTH, RANGE 46 EAST

CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines of T. 3 N., R. 46 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 history of the previous survey is as follows:

<u>Lines Surveyed</u>	<u>By Whom</u>	<u>Date</u>
West boundary	Glover & Perrin	1881
North, south and east Bdrs. and Subdivisional Lines	N. L. Berdan	1883

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 corners 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 sets 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 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 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 southwest corner of the township is at latitude 38° 03' 47.0" N., and longitude 116° 52' 27.1" W., as determined from a tie to the U.S. Coast and Geodetic triangulation station S. 35, located in Sec. 28 of T. 3 N., R. 45 E.

The magnetic declination was read at a number of stations and the average of these readings gave a uniform value of 16° E.

DEPENDENT RESURVEY OF A PORTION OF THE WEST
BOUNDARY OF T. 3 N., R. 46 E., MDM., NEVADA

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