

TOWNSHIP 12 NORTH, RANGE 57 EAST

CHAINS

The following field notes are those of the dependent re-survey of a portion of the east boundary of T. 12 N., R. 56 E. and the survey of the west 5 tiers of the subdivisional lines of T. 12 N., R. 57 E., Mount Diablo Meridian, Nevada.

The history of the previous surveys is as follows.

Lines Surveyed	By Whom	Date
East Boundary, T. 12 N., R. 56 E.	E. B. Monroe	1870
North Boundary	Emil Voigt	1941
South Boundary	H. G. Parker and R. A. Pratt	1965

The resurvey was requested by the Nevada State Director to provide identification of the boundaries of public land laws.

Before restoring the corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the original field note record.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations. 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 February 26, 1965.

The direction of the lines of this survey were determined by altitude observations of 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 southeast corner of the township is at latitude 38° 51' 00.3" N., and longitude 115° 30' 04.6" W. as calculated from station "NYA 032L" of the Nevada Planning Department of the Nevada Highway Department which is identical with the cor. of secs. 7, 12, 13 and 18, T. 11 N., Rs. 57 and 58 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 17° E.

DEPENDENT RESURVEY OF A PORTION OF THE E. BDY., T. 12 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA.

Reestablishment of the survey executed by
E. B. Monroe, Deputy Surveyor,
in 1870.