

TOWNSHIP 37 NORTH, RANGE 40 EAST

CHAINS

The following field notes are those of the dependent resurvey of the north and west boundaries and a portion of the subdivisional lines of T. 37 N., R. 40 E., Mount Diablo Meridian, Nevada.

The history of the previous surveys is as follows:

Lines Surveyed	By Whom	Date
West Boundary	William Epler	1867
South Boundary and a portion of the Subdivisional Lines	A. J. Hatch	1868
East and North Boundaries and the remainder of the Subdivisional Lines	H. B. Maxson	1888
Res. of the East Boundary	Lacel E. Bland	1963
Res. of the South Boundary	James R. Munson	1968

Before restoring the corners, the lines of the original surveys 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 measurements 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 October 19, 1967.

The directions 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 of 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 $41^{\circ} 01' 56.2''$ N., and longitude $117^{\circ} 24' 35.3''$ W., as adjusted along section lines from U.S.C. & G.S. station KELL, located in section 2, T. 36 N., R. 41 E., and described in the official record of the resurvey of T. 37 N., R. 41 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 18° east.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF
T. 37 N., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA.

Reestablishment of the Survey Executed by H. B. Maxson,
U. S. Deputy Surveyor, in 1888.
