

TOWNSHIP 20 NORTH, RANGE 48 EAST

CHAINS

The following field notes are those of a dependent resurvey of the west boundary of T. 20 N., R. 49 E., and the survey of the subdivisional lines of T. 20 N., R. 48 E., Mount Diablo Meridian, Nevada.

The Fourth Standard Parallel North and west bdy. of T. 20 N., R. 49 E., were resurveyed by H. W. Reppert and W. R. Johnston in 1915. The east bdy. of T. 20 N., R. 47 E., was surveyed by H. W. Reppert and W. R. Johnston in 1915. The south boundary was surveyed concurrently with this same group by A. D. Griffin and J. D. Sorensen, Cadastral Surveyors, in 1964, and is included in the field notes of T. 19 N., R. 48 E.

The survey was requested by the State Director to provide identification of the boundaries of public land to facilitate administration under the appropriate land laws.

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 3, 1964.

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 southeast corner of the township is at latitude $39^{\circ} 32' 52.5''$ N., and longitude $116^{\circ} 30' 27.4''$ W., as adjusted along section lines from U.S.C. and G.S. Station "BEAN", located in section 32 of the township.

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

Dependent Resurvey of the West Boundary of T. 20 N.,
R. 49 E., Mount Diablo Meridian, Nevada

Re-establishment of the Survey Executed by
H. W. Reppert and W. R. Johnston, in 1915

Beginning at the cor. of Tps. 19 and 20 N., R. 49 E., described in the field notes of T. 19 N., R. 48 E., executed concurrently with this survey.

NORTH, along the W. bdy. of sec. 31.

Over a gentle NW. slope.

11.19

Point for the cor. of secs. 25 and 36, T. 20 N., R. 48 E., 80.00 chs. in latitude from the SE. cor. of the Tp.