

TOWNSHIP 40 NORTH, RANGE 40 EAST

CHAINS

The direction of the lines of the survey were determined by altitude observations on the sun. The lines 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 measurement 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 closing corner of Tps. 39 and 40 N., R. 40 E., identical with the southeast corner of the township of this survey, is at latitude $41^{\circ} 17' 40.3''$ N. and longitude $117^{\circ} 24' 34.1''$ W. as adjusted along section lines from U.S.G.S. stations, POVERTY located in sec. 2, T. 40 N., R. 40 E. and EDEN located in sec. 24, T. 39 N., R. 40 E.

The average magnetic declination was found to be 18° E.

DEPENDENT RESURVEY OF THE EIGHTH STANDARD PARALLEL
NORTH, THROUGH R. 40 E., MOUNT DIABLO MER., NEVADA

Reestablishment of the Survey Executed by
William Epler, Deputy Surveyor, in 1867.

Beginning at the standard cor. of T. 41 N., Rs. 40 and 41 E., monumented with an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record of the 1964 resurvey of T. 41 N., R. 41 E., executed under this same group.

N. $89^{\circ} 50'$ W., along the S. bdy. of sec. 36.

Over high rolling land, through medium undergrowth; asc. 60 ft.

7.60 Ridge, bears NE. and SW.; desc. 290 ft. over NW. slope.

25.02 The closing cor. of T. 40 N., Rs. 40 and 41 E., hereinafter described.

Desc. 190 ft. over NW. slope.

32.00 Wash, 10 lks. wide, 1 ft. deep, drains NW.; desc. 40 ft. over NW. slope.

40.14 The standard $\frac{1}{4}$ sec. cor. of sec. 36, monumented with a stone, 18 x 14 x 4 ins., firmly set and plainly mkd. $\frac{1}{4}$ on the N. face.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.