

TOWNSHIP 5 SOUTH, RANGE 66 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the survey of a portion of the subdivisional lines continuing the subdivision of T. 5 S., R. 66 E., Mount Diablo Meridian, Nevada.

A portion of the First Standard Parallel South through R. 66 E., was surveyed by E.B. Monroe, U.S. Deputy Surveyor, in 1869, under Contract No. 31. In 1881, under Contract No. 121, U.S. Deputy Surveyor R.H. Woods completed the First Standard Parallel through R. 66 E. In 1916 and 1917, under Group No. 34, U.S. Surveyor Edward R. Bunbury retraced and resurveyed a portion of the First Standard Parallel South through R. 66 E., and surveyed a portion of the south boundary and a portion of the subdivisional lines of T. 5 S., R. 66 E. In 1919 and 1920, under Group No. 63, U.S. Surveyor L.R. Mercer completed the south boundary of T. 5 S., R. 66 E.

Lines connecting the corner positions were run by random and true method. In order to simplify the record, the true line notes only are supplied herewith which refer to the completed survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 20, 1977.

The directions of the lines of this survey were determined by altitude observations of the sun and carried forward by sustained angulation throughout the progress of the survey.

The geographic position for the southeast corner of sec. 34, T. 5 S., R. 66 E., is at latitude $37^{\circ} 27' 43''$ N. and longitude $114^{\circ} 34' 34''$ W., as calculated along section lines from triangulation station "ETNA" of the Nevada Planning Division of the Nevada Highway Department, identical with the closing cor. of secs. 1 and 2, T. 5 S., R. 66 E.

The mean magnetic declination was found to be $15\frac{1}{2}^{\circ}$ E.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 5 S., R. 66 E., MOUNT DIABLO MERIDIAN, NEVADA

The cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., set on solid rock and in a mound of stone to cap, 4 ft. base, with brass cap mkd. as described in the field notes of the survey of a portion of the S. bdy. of T. 5 S., R. 66 E., surveyed under Group No. 63.

N. $0^{\circ} 09'$ E., bet. secs. 33 and 34.

Over mountainous land, through scattered timber and undergrowth; asc. 100 ft. over S. slope.

10.00 Spur, slopes E.; desc. 30 ft. over NE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.