

TOWNSHIP 5 SOUTH, RANGE 56 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the survey of a portion of the south boundary and a portion of the subdivisional lines and the dependent resurvey of Mineral Survey No. 41B (Office No. 1335) of Township 5 South, Range 56 East, Mount Diablo Meridian, Nevada.

The west boundary (Ruby Valley Guide Meridian) and the First Standard Parallel South, through Range 56 East, were surveyed by U.S. Deputy Surveyor E. B. Monroe in 1869 under Contract No. 31. The SE. township corner was established by Cadastral Surveyor E. W. Sibley in 1965 under Group No. 430. The original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, and the original corner of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp. (Ruby Valley Guide Meridian) were remonumented and marked as angle points concurrently under this same Group and the field notes thereof are included in the field notes of T. 5 S., R. 55 $\frac{1}{2}$ E. Mineral Survey No. 41B (Office No. 1335) was surveyed by U.S. Deputy Surveyor T. J. Read in 1878.

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 record angle and distance were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with identified corner locations. 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 October 13, 1988.

The directions of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation "TUNGSTEN," located in unsurveyed T. 5 S., R. 57 E. The directions of the lines were carried forward throughout the township by sustained angulation.

The vertical angles of measurements made on the slope were ascertained with a theodolite in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position of the southeast corner of the township is at latitude 37° 27' 45.8" N. and longitude 115° 37' 39.7" W. (NAD 27), as calculated along section lines from a tie to U.S.C. & G.S. triangulation station "TUNGSTEN."

The mean magnetic declination was found to be 14 $\frac{1}{2}$ ° E.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 5 S., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA

From the cor. of Tps. 5 and 6 S., Rs. 56 and 57 E., monumented with an iron post, 2 $\frac{1}{2}$ ins. diam., firmly set in a mound of stone, with brass cap mkd. as described in the field notes of the survey of T. 6 S., R. 57 E., executed under Group No. 430.