

TOWNSHIP 28 NORTH, RANGE 51 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary of Township 29 North, Range 51 East, and a portion of the east boundary and a portion of the subdivisional lines of Township 28 North, Range 51 East, Mount Diablo Meridian, Nevada.

The east boundary was surveyed by U.S. Deputy Surveyor, O. A. Palmer, in 1869, under Contract No. 33. The south boundary was surveyed by U.S. Deputy Surveyors, D. H. Barker and E. L. Bridges in 1879 under Contract No. 86. The south and east boundaries were resurveyed by U.S. Deputy Surveyor, W. M. Kearney in 1909 and surveyed the north boundary and the subdivisional lines under Contract Nos. 263 and 264. The south boundary and the west boundary of T. 28 N., R. 52 E., were dependently resurveyed under T. 27 N., R. 51 E., and T. 28 N., R. 52 E., respectively, of this same Group.

The resurvey by W. M. Kerney of the east boundary did not recover the original corners as set by U.S. Deputy Surveyor, O. A. Palmer in 1869, creating an overlap between Tps. 28 N., Rs. 51 and 52 E.

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 measurement 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 September 19, 1984 and Supplemental Special Instructions dated July 16, 1985.

The directions of the lines of this survey were determined by azimuth taken from U.S.G.S. triangulation station "SLAGOWSKI," located in section 8, T. 28 N., R. 52 E., and supplemented with altitude observations of the sun. The direction of the lines were carried forward throughout the township by sustained angulation.

The vertical angles of measurement 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 for the closing cor. of Tps. 27 and 28 N., Rs. 51 E., is at latitude $40^{\circ} 15' 30.8''$ N., and longitude $116^{\circ} 09' 37.6''$ W., as calculated along section lines from triangulation station "SLAGOWSKI."

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

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 29 N., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA