

DEPENDENT RESURVEY, T. 5 S., R. 60 E.

CHAINS

The following field notes are those of a dependent resurvey of a portion of the First Standard Parallel South, through Range 60 East; a portion of the north boundary of T. 6 S., R. 61 E., and the east boundary of T. 5 S., R. 60 E., MDM., Nevada.

The First Standard Parallel South was surveyed by E. B. Monroe, Deputy Surveyor, in 1869. The north boundary of T. 6 S., R. 61 E. and the east boundary of T. 5 S., R. 60 E., were surveyed by E. B. Monroe, Deputy Surveyor, in 1870.

The resurvey was requested by the District Manager to identify boundaries of public land and furnish control to aid their adjudication program.

Before restoring the corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the field record.

The rules of proportionate measurements were applied in order to ascertain the position of lost corners after completing the necessary retracements to connect with the 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, 1947, and the Special Instructions dated October 12, 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 T. 5 S., R. 60 E., is at latitude $37^{\circ} 27' 51.52''$ N. and longitude $115^{\circ} 11' 29.70''$ W. as adjusted along section lines from U.S.C. and G.S. Station Crystal Springs, located in section 10 of T. 5 S., R. 60 E.

The magnetic declination was read at a number of stations and the average of these readings is 16° E.

Dependent Resurvey of the S. Boundary of Section 36 on the First Standard Parallel South, Through Range 60 East.

Re-establishment of the survey executed by
E. B. Monroe, Deputy Surveyor, in 1869.

Beginning at the Standard corner of T. 4 S., Rs. 60 and 61 E., monumented with a limestone, 12x7x7 ins., firmly set in a small mount of stone, plainly marked 6 notches on the E. and W. edges and SC on S. face.

At the corner point