

TOWNSHIP 4 SOUTH, RANGE 54 EAST, MDM., NEVADA

CHAINS

The following field notes are those of a dependent re-survey of a portion of the east bdy. and a portion of the subdivisional lines of T. 4 S., R. 54 E., Mount Diablo Meridian, Nevada.

Boundaries and subdivisional lines were surveyed by Reilly and Magee, Deputy Surveyors, in 1881 under contract No. 117. A portion of the north boundary was resurveyed by E. W. Sibly in 1964, concurrently under this same group. The original plat was approved July 30, 1881.

The resurvey was requested by the Division of Lands and Minerals to identify and mark boundaries of lands classified as suitable for agricultural entries.

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 original field note 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 resurvey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947; the Special Instructions dated March 27, 1963.

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 sec. 12 is at latitude $37^{\circ} 36' 23.4''$ N., and longitude $115^{\circ} 50' 33.1''$ W. as adjusted along section lines from the SE. corner of T. 3 S., R. 55 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16\frac{1}{2}^{\circ}$ east.

Dependent Resurvey of a portion of the E. Bdy., T. 4 S., R. 54 E., Mount Diablo Meridian, Nevada

Re-establishment of the survey executed by
Reilly and Magee, Deputy Surveyors,
in 1881.
