

TOWNSHIP 4 SOUTH, RANGE 55 EAST, MDM., NEVADA

CHAINS

The following field notes are those of a dependent resurvey of a portion of the east bdy. and a portion of the subdivisional lines of T. 4 S., R. 55 E., Mount Diablo Meridian, Nevada.

The history of the previous surveys is as follows:

<u>Lines Surveyed</u>	<u>By Whom</u>	<u>Date</u>
East bdy. (Ruby Valley Guide Meridian)	E. B. Monroe	1869
Ret. of E. bdy.	Reilly and Magee	1881
N., S. and W. Bdrs.	Reilly and Magee	1881
Subdivisional Lines	Reilly and Magee	1881

Res. of N. bdy. and portion of W. bdy.	E. W. Sibley	1964
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The official 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 was 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° 36' 22.0" N., and longitude 115° 43' 57.7" W. as adjusted along section lines from the NE. cor. of sec. 1.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16½° east.

Dependent Resurvey of a portion of the E. Bdy., T. 4 S., R. 55 E., Mount Diablo Meridian, Nevada.

Re-establishment of the survey executed by
E. B. Monroe, Deputy Surveyor, in 1869
and retraced by Reilly and Magee
Deputy Surveyors, in 1881