

TOWNSHIP 21 NORTH, RANGE 49 EAST

CHAINS

The following field notes are those of the dependent resurvey of the South boundary of T. 22 N., R. 49 E., the West boundary of T. 21 N., R. 50 E., and the survey of the subdivisional lines of T. 21 N., R. 49 E., MDM., Nevada.

Lines Surveyed	By Whom	Date
North and East Boundaries	W. T. Moran	1893
Res. Fourth Standard Parallel North and West Boundary	H. W. Reppert & W. R. Johnston	1915

The resurvey and survey was requested by the State Director to provide identification of the boundaries of public land to facilitate administration under appropriate land laws.

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 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 February 3, 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 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 the township is at latitude $39^{\circ} 38' 06.5''$ N., and longitude $116^{\circ} 24' 04.5''$ W., as adjusted along section lines from U. S. C. & G. S. station, T21N, R49E, Secs. 34 & 35, identical to the standard cor. of secs. 34 and 35, T. 21 N., R. 49 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 17 East.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY,
T. 22 N., R. 49 E.; MDM.; NEVADA

Re-establishment of the survey executed by
W. T. Moran, Deputy Surveyor, in 1893.