

## TOWNSHIP 40 NORTH, RANGE 41 EAST.

## CHAINS

The following field notes are those of the dependent re-survey of the north boundary of T. 39 N., R. 41 E. and the survey of the subdivisional lines of T. 40 N., R. 41 E.

The history of the previous surveys is as follows:

Lines Surveyed	By Whom	Date
North Bdy. T. 39 N., R. 41 E.	H. B. Maxson	1888
Eighth Stan. Par. N.	Skinner, Garside & Preble	1873
Res. of Eighth Stan. Par. N.	L. E. Bland	1964
East Boundary	L. E. Bland	1964
West Boundary	L. E. Bland	1965

The survey was requested by the State Director to provide identification of the boundaries of public land to facilitate administration under the 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, the Special Instructions, dated February 27, 1964 and Supplemental Special Instructions, dated May 27, 1965.

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 the township is at latitude  $41^{\circ} 17' 39.8''$  N., and longitude  $117^{\circ} 17' 37.5''$  W., as adjusted along section lines from U.S.G.S. station, POVERTY, located in sec. 2, T. 40 N., R. 40 E. and SHADSCALE, located in sec. 4, T. 40 N., R. 42 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $18^{\circ}$  east.

DEPENDENT RESURVEY OF THE N. BDY., T. 39 N., R. 41 E.  
MOUNT DIABLO MERIDIAN, NEVADA