

T. 12 N., R. 38 E., Mount Diablo Meridian, Nevada

CHAINS

The following field notes are those of the dependent resurvey of portions of the south and west boundaries, and the subdivisional lines, and the subdivision of section 31, T. 12 N., R. 38 E., Mount Diablo Meridian, Nevada.

In 1881, J. R. Glover and G. H. Perrin, U.S. Deputy Surveyors, surveyed the boundaries and subdivisional lines, shown on the official plat of survey approved April 6, 1881.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, the Special Instructions for Group No. 528, Nevada, dated June 18, 1975 and the Supplemental Special Instructions dated October 9, 1975.

Preliminary to the resurvey the lines of the original surveys were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines refer to the true meridian and were determined by solar observations on the sun, being carried forward by sustained angulation. Measurements were obtained using a K & E Micro Ranger electronic distance measuring instrument.

The geographic position of the $\frac{1}{4}$ section corner of sections 5 and 32, Tps. 11 and 12 N., R. 38 E., as scaled from the U.S. Geological Survey quadrangle map, "IONE, NEVADA", 15 minute series, prepared in 1948, is as follows:

Latitude: $38^{\circ} 51.3' N.$ Longitude: $117^{\circ} 43.7' W.$

The mean magnetic declination is $17^{\circ} E.$

Dependent Resurvey of a Portion of the South Boundary,
T. 12 N., R. 38 E., Mount Diablo Meridian, Nevada

(Restoring the 1881 survey
by J. R. Glover and G. H. Perrin)

Beginning at the $\frac{1}{4}$ sec. cor. of secs. 5 and 32, on the Tp. line, monumented with a granite stone, 24 x 10 x 8 ins., firmly set in a mound of stone, 3 ft. base, 1 ft. high, mkd. $\frac{1}{4}$ on N. face.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T 12 N R 38 E

$\frac{1}{4}$ $\frac{S 32}{S 5}$

T 11 N

1976

Bury the mkd. stone alongside the iron post.