

TOWNSHIP 5 SOUTH, RANGE 37 EAST, NDM., CALIF.

The resurveys herein described were executed with a Buff and Buff light mountain solar transit No. 23829. Pertinent preliminary information is given in the field notes of the portion of the California-Nevada State Boundary resurveyed under this assignment.

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

The directions of lines were determined by the solar transit method and checked by deflection from each other.

The geographic position of the northwest corner of Township 5 South, Range 37 East, M. D. M., California is as follows:

Latitude 37° 33.0' N. Longitude 117° 58.1' W.

The mean observed magnetic declination is 16° E.

DEPENDENT RESURVEY OF PORTION OF THE WEST BOUNDARY T. 5 S., R. 37 E.

Chains

Reestablishment of the surveys executed by N. L. Berdan, Deputy Surveyor, in 1879.

The cor. of secs. 7, 12, 13, and 18, Tps. 5 S., Rs. 36 and 37 E., Calif., monumented with a cottonwood post, 2 ins. square, 2 ft. above ground, loosely set in a mound of earth and gravel, with legible mark X visible on one side.

At the corner point

Set an iron post, 30 ins. long, 2 ins. diam., 24 ins. in the ground, with brass cap marked

T5S	
R36E	R37E
S 12	S 7
S 13	S 18
1953	

Bury the cottonwood post alongside and raise a mound of stone, 4 ft. base, around post to top.

N. 1° 02' W., bet. secs. 7 and 12.

Desc. 110 ft. over gradual, washed NE. slope, through low brush.

33.00 Wash, 20 lks. wide, 3 ft. deep, course N. 80° E.

35.70 Wash, 20 lks. wide, 3 ft. deep, course N. 80° E.

39.96 The 1/2 sec. cor. of secs. 7 and 12, evidenced by a cottonwood post, 2 1/2 ins. square, 2 1/2 ft. long, marked 1/2 on one side and lying on a distinct mound of earth and gravel.

Reset the cottonwood post, 12 ins. in the ground at the corner point in center of mound, and raise a small mound of stone around post.

N. 1° 30' W., beginning new measurement.

Descend 60 ft. over gentle NE. slope.

40.20 Rut road, bears E. and W.