

TOWNSHIP 4 SOUTH, RANGE 36 EAST, M. D. M., CALIFORNIA.

The dependent resurveys herein described were executed with 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 search was made for all original corners. Identified corners to the south and west of the present California-Nevada State Boundary are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the original record. Identified corners between the present California-Nevada State Boundary and the Von Schmidt State Line are destroyed, after they have served their purpose, except those that are perpetuated as Tract corners. 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 or from the California-Nevada State Boundary line.

The geographic position of the cor. of secs. 7 and 18, on W. bdy. of T. 4 S., R. 36 E., M. D. M., Calif., is as follows:

Latitude 37° 36.5' N. Longitude 118° 03.3' W.

The mean observed magnetic declination is 16° E.

DEPENDENT RESURVEY OF PORTION OF WEST BOUNDARY, T. 4 S., R. 36 E.

Chains

Reestablishment of the surveys executed by G. W. Baker, Deputy Surveyor, in 1884.

The cor. of secs. 7, 12, 13, and 18, on W. bdy. of the Tp., monumented with a granite stone, 15x12x6 ins., in center of a mound of earth, plainly marked with 4 grooves on S. and 2 grooves on N. side.

Having exhausted our supply of iron posts:

Reset the marked stone, 6 ins. in the ground and raise a mound of stone, 4 ft. base, around the stone.

N. 1° 33' W., along the W. bdy. of sec. 7.

Descend 85 ft. over gradual NE. slope, through low brush.

2.60 Wash, 50 lks. wide, 7 ft. deep, course N. 50° E.

41.45 Point for the $\frac{1}{2}$ sec. cor. on W. bdy. of sec. 7; at proportionate distance; find no evidence of the original corner.

Set a granite stone, 24x18x6 ins., 12 ins. in the ground, mkd. $\frac{1}{2}$ on E. side, and raise a mound of stone, 3 ft. base, 1 ft. high, around the stone.

Descend 45 ft. over gradual NE. slope.

54.00 Wash, 50 lks. wide, 6 ft. deep, course N. 70° E.

82.90 The original cor. of secs. 1, 6, 7, and 12, on W. bdy. of Tp., monumented with a cottonwood stake, 1 in. square, 1 ft. above a low mound of earth, loosely set, with legible marks VI on NE. side.

At the corner point

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