

TOWNSHIP 17 NORTH, RANGE 69 EAST

CHAINS

The following field notes are those of the survey of the north boundary of Township 17 North, Range 69 East.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated August 27, 1969.

The directions of the lines of the survey were determined by sustained angulation carried forward throughout the survey from U.S.G.S. triangulation station Hill Top and U.S.F.S. triangulation station MM2-007-1 and checks made along the line with several direct solar observations and U.S.F.S. triangulation station SV2-003-1. Refer to the field notes of the survey of section 2, T. 15 N., R. 70 E., surveyed concurrently under this same group for a description of the 1968 U.S.F.S. preliminary control 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. All distances were verified by double chaining or triangulation.

The geographic position of the cor. of Tps. 17 N., Rs. 69 and 70 E., is at latitude $39^{\circ} 22' 26.0''$ N. and longitude $114^{\circ} 09' 08.8''$ W., as adjusted from ties and along the township line from U.S.F.S. triangulation station MM2-007-1 and the corner of Tps. 17 and 18 N., Rs. 68 and 69 E., an electronic traverse station.

The average magnetic declination was found to be $16\frac{1}{2}^{\circ}$ E.

SURVEY OF THE NORTH BOUNDARY OF
T. 17 N., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA.

Beginning at the cor. of Tps. 17 N., Rs. 69 and 70 E., monumented with an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the survey of north boundary and certain subdivisional lines of T. 17 N., R. 70 E., surveyed concurrently under this same group.

West, along the N. bdy. of sec. 1.

Over mountainous land, through medium timber and light undergrowth; asc. 110 ft. over SE. slope.

32.90 Spur, slopes S.; desc. 140 ft. over SW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 1.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T18N R69E

$\frac{1}{4}$ S 1
T17N R69E

1970