

TOWNSHIP 17 NORTH, RANGE 70 EAST

CHAINS

The following field notes are those of the survey of a portion of the north boundary and certain subdivisional lines of Township 17 North, Range 70 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.F.S. triangulation stations MM2-005-1, MM2-006-1, MM2-007-1, MM2-008-1 and U.S.G.S. triangulation station Hill Top. 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 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 southeast cor. of sec. 34, T. 17 N., R. 70 E., is at latitude $39^{\circ} 17' 13.3''$ N. and longitude $114^{\circ} 04' 42.0''$ W., as adjusted along section lines from U.S.F.S. triangulation station MM2-005-1 located in sec. 14, T. 16 N., R. 70 E.

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

SURVEY OF CERTAIN SUBDIVISIONAL LINES OF
T. 17 N., R. 70 E., MOUNT DIABLO MERIDIAN, NEVADA.

Beginning at the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp., 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 certain subdivisional lines of T. 16 N., R. 70 E., surveyed concurrently under this same group.

N. $0^{\circ} 16'$ E., bet. secs. 34 and 35.

Over mountainous land, through scattered timber and undergrowth; desc. 270 ft. over N. slope.

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| 7.40 | Ravine, drains E.; asc. 190 ft. over S. slope. |
| 19.80 | Spur, slopes E.; desc. 340 ft. over N. slope. |
| 26.00 | Wash, 20 lks. wide, 3 ft. deep, drains E.; asc. 60 ft. over broken S. slope. |
| 31.10 | Spur, slopes E.; desc. 120 ft. over N. slope. |
| 38.70 | Trail road, bears E. and W. |