

T. 8 $\frac{1}{2}$  S., R. 68 E.

## Chains

## INSTRUMENTS AND OBSERVATIONS.

For instruments and tests of instruments, see Book "A" of Group 61 Nevada, surveyed in conjunction with this group.

All azimuth determinations were made on line during the progress of the surveys by frequent observations of Polaris and the sun. Bearing was carried to all lines by transit angles deflected from the true meridians. The solar attachments were not used.

RETRACEMENT AND DEPENDENT RESURVEY OF A PORTION OF THE SECOND STANDARD PARALLEL SOUTH THROUGH T. 8 S., R. 68 E. AND A PORTION OF T. 8 S., R. 67 E.

## RANDOM LINES.

Beginning at the standard cor. of Tps. 8 S., Rs. 68 and 69 E., which is an iron post, 3 ins. diam., mkd. and witnessed as described in the official record.

Thence

West, along the S. bdy. of sec. 36.

40.21

Fall 2 lks. S. of the original standard  $\frac{1}{4}$  sec. cor. of sec. 36, hereinafter described.

The bearing of this line is, therefore, N. 89°58' W., and the distance is 40.21 chs.

From the  $\frac{1}{4}$  sec. cor. of sec. 36,

West, with new measurement.

120.30

Fall 88 lks. S. of the original standard cor. of secs. 34 and 35, hereinafter described.

The bearing of this line is, therefore, N. 89°35' W. and the proportionate distance of each half mile is 40.10 chs.

From the cor. of secs. 34 and 35.

West, along the S. bdy. of sec. 34, with new measurement.

39.71

Fall 20 lks. S. of the standard  $\frac{1}{4}$  sec. cor. of sec. 34, hereinafter described.

79.71

Fall 20 lks. S. of the original standard cor. of secs. 33 and 34, hereinafter described.

The true course and distance of the east half mile is, therefore, N. 89°43' W., 39.71 chs. dist.; of the west half mile, West, 40.00 chs. dist.