

SURVEYS, GROUP 61 NEVADA: TEST OF INSTRUMENTS.

Chains

By first obsn. reference point bears N.0°00'55" E.
 By second " " " " N.0°00'35" E.
 By third " " " " N.0°01'45" E.
 By fourth " " " " N.0°01'40" E.

Mean true bearing of point N. 0°01'13.7" E.

The foregoing azimuth determinations are but two of many made during the survey of Groups 61 and 183 Nevada.

INDEPENDENT RESURVEY OF THE RANGE LINE THROUGH T. 12 S.,
 BETWEEN Rs. 68 and 69 E.

Superseding survey executed by W. H. Myrick in 1882.

The initial azimuth for this line is determined by deflection from the secant line established during the survey of the Third Standard Parallel South under Group 178 Nevada. A series of four angles were turned and the mean value accepted, which was subsequently checked by solar observations and found to be correct.

Beginning at the standard corner of T. 12 S., Rs. 68 and 69 E., an iron post 3 ins., diam., firmly set, marked and witnessed as described in the official record, Book "A" Group 178 Nevada.

Thence

North, on true line bet. secs. 31 and 36.

Over rolling country, through medium dense undergrowth; asc. 65 ft. to $\frac{1}{4}$ cor.; SE. slope.

2.90 Wash, course S. 20° E.

19.70 Wash, course S. 30° E.

23.80 Road, parallel to telephone line.

24.44 Telephone line (main trunk system between Salt Lake City, Utah, and Los Angeles, California), bears N. 43°35' E. and S. 43°35' W.; pole #940 bears 18 lks. N. 43°35' E.

39.99 Old road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, over a cross (X) mkd. on solid rock at base, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S36 | S31

1934

Continue over rolling land; asc. 50 ft. to sec. cor. on general SE. slope.

44.60 Wash, course S. 60° E.