

INSTRUMENTS AND TESTS UNDER SURVEYS IN GROUP 147 NEVADA

chains

ly 2 1/4 miles south of the original cor. of secs. 2, 3, 34, and 35, Tps. 18 and 19 S., R. 56 E., hereinafter described, latitude 36°18' N., longitude 115°39' W.

November 29, 1929, I make an hour angle observation of Polaris, east of the meridian, for azimuth, two each with the telescope in direct and reversed position, and reading the horizontal angle from a flag on the east and west line.

L.M.T. of observation.....	4h 09.9m p.m.
Hour angle of Polaris at observation	4h 53.0m
Azimuth of Polaris	1° 16'36"
Mean horizontal angle, flag to Polaris	88° 42'20"
True bearing to flag.....	N.89° 59' E.

COMPLETION OF THE DEPENDENT RESURVEY OF THE SOUTH BDY. OF T. 19 S., R. 56 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY THEODORE BINGE, U. S. DEPUTY SURVEYOR, IN 1881.

Random Lines.

Retracements made in 1929 in conjunction with this group and described in Book "A", return the true line course of the S. bdy. of T. 19 S., R. 56 E., as N. 88°13' W. and the proportionate distance of each half mile of the N. bdy. of T. 20 S., R. 56 E. as 39.40 chs. and the W. half mile of sec. 6 as 38.47 chs.

True Lines.

Commence the completion of the resurvey of the S. bdy. of T. 19 S., R. 56 E. at the cor. of secs. 34 and 35 on the S. bdy. of the township, which is an iron post, 2 ins. diam., firmly set, mkd. and witnessed, as described in Book "A", this group.

Thence

N. 88°13' W., along the S. bdy. of sec. 34.

Over rough mountainous land, through dense timber and undergrowth; desc. W. slope 300 ft.

21.30 Ravine, drains SW.; asc. 365 ft. along an E. slope.

36.92 Proportionate point for 1/4 sec. cor.,

Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to solid rock, and in a large mound of stone to top, for 1/4 sec. cor. of sec. 3 only, with brass cap mkd.

1/4 S3
1929

from which

A limber pine, 24 ins. diam., bears S. 59° E., 45 lks. dist., mkd. 1/4 S3BT.

A limber pine, 40 ins. in diam., bears S. 63° W., 39 lks. dist., mkd. 1/4 S3BT.

This cor. sets on E. edge of a timbered spur projecting S. 20° W.