

DEPENDENT RESURVEY, T. 21 N., R. 19 E.

Chains

a.m., l.m.t., I make an hour angle observation on Polaris, west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal angle from the west church spire in the Reno Air Base about one-half mile distant, in the direction N-E to Polaris:
Watch time set to correct l.m.t. by radio signal... 8h 46.5m am
Mean horizontal angle, church spire to Polaris.....2° 00' 30"
Azimuth of Polaris..... 1° 15' 15" W.
True bearing to church spire..... N. 3° 16' 45" W.

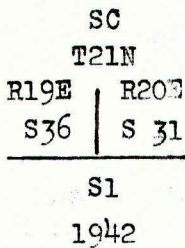
DEPENDENT RESURVEY OF THE FOURTH STAN. PAR. NORTH THROUGH R. 19 E.

Reestablishment of the survey executed by Butler Ives in 1861.

The std. cor. of T. 21 N., Rs. 19 and 20 E., is a granite rock, 8x10 x18 ins., firmly set, mkd. by 6 notches on N., E. and W. edges, surrounded by a large mound of stone.

At point for corner,

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the original corner stone deposited at the base of post, for std. cor. of T. 21 N., Rs. 19 and 20 E., with brass cap mkd.



from which,

Original bearing trees:

- A juniper stump, 8 ins. diam., bears N.58½°E., 435 lks. dist., mkd. faintly BT at base.
- A juniper stump, 12 ins. diam., bears N.9-3/4°W., 266 lks. dist., mkd. BT at base.

New bearing tree:

- A juniper, 5 ins. diam., bears N.81°E., 83 lks. dist., mkd. SC T21N R20E S31 BT.

From this corner,

The closing cor. of T. 20 N., Rs. 19 and 20 E., bears N.89°48'E. 6.47 chs. dist.

- Peavine triangulation station bears S. 65°49' W.
- Mt. Rose " " " S. 18°39' W.
- Mt. Davidson " " " S. 16°49' E.

S. 89°43' W., along the S. bdy. of Sec. 36, (east half mile.)

Over broken hilly to mountainous land through dense undergrowth and scattering juniper timber; asc. 340 ft. over broken E. slope.

28.60 Spur ridge, bears N. and S.; desc. 140 ft. over broken NW. slope.

35.80 Slope changes to a gradual NE.; asc. through dense undergrowth.

38.50 Spur, slopes N.60°W., along broken S. slope.

39.91 Intersect the original std. ¼ sec. cor. of sec. 36, which is recovered in the center of an old embedded mound of stones and which is verified by record connection to the original NW. bearing tree.

At point for cor.,