

DEPENDENT RESURVEY OF T. 20 N., R. 19 E.

Chains

September 22, 1942, at the $\frac{1}{4}$ sec. cor. of secs. 26 and 27, T. 20 N., R. 19 E., M.D. Mer., Nevada, in latitude $39^{\circ} 34' 10''$ N., and longitude $119^{\circ} 49' 30''$ W., at 7hr 10m 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 a flag at the corner of secs. 22, 23, 26 and 27 to Polaris in the direction N-W to Polaris:

Watch time, adjusted to correct l.m.t. from radio
signal..... 7hr 10 m a.m.
Mean horizontal angle, flag to Polaris..... $1^{\circ} 40'$
Azimuth of Polaris..... $1^{\circ} 18' E.$
True bearing to flag..... $N. 0^{\circ} 22' E.$

Additional observations upon Polaris and direct observations on the sun were made during the progress of the survey.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BDY. OF T. 20 N., R. 19 E.

Reestablishment of the survey executed by E. H. Dyer in 1862.

The cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the tp. is a granite stone, 5x8x10 ins., marked and witnessed as described in the official record.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, through solid decomposed granite rock, with the original corner stone deposited at the base, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T20N R19E
S31 | S32
S 6 | S 5
T19N
1941

Thence

N. $88^{\circ} 07' E.$, bet. secs. 5 and 32, (west half mile.)

Over broken hilly land through medium dense undergrowth; desc. 120 ft. over rocky SE. slopes.

27.40 Old road, bears N. and S. on spur sloping S.; desc. 40 ft. over broken SE. slope.

33.90 Rocky ravine, drains SE. from N. $70^{\circ} W.$

37.30 Point of small rocky spur from the NW.

38.81 Intersect the original $\frac{1}{4}$ sec. cor., which is a limestone, 5x9x16 ins., mkd. $\frac{1}{4}$ on S. face, firmly set in a substantial mound of stones.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, with the original corner stone deposited at the base, and in a large supporting mound of stones, 4 ft. diam., for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 32
 $\frac{1}{4}$
S 5
1941

Thence