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Subdivision of T. 28 N. R. 20 E.

Chains

Survey commenced September 11, 1911, by Guy P. Harrington, U.S. Surveyor, and executed with Young & Sons solar transits, Nos. 8388 & 8394, provided with two double verniers placed opposite each other on the horizontal limb, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. (For description of iron posts, see page 38).

At my camp which is in section 19, T. 28 N. R. 20 E., lat. $40^{\circ} 17'$, long. $119^{\circ} 47' W.$, I observe Polaris at Eastern Elongation at 8h 11.8m P.M., by my watch which is l.m.t., and mark the line of sight on the ground. From table IV of the Manual, the corresponding azimuth is $1^{\circ} 31.5'$.

On September 12th, at 7 A.M., l.m.t., I lay off $1^{\circ} 31.5'$ to the West of my line of observation of Polaris and preserve the meridian thus established for checking my transits, while engaged on the survey of Tps. 28 and 29 N., Rgs. 19 and 20 E.

Sept. 12, 1911. At 8 a.m., l.m.t., I set off $40^{\circ} 14\frac{1}{2}'$ on the lat. arc; $4^{\circ} 28\frac{1}{2}' N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp.

Thence I run

N. $0^{\circ} 01' W.$ bet. secs. 35 and 36.

Descending gradual N. slope.

30.00 Bottom of descent, brs. E. and W.

Thence gentle ascent.

40.00 Set an iron post 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36, with brass cap stamped

$\frac{1}{4}$ S 35 in W. half
S 36 in E. half

Build a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

45.00 Top of ascent on ridge, brs. NE. and SW.

Thence gentle descent.

80.00 Set an iron post 26 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap stamped

T 28 N S 25 in NE. quadrant
R 20 E S 36 in SE. quadrant
S 35 in SW. quadrant
S 26 in NW. quadrant
1 notch on S. and E. edges.

Build a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous, grazing.
Soil, stony, 3rd rate.