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DEPENDENT RESURVEY
9TH STAN. PAR. N., S. BDY. T. 46 N., R. 26 E.

Chains

October 12, 1940, I make an hour angle observation of Polaris for latitude, reading two vertical angles, one each with the telescope in direct and reversed positions.

Mean observed vertical angle	42° 28' 22"
Mean watch time of observation p.m.	8h 36.1m
Watch slow l.m.t. determined by radio signals, 120th meridian time	0h 03.9m
Reduced latitude	41° 52' 19" N.

By triangulation, it is determined that the latitude of the standard cor. of secs. 31 and 36, T. 46 N., Rs. 26 and 27 E., on the 9th standard parallel N., is 41° 52' 15" N.

DEPENDENT RESURVEY
OF THE 9TH STAN. PAR. N., ALONG A PORTION OF S. BDY. T. 46 N., R. 26 E.

Reestablishment of the survey executed by Hatch, Skinner and Preble, U. S. Deputy Surveyors, in 1874.

The standard cor. of secs. 34 and 35 which is marked by a limestone, 16x12x8 ins., above ground, set in a mound of stone, and marked with 2 notches on the E. and 6 notches on the N. faces.

At cor. point,

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at base, with brass cap mkd.

S A R
S C
T46N | R26E
S 34 | S 35

1940

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

S. 89° 49' E. along the S. bdy. of sec. 35.

Asc. 40 ft. over rolling mountainous land along a broken S. slope, through scattering undergrowth.

8.20 Low spur, slopes S. 30° W.; continue to asc. slightly over broken land.

9.10 The closing cor. of Ts. 45 N., Rs. 26 and 27 E., which is marked by an iron post, 3 ins. diam., set in mound of stone, marked as described in the field note record of the independent resurvey of the E. bdy. of T. 45 N., R. 26 E.

24.68 Top of ascent, bears N. and S.; desc. 40 ft. over an E. slope.

31.69 Point for the standard ¼ sec. cor. of sec. 35, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.

S A R
S C
¼ S 35

1940

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

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