

CORRECTIVE NOTES OF

THIRD STANDARD PARALLEL SOUTH , through RANGE 55½ EAST.

CHAINS

defines positions for meridians, respectively about 0'26" east and west of the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8h.30m., a.m. is N.16°45'W., the angle thus determined gives the mag. decl. 16°45'E.

From the stan. $\frac{1}{4}$ sec. cor., described in original field notes , I run

East, on S. bdy. of sec. 33.

Ascend abruptly over limestone ledges.

2.65 Limestone spur, projects NW.

Abrupt descent.

11.70 Hollow, 150 ft. deep, course N.

Abrupt ascent.

21.00 Limestone spur, projects N.

Abrupt descent.

27.70 Intersect the standard closing cor. set on original survey.

I destroy all traces of this cor. and of the cors. which were mistaken as being on the Ruby Valley Guide Meridian on the original survey.

33.00 Hollow, 150 ft. deep, course NW.

Abrupt ascent.

Difference between measurement of 40.00 chs. by two sets of chainmen is 20 lks., position of middle point

By 1st. set, 40.10 chs.,

By 2ns. set, 39.90 chs., the mean of which is

40.00 Set a limestone, 15x8x5 ins., 10 ins. in the ground, for standard cor. of secs. 33 and 34, marked SC on N., with 3 grooves on E. and W. faces, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Pits impracticable.

For orig. Field notes see RKA p. 48