Chains
and at
21,35 Find the standard 1/4 sec. cor. 3.63 ft N.
61,35 Find the standard cor. to Secs 31 and 32 2.33 ft. N. at
101,35 Find the standard 1/4 Sec. cor. 1.31 ft N. at
141,35 Find the standard Cor. to Secs 32 & 33 .58 " N.
181,35 Find the standard 1/4 sec. cor. .14 " N. and at
221,35 Find the standard Cor. to Secs 33, 34
32 & 33
and find the 1/4 ~~secs~~ and sec. cors. agree in measurement and alinement with the original survey.

July 17-1895.

I retrace the First Standard Parallel, ~~or N. bdy 4th~~ as follows.
At the standard cor. to Secs. 33 & 34, on the N. bdy of the Tp. heretofore described lay off from the true meridian, an angle of 90°, from North to East and run E. on the tangent S. of sec. 34.
At 40,00 chs intersect the 1/4 Sec. cor. at 80.01 chs I find the cor. to secs 34 and 35, 2 lks N.

S of Sec 35 I continue the tangent S 81° 59' E.
At 40.01 chs, I find the 1/4 sec. cor. 4 links N. At 80.00 I find the cor. to Secs 35 and 36. 2 links north.
I continue the tangent S 89° 58' E. S 89° 58' E and at 40.0 chs I find the 1/4 sec. cor. 6 links N: at 80.02 chs I find the standard cor. to Tps 4 & 5. N. Rs. 4 & 5. E, 10 lks N. a gray sand stone, firmly set in mound of stone marked and witnessed as described by the surveyor general. and the N. bdy of the Tp. is ~~prac~~ practically as stated by him; an

July 18- 1895.

I retrace the First Guide Meridian ~~East~~ or E. bdy of the Tp. as follows;

I begin At the cor. to Tps 3 & 4, N. Rs 4 & 5. E., in Lat. 41° 02' N. Long 111-27' W which is a boulder stone 12×7×5 firmly set in mound of stones, marked and witnessed as described by the surveyor general

July 19-1895, at 11h-31m P.M. l.m.t. or at 11-57 P.M. by my watch which is mountain standard railroad time, I observe Polaris at Eastern elongation, in accordance with instructions in The Manual and mark the line thus determined, by a tack driven in a wooden plug set in the ground 7.70 chs N. of my station. ~~the view was~~ a hill, obstructs the view at 5. chs N.

July 19- 1895.

July 20- 1895, at 8. A.M. I lay off the azimuth of Polaris 1° 40' to the west and mark the true meridian thus determined by a tack driven in a wooden plug set in the ground West of the point established last night; the magnetic bearing of said true meridian is N 16° 43' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16°-37' E.

Thence I run

North on a blank line bet. Secs 31 and 36. At 40. chs I find the 1/4 sec. cor. 10 links E, at 80 chs. I find the cor. to Secs 25-30-31 & 36. 25 1/2 lks E, at 120 chs. I find the 1/4 sec. cor. 47 lks. E. At 160.00 chs. I find the cor. to secs 19-24-25 and 30. 68 lks. E. at 200.00 chs I find

Assuming each mile separate