

Survey 2890

Report

December 29, 1906, at 3 o'clock P.M. at the cor to Townships 17 and 18 N. Ranges 22 and 23 E. M.D. Band M. Set off an assumed latitude of $39^{\circ}34'N$, that being the latitude noted on the plat of T. 18, N.R. 23 E. M.D.M. as the latitude of the south boundary of that township and a declination of $23^{\circ}10'S$.

and observed the sun, found the variation at that point to be $17^{\circ}22'E$.

December 30, at the same point, I set off a declination of $23^{\circ}10'S$ and observed the sun on meridian, resulting latitude $39^{\circ}34'N$, as noted on the sup. plat.

I found the course of the township line from this point to be N. $0^{\circ}04'E$ 2641.44 ft to the west $1/4$ Sec. cor of Sec 31 ^{T. 18, N.R. 23 E.} and S. $3^{\circ}44'E$ 2829 ft to the west $1/4$ Sec. ~~of~~ cor of Sec 6 T. 17, N.R. 23 E. ^{M.D.M.} showing a bend of $3^{\circ}48'$.

I found the cor to Twp 17 and 18 N. Ranges 22 and 23 E marked with a large stone with 6 notches chiseled on the N.-S.-E and W. edges, and set in a mound of stone. The west $1/4$ Sec. cor of Sec 31 T. 18, N.R. 23 E. ^{M.D.M.} is marked by a stone $14 \times 6 \times 4$ inches chiseled $1/4$ on the west face and set in a mound of stone.

The west $1/4$ Sec. cor. of Sec 6 is marked by a stone $24 \times 10 \times 8$ ins, chiseled $1/4$ on the west face and set in a mound of stone. I continued the west line of Sec 6 from the $1/4$ Sec. cor. S. $3^{\circ}44'E$ 2640 ft.; made diligent search in all directions for a distance of 300 or 400 ft. but could not identify the S.W. cor of Sec 6.

At a point S. $0^{\circ}16'W$ 2631.75 ft. from the $1/4$ Sec. cor. I found a mound of stone earth covered with limestone rocks with a limestone rock $24 \times 18 \times 6$ ins. standing on edge but no marks by which it could be identified.