

Chains

October 26, 1914:

For description of instrument see Book "H".

At 7 h 44 m, a.m., l.m.t., I set off $40^{\circ}39'N.$ on the lat. arc; $12^{\circ}15'S.$ on the decl. arc; and determine a meridian with the solar at the Hatch, Skinner and Preble corner of Ts. 32 and 33 N., Rgs. 49 and 50 E., which is 11.60 chs. S. and 2.27 chs. W. of the Maxson corner which was hereafter destroyed.

From the first mentioned corner;

- East on a retracement between secs. 6 and 31.
- 38.96 Fall 3 lks. N. of the old $\frac{1}{4}$ sec. cor., which is a volcanic stone $7x5x4$ ins. plainly marked $\frac{1}{4}$ and in an old mound of stone.
The course of this line is $S.89^{\circ}58'E.$, and the length 38.96 chs.
- 78.92 Fall 16 lks. N. of the old cor. of secs. 5, 6, 31 and 32, which is a volcanic stone $17x7x6$ ins. plainly marked with 5 grooves on the E. and 1 notch on the W., in a mound of stone.
The course of this half mile is $S.89^{\circ}49'E.$, and the length 39.96 chs.

- East on a retracement line between secs. 5 and 32.
- 40.04 Fall $10\frac{1}{2}$ lks. N. of the old $\frac{1}{4}$ sec. cor., which is a volcanic stone $18x12x12$ ins. marked plainly $\frac{1}{4}$, in an old mound of stone.
The course of this half mile is $S.89^{\circ}51'E.$, and the length 40.04 chs.

- 79.78 Fall 21 lks. N. of the old cor. of secs. 4, 5, 32 and 33, which is a volcanic stone $12x8x8$ ins., marked with 4 notches on the E. and 2 on the W. edges, in an old mound of stone.
The course of this half mile is $S.89^{\circ}51'E.$, and the length 39.74 chs.

October 26, 1914:

At this corner, I set off $12^{\circ}20'S.$ on the decl. arc; and at 11 h 44 m, a.m., l.m.t., observe the sun on the meridian; the resulting lat. is $40^{\circ}39'N.$

- East on a retracement between secs. 4 and 33.
- 39.76 Fall 20 lks. N. of the old $\frac{1}{4}$ sec. cor., which is a volcanic stone $10x9x5$ ins., marked $\frac{1}{4}$ and in an old mound of stone.
The course of this half mile is $S.89^{\circ}43'E.$, and the length 39.76 chs.
- 80.06 Fall 27 lks. N. of the old cor. of secs. 3, 4, 33 and 34, which is a volcanic stone $20x16x12$ ins., plainly marked with 3 grooves on the E. and 3 on the W. faces, and set in an old mound of stone.
The course of this half mile is $S.89^{\circ}54'E.$, and the length 40.30 chs.