

Chains

Altitude = $48^{\circ} 07' 30''$

Horizontal angle (from reference to right to sun) =

 $236^{\circ} 47'$ Observation 2

May 29, 1917.

At 3 h. 17 m. 52 s., P.M., apparent time.

Altitude = $46^{\circ} 42'$

Horizontal angle (from reference to right to sun) =

 $238^{\circ} 14'$

From these observations I calculate the bearing of a reference stake, firmly set, centered with a tack, 5.00 chs. dist. from my station, as (1) N. $22^{\circ} 32' 29''$ E., and (2) N. $22^{\circ} 31' 28''$ E.

The mean of these observations is N. $22^{\circ} 21' 58''$ E., and to the corresponding meridian all courses of this survey are referred.

Mean Magnetic Declination = $17^{\circ} 42'$ E.RETRACEMENT

Beginning at the cor. of Secs. 1, 6, 7, and 12, T. 9

N., Rs. 45 and 46 E., (survey accepted), which is

a basalt stone, 10 x 7 x 5 ins., firmly set, mkd.

and witnessed as described by the Surveyor General,

I run

Thence

North

On a random line bet. Secs. 1 and 6.

40.00

After diligent search, I am unable to find any trace of the $\frac{1}{4}$ cor. bet. Secs. 1 and 6.