

Chains

Altitude = $45^{\circ} 46' 30''$

Horizontal angle (from reference to right to sun) =

$207^{\circ} 06'$

Observation 2

September 17, 1917.

At 10 h. 24 m. 23 s. A. M., apparent time.

Altitude = $46^{\circ} 08' 30''$

Horizontal angle (from reference to right to sun) =

$208^{\circ} 08'$

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. $64^{\circ} 29'$

$23''$ W., and (2) N. $64^{\circ} 29' 56''$ W.

The mean of these observations is N. $64^{\circ} 29' 40''$ W.,

and to the corresponding meridian all courses of

this survey are referred.

Mean Magnetic Declination = $18^{\circ} 20'$ E.

RETRACEMENT

Beginning at the $\frac{1}{4}$ cor. bet. Secs. 31 and 36, T. 27

N., Rs. 57 and 58 E., (survey accepted), which is a cedar stake, 24 x 2 x 2 ins., firmly set, mkd.

$\frac{1}{4}$ S on the W. face, properly witnessed by pits and

a mound of stone, I run

Thence

North

On a random line bet. Secs. 31 and 36.

40.00

After diligent search I am unable to find any trace of the cor. of Secs. 25, 30, 31 and 36.