

Chains

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Observed vertical angle = $42^{\circ} 52'$
Horizontal angle (from reference to right to sun) = $303^{\circ} 56'$

Observation 2

April 25, 1917.

At 3 h. 08 m. 01 s., P.M., apparent time.

Observed vertical angle = $42^{\circ} 08'$
Horizontal angle (from reference to right to sun) = $304^{\circ} 49'$

From these observations I calculate the bearing of a dead tree one mile distant from my station as (1) N. $54^{\circ} 25' 58''$ W., and (2) N. $54^{\circ} 27' 07''$ W.

The mean of these observations is N. $54^{\circ} 26' 32''$ W., 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. 19, 24, 25 and 30, T. 14 N., Rs. 42 and 43 E., (survey accepted), which is a pine post, insecurely set in a mound of stone, mkd. and witnessed as described by the Surveyor General, I run

Thence

North

On a random line bet. Secs. 19 and 24.

40.00 Strike the $\frac{1}{4}$ cor. bet. Secs. 19 and 24, which is a pine post, insecurely set in a mound of stone, mkd. and witnessed as described by the Surveyor General.