

Chains

L. m. t. of Observation, June 17, 1915, 9 h. 17 m., P.M.

Subtract from 12 h.

Time to midnight 2 h. 43 m.

Add 7 h. 45.6 m

Argument 10 h. 28.6 m.

Azimuth of Polaris = N. 0° 34' 30" E.

Bearing of reference stake = N. 88° 58' 30" W.

June 18, 1915; using same station and reference as above, at 1 h. 45 m., A.M., l.m.t., I foresight on the above reference stake, and turn to the right to Polaris and begin to observe its eastern elongation. When the star begins to recede I read a maximum horizontal angle of 90° 31' .

Latitude and longitude previously stated.

Azimuth of Polaris at eastern elongation = N. 1° 32' E.

Bearing of reference stake = N. 88° 59' W.

The mean of these two observations is N. 89° 58' 45" W., and to the corresponding meridian all courses of this survey are referred.

Mean Magnetic Declination = 19° 00' E.

Retracement.

Beginning at the cor. of Secs. 17 and 18, 19 and 20, T. 42 N., R. 53 E., survey accepted, which is a quartzite stone, firmly set, mkd. and witnessed as described by the Sur. Gen.

The $\frac{1}{4}$ cor. bet. Secs. 18 and 19 being visible, I

run

Thence

N. 89° 56' W.,

On a true line bet. Secs. 18 and 19.

17.43 Set temporary stake for Cor. 4 of this survey.

35.90 Set temporary stake for Cor. 1 of this survey.