

Chains

L. C. Polaris June 11, 1914 ----- 8 h. 10.7 m. P.M.

Longitude correction ----- 1.3 m.

L. M. T., L.C. Polaris ----- 8 h. 9.4 m. P.M.

L. M. T. obsn. June 11, 1914 ----- 8 h. 4.0 m. P.M.

Argument ----- 0 h. 5.4 m.

Azimuth of Polaris = N. 0° 02' W.

Bearing of reference stake = S. 32° 41' W.

June 12, 1914; At Cor. 1 of this survey, at 8 h., a.m.,
1.m.t., I observe the altitude of the sun for
azimuth.

Latitude and longitude previously stated.

Observed altitude = 37° 49' 30"

Horizontal angle (from the sun to the right) = 121° 09'.

From this observation I calculate the bearing of the
reference stake set during my observation on
Polaris on June 11, 1914 as S. 32° 42' 10" E.

The mean of these two observations is S. 32° 41' 35" E.,
and to the corresponding meridian all courses
of this survey are referred.

Mean Mag. Decl. = 18° 50' E.

Retracement.

Beginning at the Standard $\frac{1}{4}$ Cor. on the S. bdy. of Sec.
32, T. 46 N., R. 54 E., which is a quartzite
stone, firmly set, mkd. as described by the
Sur. Gen., I run

Thence East

On a random line, along the S. bdy. of Sec. 32.

40.00 After diligent search I am unable to find any trace of
the Standard Cor. of Sec. 32 and 33, T. 46 N.,
R. 54 E. The point for this Cor. falls in the
high water channel of Ross Creek.

Thence East

On a random line along the S. bdy. of Sec. 33.