



2.

HUMBOLDT NATIONAL FOREST

STATE OF NEVADA.

Chains

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From this observation I calculate the bearing of a reference stake, firmly set, centered with a tack, 5.00 chs. dist. from my station, as N. 55° 43' 09" W.

August 30, 1918; At the 1/4 Cor. on the W. boundary of Sec. 31, T. 47 N., R. 62 E., (survey accepted), hereafter described, at 6 h. 52.5 m., P.M., l.m.t., I foresight on the reference stake, previously described in my direct solar observation, and turn 57° 02' to the right to Polaris in position.

Latitude and Longitude previously stated.

U. C. Polaris, August 31, 1918 2 h. 58.1 m., A.M.

Longitude correction 1.3 m.

L.m.t., U.C. Polaris 2 h. 56.8 m., A.M.

L.m.t., Obsn., August 30, 1918 6 h. 52.5 m., P.M.

Subtract from 12 h.

Time to midnight 5 h. 07.5 m.

Add to 2 h. 56.8 m.

Argument 8 h. 04.3 m.

Azimuth of Polaris = N. 1° 17' 30" E.

Bearing of reference stake = N. 55° 44' 30" W.

The mean of these two observations is N. 55° 43' 50" W.,

and to the corresponding meridian all courses of

this survey are referred.

Mean Magnetic Declination = 19° 0' E.

RETRACEMENT

Beginning at the 1/4 Cor. on the west boundary of Section 31, T. 47 N., R. 62 E. (survey accepted), which is a basalt stone, firmly set, mkd. 1/4 on the west face and witnessed by a mound of stone to the west.

The Cor. of Secs. 1, 6, 31 and 36, Tps. 46 and 47 N., Rgs. 61 and 62 E., being in sight, I run