

HUMBOLDT NATIONAL FOREST

2.

STATE OF NEVADA.

Chains

firmly set, and centered with a tack, 5 chs. dist. from my station, and turn to the left to Polaris and begin to observe its eastern progress. When the star begins to recede, I read a maximum horizontal angle of $25^{\circ} 46' 30''$.

Latitude previously stated.

Longitude = $115^{\circ} 58' 30''$ W. (From Nevada State map and Forest Diagram)

Azimuth of Polaris at eastern elongation, October 9, 1915, N. $1^{\circ} 32' E$.

Bearing of reference stake = N. $27^{\circ} 18' 30'' E$.

October 9, 1915, using the same station and reference as above, at 9 h. 15 m., P. M., l. m. t., I turn $26^{\circ} 12'$ to the left to Polaris in position.

Latitude and longitude previously stated.

U. C. Polaris, October 10, 1915, 0 h. 20.3 m., A.M.

Longitude correction 1.3 m.

L. m. t., U. C. Polaris 0 h. 19 m., A.M.

L.m.t. of observation, Oct. 9, 1915 9 h. 15 m., P.M.

Subtract from 12 h. 0 m.

Time to midnight 2 h. 45 m.

Add 19 m.

Argument 3 h. 4 m.

Azimuth of Polaris = N. $1^{\circ} 07' E$.

Bearing of reference stake = N. $27^{\circ} 19' E$.

The mean of these two observations is N. $27^{\circ} 18' 45'' E$, and to the corresponding meridian all courses of this survey are referred.

Mean Mag. Decl. = $19^{\circ} 00' E$.

RELOCATION UPON THE GROUND OF DESERT LAND ENTRY NO. 249.

Joseph M. Clay Entryman

Beginning at Cor. No. 2 of D. L. E. No. 249 (~~entry~~),