260

Form 85.
Sheet No. 2.

HOMESTEAD ENTRY SURVEY NO. 119,

TOIYABE NATIONAL FOREST

STATE OF NEVADA.

2.

Chains	

From this observation I calculate the latitude of

Cor. 1 as 38° 51' 57" N., which agrees with

other data.

June 12, 1916; At Cor. No. 1 of this survey, I ob-

serve the altitude of the sun for azimuth.

Latitude = 38° 51' 57" N.) From Observation.

Longitude = 116° 31' 00" W.) From Forest Diagram.

Observation 1

June 12, 1916.

At 9 h. 28 m., a.m., 120th standard time.

Observed vertical angle = 56° 38' 30".

Horizontal angle (reference to right to sun)= 47° 27' 30".

Observation 2

June 12, 1916.

At 9 h. 33 m., a.m., 120th standard time.

Observed vertical angle = 57° 31' 30".

Horizontal angle (reference to right to sun)= 48° 38' 30".

From these observations I calculate the bearing of a

reference stake, firmly set and centered with a

tack, 5 chs. dist. from my station as (1)N60° 17'

43" E., and (2) N. 60° 18' 49" E.

The mean of these two readings is N. 60° 18' 16" E.,

and to the corresponding meridian all courses of

this survey are referred.

Mean Magnetic Declination = 16° 39' E.

RETRACEMENT

Beginning at the cor. of Secs. 4, 5, 32 and 33, Ts.11

8—2340