

2.

HUMBOLDT NATIONAL FOREST

STATE OF NEVADA

Chains

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Observation 2

At 8 h. 50 m., A. M., l. m. t.

Observed vertical angle =  $44^{\circ} 59' 30''$ .

Horizontal angle (from reference to right to sun) =

$82^{\circ} 08' 30''$ .

From these observations I calculate the bearing of Cor.

No. 6 of H. E. S. No. 71 (Survey accepted) as

(1)  $N. 18^{\circ} 18' 34'' E.$ , and (2)  $N. 18^{\circ} 18' 54'' E.$

The mean of these is  $N. 18^{\circ} 18' 44'' E.$ , and to the

corresponding meridian all courses of this survey

are referred.

Mean Magnetic Declination =  $19^{\circ} 00' E.$

BEGINNING AT COR. NO. 1 of this survey, identical with

Cor. No. 5 of H. E. S. No. 71, which is a blue

lime stone, firmly set, 8 x 4 ins., showing 10 ins.

above ground, mkd. 5-HES-71 on the NE. face and a

cross (x) on the top and witnessed by pits and a

mound of earth. There not being sufficient room

on this stone for the markings for Cor. No. 1 of

this survey, I set alongside to the west an iron

post 3 ft. long, 2 ins. in dia., equipped with a

brass cap, 26 ins. in the ground, over broken

glass, mkd. 1-HES-225 in the NW. quadrant.

U. S. Locating Monument No. 243, which is a quartzite

rock in place, 30 ft. N., and S., 20 ft. E. and W.,

and 15 ft. high, on a prominent knoll witnessed by

a mound of stone 6 ft. base, 4 ft. high, and

additionally by 2 bearing rocks, bears  $S. 26^{\circ} 48'$

$E.$ , 81.93 chs. dist. by traverse (computations of

which are hereto attached) as follows: