

Chains

Observation 2.

At 9 h. 36 m., A. M., apparent time.

Observed vertical angle = $49^{\circ} 47' 30''$

Horizontal angle (from reference to right to sun) =

 $9^{\circ} 17' 30''$

From these observations I calculate the bearing of Cor. No. 4 of this survey as (1) S. $70^{\circ} 03' 21''$ E. and (2) S. $70^{\circ} 04' 18''$ E.

The mean of these two observations is S. $70^{\circ} 03' 50''$ E., and to the corresponding meridian all courses of this survey are referred.

Mean Magnetic Declination = $17^{\circ} 30'$ E.

BEGINNING AT COR. NO. 1 of this survey, identical with Cor. No. 2 of H. E. S. No. 142 (accepted), which is a granite stone, firmly set, showing 10 x 10 x 4 ins., above ground, mkd. 2-HES-142 on the SE. face and a cross (x) on top and properly witnessed by pits and a mound of earth and stone and by one bearing tree. I take the cross on this stone for chaining and angle point for Cor. No. 1 of this survey and along side to the N. I set a granite stone, 24 x 10 x 6 ins., 14 ins. in the ground, mkd. 1-HES-222 on the NE. face, and dig a pit, 24 x 24 x 12 ins., crosswise on line N. $1^{\circ} 33'$ E., 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim. No bearing objects available.

U. S. Locating Monument No. 275 (accepted), which is a granite rock, in place, showing 9 x 4 x 2 ft. above ground, mkd. X-USLM-275 and properly witnessed by