

Chains

Survey commenced May 14, 1908 and executed with a W. and L.F. Gurley engineer's transit No. 12, fitted with full vertical arc and having opposite verniers on the horizontal limb reading to 1' of arc.

The instrument was examined, tested on the true mer. at Reno, found correct and was approved by the surveyor general for Nevada, September 20, 1907.

I examine the adjustments of the transit and correct the level and collimation errors.

My supplementary special instructions call for the survey of agricultural land only in this Tp. I find upon investigation that the only unsurveyed agricultural land lies in secs. 3, 4, and 9.

Therefore I begin at the cor. of secs. 3, 4, 9 and 10, Tp. 42N., R. 39E. consisting of the decayed remains of willow post in a mound of earth, mkd. as described by the surveyor general but with pits obliterated. I destroy this cor. and re-establish it in place as follows;-

Set a granite rock 18x10x7 ins. by 12 ins. in the ground for cor. of secs. 3, 4, 9 and 10, mkd. with 3 notches on the E. and 5 notches on the S. edge; and raise a mound of stone 2½ ft. base, 2 ft. high W. of cor. Pits impracticable.

From this cor. H. A. Gilbert's house bears N. 69° E. 14.80 chs. distant.

At this cor. at 9.45 P.M., l.m.t., I begin to observe the passage of Pol. and Delta Cassiopeia into the same vertical plane. After they pass into the same vertical plane, I wait 6m., place cross wire upon Pol. and mkd. the mer. thus determined by a stake, centered with a tack and driven in the ground about 5 chs. N. of the cor.

May 14, 1908.