

chains

Survey commenced November 13, 1911, and executed with a W. & L. E. Gurley light mountain transit; with solar attachment, the horizontal limb having two double verniers placed opposite to each other and reading to single minutes of arc.

The instrument was examined, tested on the true meridian at Reno, Nevada, and found correct March 28, 1911.

I begin at the standard corner of secs. 35 and 36, on the S. bdy. of the township, re-established by me Sept. 29, 1911,

At 8 h. a. m., local mean time, I set off $49^{\circ} 56' N.$ on the lat. arc. $17^{\circ} 44' S.$ on the decl. arc and determine a true meridian with the solar. The magnetic bearing of said true meridian is $N 18^{\circ} 5' W.$, which gives the magnetic declination $18^{\circ} 5' E.$

Thence I run

$N 0^{\circ} 1' W$ bet. secs. 35 and 36

Over rolling land.

4.20 Small ravine, course W.

13.15 Large ravine, course S.W.

40.00 Set an iron post 3 ft. long, 1 in. diam. 24 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap m'd.

S 35	S 36
$\frac{1}{4}$	
1911	

dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist. and raise a mound of earth $3 \frac{1}{2}$ ft. base, $1 \frac{1}{2}$ ft. high W. of cor.

45.55 Deep ravine, course S.W.