

Exteriors T 38 N R 36 E

On the night of Sept 13th 1888 I take observation on Star Polaris, according to instructions contained in "Manual of Survey" & drive pickets on the line so established.

Survey commenced Sept 14th /88 with a Gurley Solar Transit & Steel chains.

Before beginning this survey I test my instr. on line established last night & find it correct.

I begin at the cor. to Tps. 38 & 39 N R. 35 & 36 E on Humboldt River Guide Meridian & run East on a ^{random} line, the var. of my compass being $18^{\circ} 00' E$. I set temporary half mile, & mile cors. at each 40 + 80 chs. & find the line to be 5 miles 77 chs long & the falling to be 1.80 chs. of cor. to Tps. 38 & 39 N R. 36 & 37 E. The correction for true line will therefore be 3 chs. N & 30 lks N per mile & its course $S 89^{\circ} 47' N$.