

Exterior Sp. 38 N. R 35 E.

On the night of Oct. 11th 1888 I take an observation on Star Polaris in accordance with instructions contained in "Manual of Survey" & establish the line by driving pickets.

Survey commenced Oct. 12th with a Gurley Solar Transit & Steel chain

Before commencing survey I test my compass on line established last night & find it correct.

I begin at the cor to Sp. 37 + 38 N. R. 34 + 35 E. & run N. on range line between sec. 31 & 36

Var. $17^{\circ} 50'$ E.

4000 Deposit marked stone 12 ins in ground for $\frac{1}{2}$ sec. cor dug pits $18 \times 18 \times 12$ ins N & S of cor. $5\frac{1}{2}$ ft dia raised mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In N pit drive stake 2 ft long 2 ins dia, 12 ins in ground marked $\frac{1}{4}$ S on N face.