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June 28<sup>th</sup> 1903

I begin at the corner sec 235  
and 36 on the S. Boundary  
of T. 32 N. R. 47 E. and lay off  
 $40^{\circ} 35'$  on the latitude arc  
and  $23^{\circ} 20' 30''$  on the declination  
arc and at 7<sup>h</sup> 18<sup>m</sup> P. M. T.  
determine a true meridian  
with the solar.

At this point  
the variation of the needle  
was  $17^{\circ} 42' E.$