

2  
 42 N. R. 34 E.

On the evening of Mar 14 1896  
 at the cor. Corn to Sp. 41 S 42  
 N. R. 33 S 34 E. I observe  
 Polaris at its greatest elong-  
 ation which occurred at  
 $7^{\text{h}} 23.5^{\text{m}}$  at a distance of 200  
 feet I set a pin in line <sup>East</sup>  
 on the following morning I  
 observed the bearing which was  
 N. 19.25 W.

The azimuth of Polaris for  
 Lat.  $41^{\circ} 30' N.$  as calculated  
 from the table J page 103 of  
 the Manual is  $1^{\circ} 40'$ , which  
 gives a natural tangent  
 $.029097$ . This multiplied  
 by the measured distance 200 ft  
 gives, 5.82 which I laid off  
 to the East the elongation being  
 West. Having set a pin.