

81B

May 18<sup>th</sup> 1896 in my camp at the ddoke  
from which the corner to Secs. 9, 10, 15 & 16  
bears N 53° W. 40 chs dist. at 8 hrs. 15 m. p. m.  
l. or h. I observe Polaris as follows in lat.  
40° 53' N.

Astron. time of obs. 8 hr. 15<sup>m</sup>.

N. C. Polaris May 15<sup>th</sup> 21.40.6  
Reduced to " 17<sup>th</sup> 21.32.8

Hour angle is 10° 42'  
Azimuth of Polaris. 0° 31'

N. End of needle. N. 18.01 W  
0.31.

The variation is 17.30 E  
I drive a stake on the meridian thus  
established 500 ft N of the transit.