

off  $40^{\circ}26'N$  on Lat Arc  $15^{\circ}42'N$  on  
 Ore Arc, and find that  
 the line thus determined falls  
 1/4 inch to the west of the true  
 meridian, determined by  
 polaris observation.

I conclude inst to be in  
 satisfactory adjustment and  
 run West on a random  
 line Lat Ips. 29 and 30 N Range  
 45 E setting temp 1/4 and see  
 cor at 40.00 and 80.00 Chs, and  
 at 6 miles 1.55 Chs. I hit Range  
 line Lat Ranges 44 and 45 E. 6.6 Chs  
 N of the cor of Ips. 29 and 30 N  
 Ranges 45 and 44 E which is  
 a stake badly decayed with  
 old markings nearly obliterated  
 old stake set in small mound  
 of stone. I reset the cor by  
 setting a granite-stone  $16 \times 12 \times 12$   
 ins in mound of stone 4 ft base  
 and 2 ft high at exact  
 point of old cor. for cor of  
 Ips. 29 and 30 N Ranges 45  
 and 44 E. marked with  
 6 notches on the E. S. Wand