

Sixth Standard Parallel N. Through R. 47E

the Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8th a. m. is N. $17^{\circ} 50' E$.

The angle thus determined reduced by the table page 100, gives the mean mag. decl. N. $17^{\circ} 44' E$.

From the standard cor. before described, I run W. on S. bay of sec. 36.

16.00

Crossed ridge bearing $N. E$. Difference bet. measurements of 40.00 chs by two sets of chainsmen, is .16 lvs.; position of middle point

By 1st set 39.92 chs

By 2nd set 40.08 chs. the

mean of which is:

40.00

Set a white stone, $30 \times 20 \times 5$ ins in mound of stones, $2\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, marked S. C. $\frac{1}{4}$ on N. face.