

E. Bdy. T 3.7 N. R 53 E.

observe polaris at eastern elongation
find the true meridian thus
determined to agree with my
solar meridian of 5 P.M.

At 7 A.M. l.m.t. July 15.
Dsd off $21^{\circ} 34'$ on Decl arc,
 $41^{\circ} 07'$ on Lat arc. and find
that meridian thus determined
coincides with the P.M.
solar and Polaris observations

The levels and Collimation
adjustments were tested and
found correct before any
observations were made.

The magnetic Variation
was $17^{\circ} 40'$ E.

Thence Drum,

S on a blank line bet secs
1 and 6

40.47

Fall 12 lbs W of $\frac{1}{4}$ sec cor.

81.25

Fall 30 lbs W. of cor of secs 1, 12, 6 & 7

Thence Drum

S. on a blank line bet secs
12 and 7

40.53

Fall 35 lbs W of old $\frac{1}{4}$ sec cor.

80.04

Fall 36 lbs W of old cor of secs 12, 13, 17 & 18

Thence Drum.