

Resurvey South Bdy. Township 32 North, Range 53 East.

Chains.

the meridian established by the Polaris observation.

From the foregoing I conclude that the adjustments of the instruments are satisfactory.

The magnetic bearing of the true meridian at 8h. 0 m. a.m. is N. $17^{\circ}30'$ W.; the angle thus determined gives the mag. decl. $17^{\circ}30'$ E.

From the Tp. cor. already described I run West on a blank line along N. bdy. T. 31 N. R. 53 E. to locate old cors.

40.45 I find $\frac{1}{4}$ sec. cor. 46 lks. S. of my line. A limestone $15 \times 12 \times 8$ ins. above ground marked $\frac{1}{4}$ on N. face. No trace of mound.

81.12 I find the cor. of secs. 1, 2, 35, and 36, 46 lks. S. of my line. a porphyry rock $12 \times 8 \times 5$ ins. above ground marked with 1 notch on E. and 5 notches on W. edges. Mound of stone scattered.

122.31 I find the $\frac{1}{4}$ sec. cor. 46 lks. S. of my line a line stone $20 \times 10 \times 6$ ins. poorly set in the ground marked as described in notes of Sur. Gen.

162.58 I find the cor. of secs. 2, 3, 34, and 35, 82 lks. S. of my line a volcanic stone marked as described by notes of Sur. Gen.

203.85 I find $\frac{1}{4}$ sec. cor. 70 lks. S. of my line a stone badly broken marked $\frac{1}{4}$ on N. face. Mound scattered.

244.65 I find the cor. of secs. 3, 4, 33, and 34, 53 lks. S. of my line a limestone $14 \times 12 \times 6$ ins. loosely set in ground properly marked. Remains of mound N.

285.63 I find $\frac{1}{4}$ sec. cor. 64 lks. S. of my line a limestone properly marked.

326.80 I find the cor. of secs. 4, 5, 32, and 33, 85 lks. S. of my line, a limestone $13 \times 8 \times 8$ ins. above ground marked with 2 notches on W. and 4 notches on E. edges. No mound of stone.

357.96 I find $\frac{1}{4}$ sec. cor. 3.85 chs. S. of my line a limestone