

## Retracement of W. Bdy. of T. 44 N., R. 50 E.

3

Chs.

August 11: The magnetic bearing of the true meridian at 9h a.m., l. m. t., is N.18°29'W.; the angle thus determined gives the magnetic declination 18°29'E.

The measurements on this survey were taken with a 5 ch. Lallie steel tape which was frequently compared with a standard one chain tape kept for this purpose only; and the slope angles were determined by the use of a Dietzgen clinometer.

During the survey of this township the adjustments of the transit were frequently examined, and from latitude tests taken whenever practicable and from repeated tests on the Polaris meridian, the instrument was known to be in adjustment.

## Retracement of W. Bdy. of T. 44 N., R. 50 E.

From the old cor. of Tps. 44 and 45 N., Rs. 49 and 50 E., which is a wooden post, slightly decayed, about  $2\frac{1}{2}$  ft. long, 3 ins. square, marked distinctly with 6 notches on each edge and very faintly on the sides with the township, range and secs; and lying in an old mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, with no evidence of accessories,

South on retracement bet. secs. 1 and 6 along the W. bdy. of T. 44 N., R. 50 E.

After searching diligently at regular intervals I am unable to find any cors., until at

203.60 Fall 71 lks. W. of the old  $\frac{1}{4}$  cor. of secs. 13 and 18, hereinafter described.

Therefore the bearing of the line bet. the  $\frac{1}{4}$  cor. of sec. 13 and 18 and the old cor. of Tps. 44 and 45 N., Rs. 49 and 50 E. is N.0°12'W., and by proportionate measurement the length of each half mile is 40.72 chs.