

## Resurvey of S. Bdy. of T. 38N., R. 65E.

9.

Chains. May 5: At 2h.00m. p.m. l.m.t., I set off  $41^{\circ}08'N.$  on the lat. arc;  $16^{\circ}12\frac{3}{4}'N.$  on the decl. arc; and determine a meridian with the solar at the cor. of Ts. 37 & 38 N., Rs. 65 & 66 E.

Thence I run  $N.89^{\circ}53'W.$  on a retracement between secs. 1 and 36.

I make diligent search for  $\frac{1}{4}$  sec. and sec. cors. at 40.00 and 80.00 chs. but fail to find any.

May 5, 1914.

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May 6: At 9h.00m., am., l.m.t., I set off  $41^{\circ}08'N.$  on the lat. arc;  $16^{\circ}26'N.$  on the decl. arc; and determine a meridian with the solar at the temporary  $\frac{1}{4}$  sec. cor. of secs. 2 and 35.

Thence I run  $N.89^{\circ}53'W.$ , on a retracement between secs. 2 and 35.

I make diligent search for  $\frac{1}{4}$  sec. and sec. cors. at 40.00 and 80.00 chs. but fail to find any.

May 6, 1914.

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May 7: At 8h.10m. a.m., l.m.t., I set off  $41^{\circ}08'N.$  on the lat. arc;  $16^{\circ}42\frac{3}{4}'N.$  on the decl. arc; and determine a meridian with the solar at the temporary  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.

Thence I continue  $N.89^{\circ}53'W.$ , on a retracement between secs. 5 and 32.

I make diligent search for  $\frac{1}{4}$  sec. and sec. cors. at 40.00 and 80.00 chs. but fail to find any until I get to the township cor.

At a point 6 miles, 9.71 chs.  $N.89^{\circ}53'W.$  of the cor. of Ts. 37 & 38 N., Rs. 65 & 66 E., the old cor. of Ts. 37 & 38 N., Rs. 64 & 65 E., bears N. 4.15 chs. The old cor. is a cedar stake, 3ft. long x 2 x 2 ins. with 6 notches on each edge, and is lying on the ground.

The length of a line connecting the above two township cors. is 489.73 chs., and the bearing of such a line is  $N.89^{\circ}24'W.$

From the above length, and the distance recorded in the: