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Resurvey of Exteriors of T. 18 N., R. 45 E.

Chains

April 9, 1909.

At 7 h 2 m a.m., l.m.t., I set off $39^{\circ}25'$ on the lat. arc, and $7^{\circ}31'$ N. on the decl. arc, and determine a meridian with the solar at the SW. cor. of sec. 18, on the W. bdy. of T. 18 N., R. 45 E.

I then retrace the W. bdy. of sec. 18 and of secs. 7 and 6. I find that the W. bdy. of sec. 18 bears N. $0^{\circ}42'$ E. and is 80.00 chs. in length. From the NW. cor. of sec. 18, retracing N., I was not able to find any cors. until I reached the NW. cor. of T. 18 N., R. 45 E. I find that the line connecting the NW. cor. of sec. 18, and the Tp. cor. above mentioned, which is also the cor. common to Tps. 18 and 19 N., Rs. 44 and 45 E., bears N. $0^{\circ}8'$ E. and 160.04 chs. in length.

From the Tp. cor. above referred to I retrace the N. bdy. of T. 18 N., R. 45 E. I find the line nearly straight in direction, but having an average bearing of S. $89^{\circ}19\frac{1}{2}'$ E. Inasmuch as the Tp. N. of this line has been largely subdivided, it becomes necessary to perpetuate these cors. in their present position, and it will be necessary to resurvey this line. It had been shown in the survey of Tp. 17 N., R. 44 E., that the SW. cor. of T. 18 N., R. 45 E. lay directly S. of the SW. cor. of sec. 18, and that this cor. is $2\frac{1}{2}$ chs. S. $89^{\circ}33'$ E. of the cor. to T. 17 N., Rs. 44 and 45 E.

April 9, 1909.

April 10, 1909.

At 7 h 5 m a.m., l.m.t., I set off $39^{\circ}22'$ on the lat. arc, and $7^{\circ}53'$ N. on the decl. arc, and determine a meridian with the solar at the cor. to Tps. 18 N., Rs. 44 and 45 E.

Thence I retrace the S. bdy. of T. 18 N., R. 45 E.,

I find the W. $2\frac{1}{2}$ miles of this line to have a bearing