

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

Chains. April 14, 1909.

At 7 h 10 m a.m., l.m.t., I set off $39^{\circ} 20'$ on the lat. arc, $9^{\circ} 21'$ N. on the decl. arc, and determine a meridian with the solar at the cor. to secs. 7, 12, 13 and 18, on the W. bdy., of T. 18 N., R. 45 E.

I retrace the line bet. secs. 7 and 18 and find that it has a bearing S. $89^{\circ} 11'$ E. and is 80 chs. in length.

I retrace the line bet. secs. 17 and 18 and find that it has a bearing of S. $0^{\circ} 42'$ W., and is 79.54 chs. in length. The $\frac{1}{4}$ sec. cor. upon this line I was unable to find.

I retrace the line bet. secs. 18 and 19 and find that it has a bearing S. $89^{\circ} 39'$ E., and is 80 chs. in length. I return to the cor. of secs. 7, 12, 13 and 18, and run

S. $89^{\circ} 11'$ E. bet. secs. 7 and 18.

- 1.30 Myers' fence, bears N. and S.,
- 1.80 Austin and Smoky Valley stage road, bears N. and S.,
- 14.00 Ridge, bears N. and S.,
- 18.05 Wood road, bears NE. and SW.,
- 25.15 Old road, bears NE. and SW.,
- 28.00 Ridge, bears N. and S.,
- 40.00 Find stone at $\frac{1}{4}$ sec. cor. lying in place, which I destroy and at same point I re-establish cor. as follows: Set a granite stone 12x12x10 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor. to secs. 17 and 18, marked $\frac{1}{4}$ on N. face. Dig pits, 18x18x12 ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 50.00 Ascend high ridge,
- 59.00 Summit of ridge, bears N. and S.,
- 68.15 Wood road, bears NW. and SE.,
- 76.45 Road, bears NW. and SE.,
- 80.00 Find traces of old sec. cor. which I destroy, and at same point I re-establish cor. as follows: Set a granite stone 24x15x8 ins. 18 ins. in the ground, for cor. to secs.