

## Fractional Retracement of Subdivision Lines of T. 41 N., R. 28 E. 11.

Chains	<p>September 29: At 7h. 25m. a.m., l.m.t., I set off <math>41^{\circ} 28'N.</math> on the lat. arc and <math>2^{\circ} 6'S.</math> on the decl. arc and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21, hereinafter described.</p> <p>Thence I retrace East, bet. secs. 16 and 21.</p> <p>40.00 After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor.</p> <p>80.05 Fall 1.38 chs. N. of the cor. of secs. 15, 16, 21 and 22 hereinafter described.</p> <p>Therefore the bearing of this line is <math>N.89^{\circ} 1'W.</math>, and the length 80.06 chs.</p>
39.92	<p>From the cor. of secs. 15, 16, 21 and 22 I retrace North bet. secs. 15 and 16.</p> <p>Fall 1 lk. W. of the <math>\frac{1}{4}</math> sec. cor., hereinafter described.</p> <p>Therefore the bearing of this <math>\frac{1}{2}</math> mile is <math>S.0^{\circ} 1'W.</math>, and the length 39.92 chs.</p>
39.95	<p>From this <math>\frac{1}{4}</math> sec. cor., I retrace North</p> <p>Intersect the cor. of secs. 9, 10, 15 and 16, hereinafter described.</p> <p>Therefore the bearing of this <math>\frac{1}{2}</math> mile is South, and the length 39.95 chs.</p>
40.00	<p>From the cor. of secs. 9, 10, 15 and 16 I retrace East, setting temp. cors. at the points called for by the records.</p> <p>40.00 After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor.</p> <p>80.00 After diligent search I find no trace of the cor. of secs. 10, 11, 14 and 15.</p> <p>At this point I set off <math>2^{\circ} 12'S.</math> on the decl. arc and at about 11h. 51m. a.m., l.m.t., observe the sun on the meridian, the resulting latitude is <math>41^{\circ} 29'</math>.</p> <p>120.00 After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor.</p> <p>160.00 After diligent search I find no trace of the cor. of secs. 11, 12, 13 and 14.</p> <p>At this point I change my course to <math>N. 89^{\circ} 43'E.</math></p> <p>200.06 After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor.</p> <p>240.13 From this point the cor. of secs. 7, 12, 13 and 18, hereinbefore described, bears <math>N. 82^{\circ} 11'E.</math>, 12.20 chs. dist. Therefore the bearing from the temp. cors. along this line to the true points for the cors. is <math>N. 82^{\circ} 11'E.</math> the distance in each case being found by the following proportion: the distance required is to 12.20 chs. as the record distance along the line of retracement is to the record distance of the whole retracement. Also the bearing of the line bet. secs. 12 and 13 will be <math>S. 89^{\circ} 21'W.</math>, its length, 84.17 chs. and the bearing of the lines between secs. 11 and 14 and 10 and 15 <math>S. 89^{\circ} 37'W.</math>, and the length of each 84.03 chs.</p> <p style="text-align: right;">September 29, 1915.</p>
40.00	<p>September 30: At 7h 10m a.m ,l.m.t., I set off <math>41^{\circ} 28'</math> on the lat. arc and <math>2^{\circ} 29'S.</math> on the decl. arc and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21. Thence I retrace</p> <p>West, bet. secs. 17 and 20.</p> <p>40.00 After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor.</p> <p>84.38 Fall 6 lks. N. of the cor. of secs. 17, 18, 19 and 20, hereinafter described.</p> <p>Therefore the bearing of this mile is <math>S.89^{\circ} 57'W.</math>, and the length 84.38 chs.</p>
40.00	<p>From the cor. of secs. 17, 18, 19 and 20 I retrace, West, bet. secs. 18 and 19.</p> <p>After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor.</p>