

Resurvey of Base Line through Range 37 East.
 Surveyed by Herman D. Gradon, contract No. 452.
 Dated June 16, 1882.

Chains	<p>The field notes of the survey of the exterior lines of T. 1 N., R. 37 E. indicate the Base Line to be about 20.00 chs. too long and in order to ascertain where the error exists, I start at the cor. to Tps. 1 N., Rs. 37 and 38 E. on the Base Line and run</p> <p>West on a blank line on the S. boundary of sec. 36, at 40.00 chs. I made careful search but could find no trace of $\frac{1}{2}$ sec. cor. I continued my line and at</p> <p>84.60 I found the old sec. cor. I continued my line W. and found the chaining on each mile to be about 4.00 chs. too long per mile. In order to establish corners at proper distances from the E. boundary, from which to start my subdivisions. I make a resurvey of the line as follows.</p> <p>On the night of August 28, 1882, I took an observation on the star Polaris in accordance with instructions contained in the Manual of Surveys and drove pickets on the line thus established.</p> <p>Survey commenced August 29, 1882 with a Burts improved Solar compass. Before commencing this survey I test my compass on the line established last night and find it correct.</p> <p>I commence at the cor. to Tps. 1 N., Rs. 37 and 38 E. on the Base Line, which is a post 4 ins. square, marked T 1 N on N., R 38 E S 1 on E., R 37 E S 36 on W. faces with 6 notches on N. E. and W. faces, from which,</p> <p style="padding-left: 40px;">A spruce, 5 ins. diam., bears N.60°W., 61 lks. dist., marked T 1 N R 37 E S 36 B T.</p> <p style="padding-left: 40px;">A spruce, 5 ins. diam., bears N.20°E., 58 lks. dist., marked T 1 N R 38 E S 31 B T.</p> <p style="padding-left: 40px;">A spruce, 12 ins. diam., bears S.45°W., 20 lks. dist., marked T 1 S R 37 E S 1 B T.</p> <p>Thence I run</p> <p>West on Base Line on S. boundary of sec. 36.</p> <p style="text-align: center;">Var. $19\frac{1}{2}$°E.</p> <p>Through timber.</p>
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