Resurvey south boundary T. 28 N. R. 30 E.

on the decl. arc; and again determine a meridian with the solar attachment. The meridian determined by this observation coincides exactly with that established by my Polaris observation, therefore I conclude that the adjustments of my Transit and Solar attachment are satisfactory.

July 10, 1912: At 8 h. A. M. l.m.t. I set off 40° 14' 4" N. on the lat. arc; 22° 55' 5" N. on the decl. arc, and determine a meridian with the solar, over the temporary point for the cor. of T. 27 and 28 N., R. 30 E., which by the field notes of T. 27 N. R. 30 E. was set on the resurveyed line 31.90 Chains N 0° 3' W. of the S. W. cor. of T 28 N., R. 31 E.

Thence I run west on a random line. At 40.00 Chs. I find no evidence of the old 1/4 cor. to secs. 1 and 36; and at 76.10 chs. the old stone sec. cor. of secs 1, 2, 35 and 36 bears south 1.00 ch. distant, I continue west on random line, find no part of the boundary in alignment, and nearly all the old corners entirely obliterated. At 6 miles, 4.18 chs. intersect north and south line 3.36 chs. south of the cor. of Tps. 27 and 28 N., R.s. 29 and 30 E., which is a basalt rock 7"x7"x10 inches above ground, marked with 6 notches on the N. S. E. and W. edges. The stone being in poor condition, I destroy all traces of the old cor. and reestablish it at the same point as follows:

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the