

2.

Resurvey of E. Bdy. of T.15 N., R. 57 E.

Chs.

360.00 $40\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian, the resulting latitude is $39^{\circ}06'$.
Set a temporary point and quit work for the day.
Sept. 11, 1914.

480.00 Sept. 12, 1914: At 8 h 26 m A.M., l.m.t., I set off $39^{\circ}06'$ N. on the lat. arc; $4^{\circ}21\frac{1}{2}'$ N. on the decl. arc, and determine a meridian at the temporary 360 ch. point.
Thence
Continue east on a blank line setting temporary points at intervals of 40 and 80 chs.
Sept. 12: At 11 h 56 m A.M., l.m.t., I set off $4^{\circ}17\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian, the resulting latitude is $39^{\circ}06'$.
Made diligent search for old corner of Tps. 14 and 15 N., Rs. 57 and 58 E., at and in the vicinity of this point in P.M. but found no traces of same.
Sept. 12, 1914.

Sept. 14, 1914: Spent the entire day in search of the old cor. of Ts. 14 and 15 N., Rs. 57 and 58 E., in the vicinity of the temporary 480 ch. point set on Sept. 12, but was unable to find any traces of same.
Sept. 14, 1914.

Note: Having been unable to locate the old cor. of Ts. 14 and 15 N., Rs. 57 and 58 E. by the above method, I conclude that said corner was never actually set but to satisfy myself further, on Sept. 15 and 16, 1914, I return to the corner of Tps. 14 and 15 N., Rs. 56 and 57 E., heretofore described and run North on a blank line 483.18 chs., where I intersect the Third Standard Parallel North, 18.34 chs. W. of the Std. Cor. of Tps. 16 N., Rs. 56 and 57 E.; on Sept. 16, 17, 18 and 19, I retrace the Third Standard Parallel North, E. through R. 57 E., finding all regular $\frac{1}{4}$ cor. and sec. cors. along this line, but, after diligent search at and in the vicinity of a point 11.67 chs. W. of the Std. Cor. of Tps. 16 N., Rs. 57 and 58 E., I am unable to locate any signs or traces of the old C.C. for Tps. 15 N., Rs. 57 and 58 E.

Therefore I conclude to reestablish this C.C. by proportionate measurement and initiate the survey at this point providing that in resurveying the old E. Bdy. of T. 15 N., R.57 E., south from this reestablished C.C., I am unable to locate any old corners on this said bdy.; and establish the old corner of Ts. 14 and 15 N., Rs. 57 and 58 E., 489.65 chs. S. of the reestablished C.C., which is 11.67 chs. W. of the Std. Cor. of Tps. 16 N., Rs.57 and 58 E., in accordance with the returns in official notes. Data covering further effort to locate the old cor. of Tps.14 and 15 N., Rs. 57 and 58 E., and more extensive search for cors. and lines in Tps. 14 and 15 N., R. 58 E., will be found in the book containing subdivisional notes of T.15 N., R.57 E.

Sept. 21, 1914: At 9 h 53 m A.M., l.m.t., I set off $39^{\circ}12'$ N. on the lat. arc, $0^{\circ}51'$ N. on the decl. arc, and determine a meridian at the Standard corner of Tps. 16 N., Rs. 57 and 58 E., heretofore described.

Thence I run $S.89^{\circ}39'W.$ and by proportionate measurement at 11.67 chs. set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for C.C. of Tps. 15 N., Rs. 57 and 58 E., with brass cap mkd:

