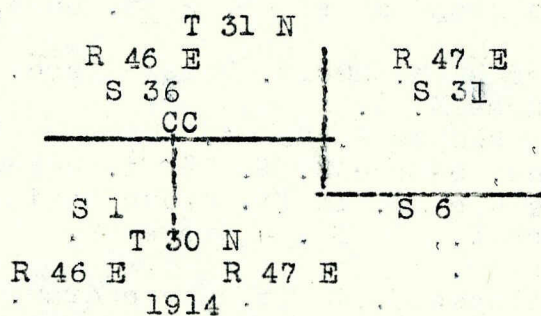


6. Retracement of the 6th Standard Parallel North.

Chains

46 E.

I destroy all traces of this cor. and its accessories and reestablish it at the same point as follows:
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground for closing corner of Tps. 30 N., Rgs. 46 and 47 E., with brass cap mkd.



and raise amount of stone, 4 ft. base, 2 ft. high S. of corner.
Land; rolling land, sloping to the W. Soil; poor quality gravelly and rocky, washed on the slopes. Quite dry, 3rd. rate. Fair growth sagebrush, not much grass, no timber.

Oct. 8, 1914.

RETRACEMENT OF THE SIXTH STANDARD PARALLEL NORTH

Oct. 9, 1914.

At the standard $\frac{1}{4}$ sec. cor. south of sec. 36, T. 31 N., R. 46 E., which corner is a volcanic stone, firmly set in the ground, of the dimensions and marked and witnessed as described by the Surveyor General: At 8 h a.m., l.m.t.

I set off $40^{\circ} 30' N.$ on the lat. arc, $6^{\circ} 5' S.$ on the decl. arc and determine a meridian with the solar.

Thence I run

E., south of sec. 36, retracing the 6th. Standard Parallel North.

Since I have but the one set of chainmen, I measure the distances twice with this one set and take the mean of their measurements, instead of using two sets of chainmen. Difference between two measurements of 40.13 chs., twice, by the same set of chainmen is 6 lks.; position of middle point;

By 1st. measurement 40.15 chs.

By 2nd measurement 40.21 chs., the mean of which

is

40.13

I find the standard tp. cor. for the S.E. cor. of T. 31 N., R. 46 E., falling 26 lks. S. of my line.

It is a volcanic stone, set in a mound of stone, of the dimensions and marked and witnessed as described by the Surveyor General.

Course of this $\frac{1}{2}$ mile is S. $89^{\circ} 38' E.$

From the S. E. Cor. of T. 31 N., R. 46 E.

I run

S. retracing

2.85

The standard closing corner for S.W. cor. of T. 31 N., R. 47 E.

It is a granite stone, firmly set in the ground, of the dimensions, and marked and witnessed as described by the Surveyor General.