- 1 -

Subdivision of T. 22 N. R. 24 E.

Chains	
	Survey commenced June 6, 1911, by Guy P. Harrington, U. S. Surveyor, and executed with Young & Sons light mountain transits, Nos. 8388 & 8394 with Smith's Patent Solar attachment. The horizontal limbs are provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instruments were tested on true meridian in camp in sec. 1, T. 22 N. R. 23 E., and on June 5th, 1911, found correct.

For description of iron posts, see Page 37.

June 6, 1911. At 8 a.m., l.m.t., I set off 39° 44' on the lat. arc, 22° 47' N. on the decl. arc, and determine a meridian with the solar, at the true point for cor. of secs. 33 and 34, on S. bdy. of Tp., 43 lks. E. of W.C. The point falls on steep slope of slide rock.

Thence I run

North on a random line bet. secs. 33 and 34.

40.00	Set temp. ¼ sec. cor.
42.80	Falls 124 lks. E. of a volcanic stone, 24x12x10 ins. above ground, mkd. ¼ on W. face and witnessed by mound of stone to west.
81.24	Falls 118 lks. E. of a volcanic stone, 6x6x4 ins., above ground, mkd. C.C. on W. face, 1 notch on S., and 5 on N. edges. Mound of stone to W.
82.30	Falls 118 lks. E. of a volcanic stone, 8x12x4 ins. above ground, marked with 1 notch on S. and 5 on N. faces, and witnessed by a mound of stone east of rock.

(I return to the true point for the cor. of secs. 33 and 34 and carefully rechain this line and check my first measurement)

Note: In letter "E" 122596 W.T.P., May 18, 1911, I find the following: "If Deputy Gorlinski's work is found to be well executed it will be accepted upon Mr. Harrington's report, but if found defective, there will be no alternative than for the latter to correct the work even to discarding a greater or less portion thereof, and thereby becoming a new survey under governmental execution."
I therefore decide to discard his survey of this line.

Returning to true point for cor. of secs. 33 and 34, on S. bdy. of Tp., 43 lks. E. of W.C., thence I run

North on a true line bet. secs. 33 and 34.