

Chains

Dec. 5, 1914: At 11 h 50 m, a.m., l.m.t., I set off 22° 19'S. on the decl. arc; and observe the sun, on the meridian, the resulting lat. is 40°27'N.

110.70 From the cor. of secs. 30 and 31, thence South on a retracement along the W. side of sec. 31. Fall 55 lks. west of the  $\frac{1}{4}$  sec. cor. on the W. side of sec. 31, which is a volcanic stone 12x12x10 ins. above ground, marked and witnessed as described by the Surveyor General.

150.89 Fall 75 lks. W. of the Std. cor. of Tps. 31 N., Rs. 50 and 51 E., which is a volcanic stone 12x8x6 ins. above ground, firmly set, and marked with 6 notches on the E., W. and N. edges, and with a mound of stone N. of cor. The course of this mile is S.0°17'E.

I re-establish this corner at this point, as follows:  
Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for the Std. Cor. of Tps. 31 N., Rs. 50 and 51 E., with brass cap mkd:

T31N  
S36 | S31  
R50E | R51E  
1914

and raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

Dec. 5, 1914.

Dec. 13, 1914:

At 8 h 54 m, a.m., l.m.t., I set off 40°27'N. on the lat. arc; 23°05'S. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 31 N., Rs. 50 and 51 E. Thence N.0°17'W. on a resurvey along the W. side of sec. 31.

Over rolling land, thru dense undergrowth.

Ascend gently.

11.17 Old road, bears NW. and SE.

19.90 Wash, 10 lks. wide, 2 ft. deep, course SE.

27.10 Old road, bears NW. and SE.

29.40 Wash, 10 lks. wide, 2 ft. deep, course SE.

40.19 The old  $\frac{1}{4}$  sec. cor. on the W. side of sec. 31, already described, which I re-establish at the same point as follows:

Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for the  $\frac{1}{4}$  sec. cor. for sec. 31 only, with brass cap mkd:

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 $\frac{1}{4}$ S31  
1914

and raise a mound of stone 2 ft. base, 1½ ft. high, E. of cor.

64.34 In order to provide for a set of corners for Tp. 31 N., R. 50 E., at this point, which is 40.00 chs. plus the southing of the south bdy., I set a  $\frac{1}{4}$  sec. cor. for sec. 36, only, as follows:

Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for the  $\frac{1}{4}$  sec. cor. for sec. 36, only, with brass cap mkd:

$\frac{1}{4}$ S36  
1914

and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

104.34 For the same reason, as given above, at this point