

## Retracement of the North Boundary of T. 33 N., R. 60 E. 11

Chains

I commence at the old cor. of Tps. 33 and 34 N., Rs. 60 and 61 E., thence I retrace West on N. Bdy. T. 33 N., R. 60 E. bet. secs. 1 and 36, 2 and 35, 3 and 34, 4 and 33, 5 and 32, and 6 and 31, and at 483.53 chs. fall 5.48 chs. N. of previously set temp. point for cor. of Tps. 33 and 34 N., Rs. 59 and 60 E.

## Preliminary Field Operation.

Preliminary to the reestablishment of the SW. cor. of Tp. 34 N., R. 60 E., according to instructions; the position of this cor. was determined in an east and west direction by the following proportion:

The record distance between the old  $\frac{1}{4}$  cor. of secs. 2 and 35, on N. bdy. of T. 33 N., R. 59 E.; and the old cor. of Tps. 33 and 34 N., Rs. 60 and 61 E. = 609.94 chs.

The measured distance between the same points = 617.23 chs.

The record distance of the N. bdy. T. 33 N., R. 60 E. = 478.14 chs.

Therefore

$$609.94 : 617.23 = 478.14 : x = 483.85$$

483.85 chs. = the position of the SW. cor. of Tp. 34 N., R. 60 E., west from the old cor. of Tps. 33 and 34 N., Rs. 60 and 61 E. in an east and west direction.

Therefore from the previously set temp. point for cor. of Tps. 33 and 34 N., Rs. 59 and 60 E., run west 32 lks. to the true point for the SW. cor. of Tp. 34 N., R. 60 E. at which point this cor. is permanently established.

The bearing of the N. bdy. of T. 33 N., R. 60 E. is therefore N. 89° 21' E., and the length 483.88 chs.

The bearing of the W. bdy. of T. 34 N., R. 60 E., is therefore, between the SW. Tp. cor. and the old cor. of secs. 19, 24, 25 and 30, N. 0° 07' E., and the length 160.00 chs.

In order to reestablish the closing cor. of Tps. 33 and