

Resurvey of W. Bdy. of T.41 N., R.26 E.

9.

Chains

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

Land, mountainous.

Soil, rocky, 1st and 4th rate.

Sage undergrowth.

At the $\frac{1}{4}$ sec. cor. on the W. bdy. of sec. 6, heretofore described, at 11h 46m A.M., l.m.t., I observe the sun on the meridian, and obtain $29^{\circ}23'$ direct to upper limb, $28^{\circ}53'30''$ reverse to lower limb. The resulting latitude is $41^{\circ}28'54''$.

At the S.W. cor. of this township, heretofore described, at 7 h 17 m P.M., l.m.t., I observe Polaris in accordance with instructions in the Manual and mark the line thus determined by a tack driven in a wooden peg, set in the ground 5 chs. N. of my station.

November 19, 1910.

November 20. At 8 h 0 m A.M., I lay off the azimuth of Polaris $0^{\circ}54'$ to the west, and mark the meridian thus determined by a tack driven in a wooden peg set in the ground, west of the point established last night. The magnetic bearing of the true meridian is $N.18^{\circ}30'W.$, which gives the magnetic declination $18^{\circ}30'E.$ From the true meridian I turn an angle of $0^{\circ}06'$ to the east and sight to flag on $\frac{1}{4}$ sec. cor., which determines the course of my line to be $N.0^{\circ}06'E.$

November 20, 1910.

RESURVEY OF NORTH BDY. of T.41 N., R.26 E.

November 21.

From the cor. of Tps. 41 and 42 N., Rs. 25 and 26 E., heretofore described,

I run

East on random line bet. secs. 31 and 6.

To west shore of Summit Lake, set temp. meander cor.

After diligent search I am unable to find any trace of the old meander cors. on either shore of the lake. To determine the distance across, I set a flag on line on east shore, then measure a base S. 10 chs. to a point, from which the flag bears $N.69^{\circ}06'30''E.$, from the flag the S. end of base bears $S.69^{\circ}06'30''W.$, therefore the dist. is $\tan 69^{\circ}06'30'' \times \text{base}$, or $2.6187 \times 10 = 26.20$ chs., also $8.00 + 26.20$ makes

To east shore of lake, set temp. meander cor. I continue my line east but can find no traces of the old cors. until at 2 mi. 7.60 chs. fall 1.30 chs. S. of cor. of secs. 4, 5, 32 and 33, a basalt stone $16 \times 16 \times 9$ ins. above ground, marked and witnessed as described by the Surveyor General, and in place of which set an iron post 3 ft. long, 3 ins. diam. 24 ins. in the ground for cor. of secs. 32 and 33, with brass cap mkd:

T42N | R26E
S32 | S33
1910

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Thence I run

$S.89^{\circ}33'W.$ bet. secs. 5 and 32.

Desc. over rolling land.

Intersect S. bdy. of Camp McGarry Reservation at $N.72^{\circ}10'W.$ 13.50 chs. from cor. No. 7.

Set an iron post 3 ft. long, 1 in. diam., 24 ins. in the ground for C. C., with brass cap mkd:

T42N | R26E
S32 |
S 4 CC RL
T41N
1910

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Old road, bears $S.60^{\circ}E.$ and $N.60^{\circ}W.$