

Chains

the day's work.

Sept. 30, 1915.

Surveyed by W.R. Johnston.
Oct. 1, 1915: At 9h. 00m., a.m., l.m.t., I set off 39° 44' N. on the lat. arc; 2° 56' S. on the decl. arc and determine a meridian with the solar at the temp. point for the cor. of secs. 2, 3, 34 and 35 on the N. bdy. Thence I continue my random line W. and at 320.00 chs. from the cor. of Tps. 21 and 22 N., Rs. 48 and 49 E. I set a temp. point for the cor. of secs. 4, 5, 32 and 33 at the end of the day's work.

Oct. 2, 1915.

Surveyed by W.R. Johnston.
Oct. 2, 1915: At 9h. 00m., a.m., I set off 39° 44' N. on lat. arc; 3° 19' S. on the decl. arc and determine a meridian with the solar at the temp. point for the cor. of secs. 4, 5, 32 and 33 on the N. bdy. Thence I continue my random line W. and at 479.04 chs. from the cor. of Tps. 21 and 22 N., Rs. 48 and 49 E. I intersect the N. and S. line, 28 lks. N. of the cor. of T. 21 N., R. 47 and 48 E., heretofore described. The falling answers to a correction of 02' or 4.7 lks. S. per mile counting from the N.E. cor. of the Tp. Therefore I run

N. 89° 58' E. on a true line bet. secs. 6 and 31. Over mountainous land, ascend steep slope through dense pinon pine timber.

- 14.60 Top of ridge, 440 ft. above Tp. cor. bears N. and S.; descend.
- 28.20 Bottom of ravine, 270 ft. below top of ridge, course S. ascend through scattering pine 280 ft. to the $\frac{1}{4}$ sec. cor.
- 39.04 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap mkd.,

$\frac{1}{4}$
S31
—
S6
1915

and raise a mound of stone 2 ft. base, 1½ ft. high N. of corner.
Corner on top of spur, projects S.; descend through scattering pines.
No trees near for marking.
44.60 Ravine, 115 ft. below $\frac{1}{4}$ sec. cor., course S. 20° W.; ascend.
54.00 Main summit of the dividing mountain range, 145 ft. above ravine. bears S. 10° E. and N. 10° W.; descend.
75.70 Bottom of ravine, 440 ft. below summit of ridge, course S. 70° E. ascend along S. slope 10 ft. to the corner.
79.04 Set an iron post 3 ft. long, 3 ins. in diam., 10 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.;

T22NR48E
S31 | S32
— | —
S6 | S5
T21N
1915

and raise a mound of stone 2 ft. base, 1½ ft. high W. of corner.
No trees near for marking.
Land, high rough mountains, slopes steep.