

10. Fractional S. Bdy. T. 47 N., R. 32 E.

Chains

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high S. of corner.  
Land, mountainous. Soil, sandy loam, gravelly and rocky.  
Fair sagebrush and good grass. No timber.  
Instrument not set up at noon, therefore it was impossible to take observation for latitude.

November 10, 1915.

FRACTIONAL S. BDY. T. 47 N., R. 32 EAST

80.00

October 25: From the cor. of Ts. 46 and 47 N., Rs. 32 and 33 E.; hereinbefore described, I run West on a random line on the S. bdy. of T. 47 N., R. 32 E., setting temp. cors. at intervals of 40 chs.

At this point I quit for the day.  
Traveling at noon; therefore it was impossible to take observation for latitude.

October 25, 1915.

228.00

October 26: At 7h.0m.a.m., l.m.t., the hour being too early for a solar observation, I set up the instrument at my point 80.00 chs. West of the cor. of Ts. 46 and 47 N., Rs. 32 and 33 E., set vernier A to read N.  $88^{\circ} 19' E.$ , sight on an object known from former observation to have that bearing, unclamp the plate, set the vernier on  $90^{\circ}$  and continue West.

234.62

At this point I set off  $12^{\circ} 16' S.$  on the decl. arc, and at about 11h. 44m. a.m., l.m.t., observe the sun on the meridian. The resulting latitude is  $41^{\circ} 53.5'$ .

To a point 22.34 chs. North of the cor. of secs. 3, 4, 33 and 34, reestablished by me, as hereinbefore recorded.

October 26, 1915.

October 27: At 9h.0m.a.m., l.m.t., I set off  $41^{\circ} 53.5'$  on the lat. arc and  $12^{\circ} 32.5' S.$  on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34.

Thence I run

East, on a true line, bet. secs. 3 and 34.

Over mountainous land, Descend 70 ft. on SE. slope to brook.

2.25

A brook, slightly flowing, course SE.; ascend 90 ft. on SW. slope to top of spur.

23.00

Small draw, course S.  $30^{\circ} W.$

30.00

Top of spur, projects S.; descend 125 ft. on SE. slope to draw.

34.62

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

$\frac{1}{4}$  S 34  
S 3  
1915

37.50

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

41.50

Draw, course S.; ascend 20 ft. on SW. slope.

46.00

Top of ascent; descend 40 ft. on SE. slope to draw.  
Draw, course S.  $30^{\circ} E.$ ; ascend 130 ft. on SW. slope to top of spur.

57.00

Spur, projects S.  $30^{\circ} E.$ ; descend 415 ft. on SE. slope to corner.

74.62

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

T 47 N | R 32 E  
S 34 | S 35  
S 3 | S 2  
T 46 N  
1915