

Chains

the resulting latitude is $40^{\circ}52'N$.

October 2, 1915.

October 4, 1915:

At 8 h 0 m, a.m., l.m.t., I set off $40^{\circ}52'N$. on the lat. arc; $4^{\circ}03'S$. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 7 and 8.

Thence West on a true line between secs. 6 and 7.

Over heavily rolling land, through sage and buckbrush, and patches of chaparral and aspen.

- 6.05 Top of ridge, 70 ft. above section corner, bears $S.35^{\circ}E$. and $N.35^{\circ}W$.
- 12.60 Creek, 80 ft. below ridge, 1 lk. wide, 2 ins. deep, course $S.35^{\circ}E$. Enter aspen timber, bears with creek.
- 20.20 Leave aspen timber, bears N. and S.
- 21.40 Top of ridge, 195 ft. above creek, bears $S.30^{\circ}E$. and $N.30^{\circ}W$.
- 27.55 Enter dense aspen timber, bears N. and S.
- 30.45 Spring of water, now nearly dry. No stream flowing from same.
- 31.45 Small spring, flowing small stream of water, in bottom of draw, 80 ft. below ridge, course $S.10^{\circ}E$.
- 31.95 Leave aspen timber, bears N. and S.
- 33.90 Top of spur, 45 ft. above draw, projects $S.10^{\circ}E$.
- 38.00 Little draw, 10 ft. below spur, course $S.10^{\circ}E$.
- 40.00 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd:

$$\begin{array}{r} \frac{1}{4} S \quad 6 \\ \hline S \quad 7 \\ 1915 \end{array}$$

from which:

An aspen 6 ins. in dia., bears $S.60^{\circ}W$. 58 lks. dist., mkd. $\frac{1}{4}S7BT$.

An aspen 6 ins. in dia., bears $N.71^{\circ}W$. 84 lks. dist., mkd. $\frac{1}{4}S6BT$. Corner is set 5 ft. above draw.

- 40.30 Enter dense aspen timber and very dense chaparral undergrowth, bears N. and S.
- 46.05 Leave timber and chaparral, bears N. and S.
- 47.45 Top of ridge, 110 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.
- 59.05 Bottom of draw, 165 ft. below ridge, course $S.10^{\circ}W$.
- 67.55 Top of ridge, 80 ft. above draw, bears N. and S.
- 76.55 Bottom of draw, 110 ft. below ridge, course S.
- 77.03 Intersect the W. Bdy. of the Tp., at a point 3.11 chs. $S.0^{\circ}14'W$. from the cor. of secs. 1 and 12, T.34 N., R. 60 E.

At point of intersection, I set an iron post 3 ft. long, 2 ins. in dia., 24 ins. in the ground for the closing corner of secs. 6 and 7, with brass cap mkd:

$$\begin{array}{r} T \ 34 \ N \\ R60E \ | \ R61E \\ \hline S12 \ | \ S6C \\ \hline \quad \quad \quad S7C \\ 1915 \end{array}$$

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

Land, heavily rolling.

Dark, rich, sandy loam with some granite and quartzite coarse gravel. Not very rocky. At $\frac{1}{4}$ sec. cor. soil is 26 ins. deep, but becomes quite rocky in bottom of post hole. Over top of ridge at 47 chs. is coarse gravel with many rocks. At the closing corner, sandy loam with coarse gravel and many quartzite rocks.

Timber, aspen, undergrowth, chaparral, willows, service berry, choke cherry, sage and buck brush. A little grass.

October 4, 1915.