

Chains. September 11, 1914: At 10h.00m., a.m., l.m.t., I set off
 $41^{\circ}02'N.$ on the lat. arc; $4^{\circ}43'N.$ on the decl. arc;
 and determine a meridian with the solar, at the cor.
 of secs. 5, 6, 7, and 8.

Thence I run
 $S.89^{\circ}59'E.$ on a random line bet. secs. 5 and 8.

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. and S. line, 12 lks. S. of the cor. of secs.
 4, 5, 8, and 9, which is a quartzite stone, 8x6x6ins.
 above ground, mkd. and witnessed as described by the
 surveyor general.

Thence I run
 $S.89^{\circ}56'W.$ on a true line bet. secs. 5 and 8.

Ascend over steep, E. slope of Pilot Peak, over slide
 rock and cliffs, through dense, scrub, fir timber.

10.50 Leave dense timber, continue through scattering timber.

39.95 Set a quartzite stone, 16x12x10 ins., 10 ins. in the
 ground, 1470 ft. above sec. cor., for $\frac{1}{4}$ sec. cor.,
 mkd. $\frac{1}{4}$ on N. face; from which,
 A fir, 6 ins. in diam., bears $N.11\frac{1}{2}^{\circ}E.$, 10 lks. dist.,
 mkd. $\frac{1}{4}$ S 5 B T.
 A balsam fir, 8 ins. in diam., bears $S.79^{\circ}W.$, 12
 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

48.00 Pilot Peak, bears S. 3 chs. dist., 50 ft. above line.
 Peak is solid quartzite.

50.00 Top of main ridge of Pilot Peak Range, 250 ft. above $\frac{1}{4}$
 sec. cor., bears $N.30^{\circ}W.$ and $S.30^{\circ}E.$ From peak, range
 bears SW.

Descend over quartzite cliffs and slide rock, through
 very scattering, stunted timber.

79.90 The cor. of secs. 5, 6, 7, and 8, 1315 ft. below ridge.
 Land is rough and mountainous.
 Practically no soil. In places, a very little loam soil
 among the rocks. All solid quartzite outcrops and
 cliffs, and slide rock. Absolutely worthless. Just a
 huge jumble of rocks.
 A few stunted fir and pine trees. No undergrowth, and no
 grass.

September 11, 1914.