

E. bdy. of T.7 N., R.42 E.

Chains

the resulting lat. is $38^{\circ} 29'$.

68.00 Top of ridge, 390 ft. above bottom of ravine, brs. NE. and SW.

Set temp. point

Land, mts. of volcanic formation; general drainage and exposure to the E.; soil, shale, gravel and loose rock on surface, 6 ins. deep on a subsoil of light sandy clay of medium texture; timber, dense growth of cedars and pinon pine; scattering undergrowth of sage brush, mountain rush, shadscale and grass; fair grazing, 68 chs.

July 15, 1914.

July 17, 1914: At 3h 36m a.m.l.m.t., I set off $38^{\circ} 29'N.$, on lat. arc; $21^{\circ} 17'N.$, on the decl. arc; and determine a meridian with the solar at the temp. 68 ch. point set on July 15.

Thence I run

West, on offset line.

Over rugged mts. land through dense growth of cedars and pinon pine and scattering undergrowth of sage brush, mountain rush, rabbit brush, shadscale and grass.

Asc. along top of spur.

31.50 Top of spur, 885 ft. above temp. 68 ch. point, projects E. about 100 chs.

Desc.

40.00 Set temp. point, 50 ft. below top of spur.

July 17: Sky overcast at noon; therefore unable to observe the sun for lat.

Rain in P.M. prevented further work this day.

July 17, 1914.

July 18, 1914: At 10h 06m a.m.l.m.t., I set off $38^{\circ} 29'N.$, on lat. arc; $21^{\circ} 06\frac{1}{2}'N.$, on decl. arc; and determine a meridian with the solar at the temp. point set at 40 chs. on July 17.