

Chains

79.61 Angle Point corner heretofore described.

June 25, 1915.

June 20, 1915:

At the Angle Point Corner on the 7th Std. Par. N., at 8 h 0 m, a.m., l.m.t., I set off  $40^{\circ}58'N.$  on the lat. arc;  $23^{\circ}27'N.$  on the decl. arc, and determine a meridian with the solar.

Thence West on random line along the 7th Std. Par. N., along the S. Bdy. of sec. 34.

Knowing from previous retracement that this line will not close on the old corner on the W. Bdy., thence West on a random line for distance only.

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

80.00 Set a temporary section corner for secs. 33 and 34. West along the S. Bdy. Sec. 33.

40.00 Set a temporary  $\frac{1}{4}$  sec. cor. At this point, I set off  $23^{\circ}27'N.$  on the decl. arc, and at apparent noon observe the sun on the meridian, the resulting latitude is  $40^{\circ}58'N.$ 

80.00 Set a temporary corner for secs. 32 and 33.

Continue West along the S. Bdy. of sec. 32.

19.35 Owing to vertical cliffs 400 ft. high, 4 chs. west of this point, over which it is impossible to project line, I offset to the south 8.96 chs.

Thence West on offset line.

25.03 From this point, I run  $S.87^{\circ}45'W.$  for a distance of 3.13 chs. to avoid point of rock.

28.16 Point 9.08 chs. S. of line.

June 20, 1915.

June 21, 1915:

At the above point, at 10 h 0 m, a.m., l.m.t., I set off  $40^{\circ}58'N.$  on the lat. arc;  $23^{\circ}27'N.$  on the decl. arc, and determine a meridian with the solar.

Thence West on offset line for 11.84 chs.

40.00 North 9.08 chs. to line and set temporary  $\frac{1}{4}$  sec. cor. Thence West.

53.17 Impassible cliffs, 200 to 300 ft. high. Offset to the north 2.55 chs. to top of main ridge. Owing to high cliffs on either side of ridge over which it is impossible to survey,

Thence  $S.77^{\circ}22'W.$  along top of main ridge.

Ascending high, rocky peak.

At 27.50 chs. on this course, the temporary corner of secs. 31 and 32 bears N.3.46 chs. This point falls on the top of high, rocky spur of ridge, which projects N. I continue same course and line  $S.77^{\circ}22'W.$

At 41.78 chs. on this bearing, I turn angle and run  $N.76^{\circ}00'W.$  for 2.52 chs. along rocky, knife edge of main ridge to the top of the highest peak in the range, 11,470 ft. above sea level. Highest point of peak bears south 1 chain, - 15 ft. higher than this point 1 chain to the north is a circular cliff 400 ft. high which drops to extinct crater.

16.39 Distance of above point west of temporary corner of secs. 31 and 32, which is 5.98 chs. S. of line.

June 21, 1915.

June 22, 1915:

Thence West on offset line for 10.47 chs.

26.86 Edge of vertical cliffs 320 ft. high, over which it is impossible to chain. Thence North 5.98 chs. to line and continue West on line. Descending over cliffs and slide rock.

40.00 Set a temporary  $\frac{1}{4}$  sec. cor.99.44 Intersect the E. Bdy. of T.35 N., R. 60 E., 9.61 chs.  $S.0^{\circ}21'E.$  of the old Tp. corner, which is a dacite stone 10x8x15 ins. above ground, marked R61E on E.,