

Chains

Subdivisions of T. 13 N. R. 27 E.

Survey commenced June 20th, 1908 and executed with the instrument described in Book A of this survey. The adjustments of the instrument were examined on June 18, and 19th and were found satisfactory and are described in in Book B of this survey. I began at the corner of Secs. 1, 2, 35 and 36 on the North boundary of T. 13 N. R. 27 E which is a post 12 x 4 x 4 ins. above ground, firmly set marked and witnessed as described by the Surveyor General.

I set off $39^{\circ} 1'$ on the latitude arc, $23^{\circ} 28'$ N. on the declination arc and 8 h. 10 min. A. M. l. m. t.

determining a meridian with the solar.

The magnetic bearing of the true meridian is $N 70^{\circ} 35' W$ which gives a magnetic declination of $190^{\circ} 35' E$.

Thence I run

S. $0^{\circ} 1'$ E between Secs 1 and 2

37.00 Ravine course N. E. 12 ins.

40.00 Set an andesite stone 18 x 12 x 6 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on the W. face and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of corner
Pits impracticable.

66.00 Ridge bears E. and W.

67.00 Ravine course E.

70.00 Cañon course E.

73.00 Ridge bears E. and W.

78.00 Ravine course E.

80.00 Set a basalt stone 18 x 8 x 5 ins. 12 ins. in the ground marked with 5 notches on S. edge and one notch on E. edge

for cor. to secs. 1, 2, 11 and 12 and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft high W. of corner

Pits impracticable, Land mountainous.

Soil 3rd rate. Sagebrush and greasewood. No timber

Mountainous land 80 chains