

J.

Survey of Subdivisions of T. 18 N., R. 44 E.

Chains April 22, 1909.

At 7 h 10 m a.m., l.m.t. I set off $39^{\circ} 22'$ on the lat. arc, and $12^{\circ} 9'$ N. on the decl. arc, and determine a meridian with the solar at the cor. to secs. 34 and 35, on the S. bdy. of T. 18 N., R. 44 E.

Thence I run

N. $0^{\circ} 1'$ W. bet. secs. 34 and 35.

- 6.20 Ridge, bears E. and W.,
 9.00 Ridge, bears E. and W.,
 22.30 Birch Creek, 6 lks. wide, 6 ins. deep, course S. 70° E.
 24.75 Road, in canon, bears S. 70° E., N. 70° W.
 25.25 At wall of old house 30x20 ft.
 40.00 Set a granite stone 18x12x9 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.
 43.80 Ridge, bears E. and W.,
 60.30 Ridge, bears NW. and SE.,
 75.45 Ridge of rock, bears NW. and SE.,
 80.00 Set a granite stone, 28x10x6 ins., 21 ins. in the ground, for cor. to secs. 26 and 27, 34 and 35, marked with 1 notch on S. and 2 notches on E. edge, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.

Land, mountainous.

Soil, stony, second rate.

Timber, sagebrush, pine and cedar.

Mountainous land, very difficult to survey, 80 chs.

From the cor. of secs. 26, 27, 34 and 35 I run

a line due E. setting temp. $\frac{1}{4}$ and sec. cors. respectively at intervals of 40 and 80 chains.

- 159.96 Intersect E. bdy. of tp. at cor. previously set for cor. of secs. 25 and 36.

I then return to the cor. of secs. 35 and 36 on the S.

bdy. of the tp. and proceed to run a sec. guide meridian