

## Survey of the E. bdy. of T. 28 N. R. 39 E.

Chains. Oct. 13, 1914, I commence at the cor. of T. 29 N. R. 39. E. previously set by me, and at 8h 47m a.m. l.m.t. I set off  $7^{\circ} 36\frac{1}{2}'$  S. on the declination arc, and  $40^{\circ} 19\frac{1}{2}'$  N. on the lat. arc and determine a meridian with the solar. Thence I run S. on random line, on the east bdy. of the tp. setting temporary corners at intervals of 40.00 chs. At 160.00 chs. I set off  $7^{\circ} 40'$  S. on the declination arc and at 11h 47m a.m. l.m.t., observe the sun on the meridian, the resulting lat. is  $40^{\circ} 18'$  N. I continue the same S. to 320.00 chs.

Oct. 13, 1914.

Oct. 14, 1914,

I commence at the 320.00 ch. point left last night, I set off  $40^{\circ} 16'$  N. on the lat. arc and  $7^{\circ} 57'$  S. on the decl. arc and <sup>at 8 h 0 m. a.m. l.m.t.</sup> determine a meridian with the solar.

Thence I continue the same line S.

At 480.38 chs. intersect the S. bdy. 3.40 chs. W. of the cor. of Tps. 27 and 28 N. Rs. 39 and 40 E.

Oct. 14, 1914.

Oct. 15, 1914. I commence at the cor. of Tps. 27 and 28 N. Rs. 39 and 40 E. and run N. on true line, bet. secs. 31 and 36, Over gently rolling land, through sage brush and shadscale, a few scattering junipers. gradual desc.

27.40 Wash, 20 lks. wide 4 ft. deep, 150 ft. below cor. Drs. S.  $85^{\circ}$  E. asc.

40.00 Set iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S36 $\frac{1}{4}$  | S31

1914

and raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high west of cor.

54.60 Ridge, 240 ft. high, bears NW. and SE. desc.

80.00 Set iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for the cor. of secs. 25, 30, 31 and 36, with brass cap marked