

## Resurvey of the E. Bdy. of T. 40 N., R. 31 E.

Chains

Soil, rocky, 4th rate.

Timber, juniper. Some low sage undergrowth.

Mountainous land, 80.00 chs.

Note.- Sky overcast at noon; observation for lat. impossible. August 13, 1913.

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August 14: At 10h. 10m. a. m., l. m. t., I set off  $41^{\circ} 22.5'$  on the lat. arc and  $14^{\circ} 25'$  N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1 and 12, heretofore described.

Thence I run

North, on E. Bdy. sec. 1.

Over mountainous land.

Through scattering junipers.

Asc. 80 ft. to top of spur.

6.00 The top of a spur, projects E.; desc. 260 ft. to gulch.

16.30 A gulch, dry, course E.; asc. 320 ft. to top of spur.

26.00 The top of a spur, projects S.  $70^{\circ}$  E.; desc. 100 ft. to gulch.

At this point I set off  $14^{\circ} 23'$  N. on the decl. arc, and at about 12h. 4m. p. m., l. m. t., observe the sun on the meridian. The resulting lat. is  $41^{\circ} 23'$ .

29.46 The C. C. of secs. 6 and 7, T. 40 N., R. 32 E., on line, the same being a conglomerate stone, 10 x 10 x 10 ins. above ground, firmly set, mkd. C C on E., with 1 groove on N. and 5 grooves on S. face, with a mound of stone, 24 in. base, 15 ins. high, E. of the cor.

32.10 A gulch, dry, course S.  $60^{\circ}$  E.; asc. 450 ft. to top of divide.40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

S  $1 \frac{1}{4}$  |  
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and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of the cor.

46.60 The top of the divide between Happy and Deer Creeks, bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W.; desc. 1110 ft. to C. C.