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## Subdivision of T 29 N. R. 19 E.

## Chains

Survey commenced September 20, 1911, by Guy P. Harrington, U. S. Nos. 8388 & 8394 Surveyor, and executed with Young & Sons transit, with solar attachment, the horizontal limb being provided with two double verniers placed opposite each other, reading to single minutes of arc, which is also the least count of the latitude and declination arcs.

For Polaris observation, see notes of T. 28 N. R. 20 E.

(For description of iron posts, see page 8.)

September 20, 1911. At the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp., I set off  $1^{\circ} 42\frac{1}{2}'$  N. on the decl. arc, and at 11h 53m 45s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is  $40^{\circ} 20\frac{1}{2}'$ , the proper lat.

Thence I run

West on a true line bet. secs. 25 and 36.

Over barren desert land.

40.00 Set an iron post 26 ins. in the ground, for the  $\frac{1}{4}$  sec. cor. bet. secs. 25 and 36, with brass cap stamped

$\frac{1}{4}$  S 25 in N. half  
S 36 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

80.00 Set an iron post 26 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap stamped

T 29 N S 25 in NE. quadrant  
R 19 E S 36 in SE. quadrant  
S 35 in SW. quadrant  
S 26 in NW. quadrant  
1 notch on E. and 1 on S. edge.

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, nearly level, barren desert.  
Soil, sandy, alkali, 3rd rate.

From the cor. of secs. 25, 26, 35 and 36, I run

S.  $0^{\circ} 01'$  E. on a true line bet. secs. 35 and 36.

Over barren desert land.

40.00 Set an iron post 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. bet. secs. 35 and 36, with brass cap stamped

$\frac{1}{4}$  S 35 in W. half  
S 36 in E. half