

Independent Resurvey of the East Boundary of T. 19 N., R. 62 E.

Chains

Telescope reversed, upper limb $73^{\circ} 32' 30''$
 Mean of vertical angles, apparent altitude $73^{\circ} 52' 23''$
 Subtract suns decl. corrected for refraction $23^{\circ} 21' 47''$
 Co-latitude of station $50^{\circ} 30' 36''$
 Latitude of station $39^{\circ} 29' 24''$

June 16, 1917.

From the old cor. of Ts. 18 and 19 N., Rs. 61 and 62 E., which is a volcanic stone, 20x10x2 ins., set in a mound of stone, marked with 6 grooves on N., E., S., and W. faces; I retrace

North, bet. secs. 31 and 36.

39.39 Fall 13 lks. E. of old $\frac{1}{4}$ sec. cor., which is a volcanic stone, 9x8x6 ins., lying on the ground.

I continue my retracement north on same line.

80.00 Found no trace of old cor. after diligent search.

I continue my retracement north on same line making diligent search at intervals of 40.00 and 80.00 chs. for the old $\frac{1}{4}$ sec. and sec. cors. but without result.

480.00 Set temp. point, thence

East, on a random retracement line along N. bdy. of T. 19 N., R. 62 E., making diligent search for the old $\frac{1}{4}$ sec. and sec. cors. but without result until at

457.35 Intersect N. and S. line 5.83 chs. S. of the old cor. of Ts. 19 and 20 N., Rs. 62 and 63 E., which is a limestone, 14x8x6 ins. above ground, in a mound of stone, marked with 6 notches on N., E., S., and W. edges. I re-monument the cor. at same point as follows:

Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground, for cor. of Ts. 19 and 20 N., Rs. 62 and 63 E., with brass cap marked

	T 20 N	
R 62 E	R 63 E	
S 36	S 31	
S 1	S 6	
T 19 N		
1917		