

- Retracement of S. Bdy. of T. 19 N., R. 49 East.
 Establishment of cor. of Tps. 19 and 20 N., Rgs. 49 and 50 E
 6. Resurvey East Boundary T. 20 N., R. 49 East.

Chains
 240.00 At 12h 00m, noon, apparent time, I set off $22^{\circ} 19' N.$, on the decl. arc and observe the sun on the meridian for latitude. The resulting latitude is $39^{\circ} 31\frac{1}{2}' N.$
 Continue S. on a retracement of the E. bdy. of the Tp. making careful search at intervals of 40 chs. for traces of old corners.
 480.00 No traces of old cors. apparent. Cease work for the day.
 Set temp. point.

July 10, 1915.

RETRACEMENT OF S. BOUNDARY T. 19 N., R. 49 EAST

Retraced by H.W. Reppert and W.R. Johnston.
 July 12, 1915. At 10h. 00m., a.m., apparent time, I set off $22^{\circ} 04' N.$, on the decl. arc; $39^{\circ} 29' N.$ on the lat. arc and determine a meridian with the solar at the cor. of Tps. 18 and 19 N., Rgs. 48 and 49 E. which is a wooden post, 3 ins. square, 3 ft. long, set in a mound of stone and properly marked.
 Thence I run
 E. on a retracement of the S. Bdy. of T. 19 N., R. 49 E. and at a point 10.80 chs. W. and 2.12 chs. N. of the cor. of T. 19 N., Rgs. 49 and 50 E., which is a cedar post, 4 ins. square, by 6 ft., set in a mound of stone and properly marked, and 400.05 chs. S. of the temp. cor. set July 10, 1915, for cor. of Tps. 19 and 20 N., Rgs. 49 and 50 E., I intersect my retracement line for the E. bdy. of T. 19 N., R. 49 E.
 At 12h. 00m., noon, not on meridian therefore could make no observation for latitude.

July 12, 1915.

ESTABLISHMENT OF COR. OF TPS. 19 and 20 N., RS. 49 and 50 E

Line run by W.R. Johnston.
 July 13, 1915. At 10h. 00m., a.m., apparent time, I set off $21^{\circ} 56' N.$ on the decl. arc; $39^{\circ} 29' N.$ on the lat. arc and determine a meridian with the solar at the cor. of Tps. 19 N., Rgs. 49 and 50 E. heretofore described.
 Thence I run
 N. on the E. bdy. of T. 19 N., R. 49 E.
 240.00 At 12h. 00m., noon, apparent time, I set off $21^{\circ} 55' N.$ on the decl. arc and observe the sun on the meridian for latitude. The resulting latitude is $39^{\circ} 31\frac{1}{2}' N.$
 480.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of Tps. 19 and 20 N., Rgs. 49 and 50 E., with brass cap mkd.,

	T20N	
R49E		N50E
S36		S31
S1		S6
	T19N	
	1915	

Dig pits, 24x24x12ins., on each line, N., E. and W. 4 ft. and S. of post, 3 ft. dist.; and raise a mound of earth, 5 ft. base, 2½ ft. high S. of cor.

July 13, 1915.

RESURVEY OF EAST BOUNDARY T. 20 N., R. 49 EAST

Surveyed by H. W. Reppert.
 July 14, 1915. At 8h 45m., a.m., apparent time, I set off $21^{\circ} 48' N.$ on the decl. arc, $39^{\circ} 34' N.$ on the lat. arc