

2.

## Resurvey of S. Bdy. of T.40 N., R. 20 E.

Chs.	
77.47	<p>After a diligent search I find no trace of the cor. of secs. 31 and 32. I mark a temporary point for this corner. On July 10, 11 and 14, I continue this line 5 miles farther East, marking temporary points for corners every 40 chs., and searching diligently for traces of the old corners, but, finding none, though I subsequently find some corners as noted below.</p>
40.00 79.66	<p>July 10, 11 and 14, 1914. September 30: At 10 h 0 m A.M., l.m.t., I set off <math>41^{\circ} 20.5'</math> on the lat. arc, and <math>2^{\circ} 39' S.</math> on the decl. arc, and determine a meridian with the solar at the SE. cor. of Tp. 40 N., R. 20 E., which is a stone <math>14 \times 12 \times 5</math> ins., set in a mound of stone 3 ft. base, 1 ft. high, and marked with 6 grooves on the N. and W. faces. I retrace on the South Bdy. of Tp. 40 N., R. 20 E. West on the South Bdy. of Sec. 36. After a diligent search I find no trace of <math>\frac{1}{4}</math> sec. cor. Fall 40 lks. S. of the cor. of secs. 35 and 36, which is a sandstone <math>10 \times 6 \times 4</math> ins., mkd. with 4 grooves on top face and set in a mound of stone 4 ft. base, 15 ins. high. No indications of pits. Line is therefore <math>N.89^{\circ} 43' W.</math>, 79.66 chs.</p>
40.66	<p>From the cor. of secs. 35 and 36, above described, I retrace West on the south bdy. of sec. 35. Fall 96 lks. S. of the <math>\frac{1}{4}</math> sec. cor., which is a basalt stone <math>15 \times 9 \times 6</math> ins. set in a mound of stone 30 ins. base, 16 ins. high, and marked <math>\frac{1}{4}</math> on top face. Line is therefore <math>N.88^{\circ} 39' W.</math>, 40.67 chs.</p>
40.21	<p>Sept. 30, 1914. October 1: At 11 h 30 m A.M., l.m.t., I set the vernier on <math>90^{\circ}</math> and sight on an object known from an observation of yesterday to bear East, and retrace West. Fall 1 lk. N. of the cor. of secs. 34 and 35, which is a porphyry stone <math>12 \times 7 \times 7</math> ins. standing in a mound of stone 36 ins. base, 12 ins. high, and marked with 2 grooves on E. and 4 grooves on W. face. Line is therefore <math>S.89^{\circ} 59' W.</math>, 40.21 chs.</p>
40.00 80.00 88.33	<p>From the cor. of secs. 34 and 35, above described, I retrace West on the S. Bdy. of sec. 34. After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor. After diligent search I find no trace of the cor. of secs. 33 and 34. Fall 27.55 chs. N. of my temporary point for the cor. of secs. 34 and 35, set at 317.47 chs. East of the SW. cor. of T. 40 N., R. 20 E. Therefore the line for the cor. of secs. 34 and 35, to the SW. cor. of T.40 N., R. 20 E., is <math>S.86^{\circ} 7' W.</math>, 406.73 chs.</p>
October 1, 1914.	
RESURVEY OF SUBDIVISIONS T.40 N., R.20 E.	
40.00 80.00	<p>Oct. 27: At 2 h 0 m P.M., l.m.t., I set off <math>41^{\circ} 20.5'</math> on the lat. arc, and <math>12^{\circ} 43' S.</math> on the decl. arc, and determine a meridian with the solar at my temporary corner of secs. 33 and 34. Thence I retrace North between secs. 33 and 34. After diligent search I find no trace of the <math>\frac{1}{4}</math> sec. cor. After diligent search I find no trace of the cor. of</p>