

## 2. Retracement of E. Bdy. of T. 19 N., R. 36 E.

## Chains

Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground, alongside of stone, for cor. of T. 19 N., Rs. 36 and 37 E., with brass cap mkd.,

T 19 N	
R36E	R37E
S36	S31
1915	

From which

A Pinon Pine, 20 ins. in diam., bears N.  $34\frac{1}{2}^{\circ}$ E., 88 lks. dist., mkd. T19N R37E S31 BT

A Pinon Pine, 18 ins. in diam., bears N.  $56^{\circ}$ W., 167 lks. dist. mkd., T19N R36E S36 BT

Thence I run, from Polaris line.

North, retracing, on range line, bet. secs. 31 and 36.

At 40.00 chs., after a careful and extended search, am unable to find any trace of the  $\frac{1}{4}$  sec. cor. Set temp. cor.

At 80.00 chs., after careful and extended search, am unable to find any trace of the sec. cor., Set temp. cor.

Sept. 6: At the above temp. sec. cor. I set off  $6^{\circ} 38'N$ . on the decl. arc; and at 11h 59m l.m.t., observe the sun on the meridian, the resulting latitude is  $39^{\circ} 28'$ . I continue my line North, making careful searches at each 40 and 80 ch. point, finding no trace of old cors. At the temp.  $\frac{1}{4}$  cor. of secs. 19 and 24, cease work.

Sept. 6, 1915.

Sept. 7: At 7h 58m a.m., l.m.t., I set off  $39^{\circ} 29'$  on the lat. arc;  $6^{\circ} 20'S$ . on the decl. arc and determine a meridian at the above temp.  $\frac{1}{4}$  cor.; thence I continue North, retracing along range line.

At the temp. cor. of secs. 7, 12, 13 and 18; I set off  $6^{\circ} 16'N$ . on the decl. arc; and at 11h 58m a.m., l.m.t., observe the sun on the meridian, the resulting latitude is  $39^{\circ} 30'$ .

At the temp. cor. of secs. 1, 6, 7 and 12, cease work.

Sept. 7, 1915.

Sept. 8: At the above temp. cor., I set off  $39^{\circ} 30'$  on the lat. arc;  $5^{\circ} 57'N$ . on the decl. arc; and at 8h 52m a.m., l.m.t., determine a meridian; thence I continue North.

At 480.00 chs., the reported distance to tp. cor., set a temp. point for Ts. 19 and 20 N., Rs. 36 and 37 E., I failed to find any trace of old cors. along this entire line, left temp. point at each 40 and 80 ch. point.

Sept. 8, 1915.

Sept. 10: From the original cor. of secs. 3, 4, 33 and 34, on the N. bdy. of T. 19 N., R. 37 E., which I find to be a volcanic stone, 16x10x8 ins., above ground, firmly set, marked with 3 notches on E. and W. edges, unwitnessed, I raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high to W. of cor.

The temp. cor. of Ts. 19 and 20 N., Rs. 36 and 37 E., being plainly visible from this cor., I run

N.  $89^{\circ} 54'W$ ., on a blank line, for signal at said cor.

At 244.60 chs., intersect the temp. point set for Tp. cor., The record distance from cor. of secs. 3, 4, 33 and 34, to tp. cor. is 239.08 chs., therefore at a point 5.52 chs. E. of temp. point, or 239.08 chs. from the above sec. cor. Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground for cor. of Tps. 19 and 20 N., Rs. 36 and 37 E.