

Resurvey of South Boundary T. 19 N., R. 49 E.

5

Chains

Surveyd BY W.R. Johnston.
 Sept. 18, 1915: At 10h 05m., a.m., apparent time, I set off
 $2^{\circ} 06\frac{1}{2}'$ N. on the decl. arc; $39^{\circ} 29'$ N. on the lat. arc,
 and determine a meridian with the solar at the cor. of
 Ts. 19 N., Rgs. 49 and 50 E.

Thence I run

W. bet. secs. 1 and 36

Ascend gentle E. slope of ridge.

14.90 Top of ridge, 28 ft. above corner, bears N. 40° E. and
 S. 40° W.

Descend W. slope.

23.10 Dry wash, 10 ft. below ridge, course S. 10° W.

38.90 Spur, 98 ft. above wash, projects N. 70° W.

Descend W. slope of spur.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap mkd.,

S36 $\frac{1}{4}$

S1

1915

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N.
 of corner.

Descend to 5 ft. below cor.

40.80 Small wash, course N. 10° W.

Ascend E. slope of spur.

45.10 Spur, 50 ft. above corner, projects S. 40° E.

Descend W. slope of spur.

50.20 Dry wash, 55 ft. below spur, course S. 30° W.

Ascend E. slope of spur.

67.00 Spur, 250 ft. above wash, projects N. 20° W.

Ascend.

80.00 Set an iron post 3 ft. long, 3 ins. diam., on top of a
 solid rock ledge mounded in with rock, for cor. to secs.
 1, 2, 35 and 36, with brass cap mkd.,

T19NR49E

S35 S36

S2 S1

T18NR49E

1915

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W.
 of corner.

Corner is on top of a rock ridge 14 ft. above spur.

Old sec. cor., which is a wooden stake, 3 ins. square,
 3 ft. long, in mound of stone, located 15 lks. W. and
 3 lks. N., I destroyed this cor. in accordance with
 instructions.

Ascending E. slope of small ridge.

Soil, sandy with great quantities of loose limestone
 boulders and small rock.

Undergrowth, scattering growth of junipers.

Sept. 18, 1915: At 12h. 00m., noon, apparent time, I set
 off $2^{\circ} 05'$ N. on the decl. arc and observe the sun in the
 meridian for latitude at the cor. of secs. 1, 2, 35
 and 36. The resulting latitude is $39^{\circ} 29'$ N.

W. bet. secs. 2 and 35

Descend along ridge.

8.90 Dry wash, 116 ft. below sec. cor., course S. 15° W.

Ascend E. slope of spur.

16.00 Rock spur, 70 ft. above dry wash, projects S.

Descend W. slope of spur.

29.90 Dry wash, 158 ft. below rock spur, course N. 10° E.

Ascend E. slope of spur.

35.10 Spur, 52 ft. above wash, projects N. 80° E.

Descend W. slope of spur.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the