

Chains.

ridges; some exposed, porphyry ledges.
 Undergrowth, sagebrush and some grass.
 Timber, pinon pine and juniper, scattering.
 Sept. 10, 1915.

Surveyed by H. W. Reppert.
 Sept. 11, 1915: At 9h. 42m., a.m., l.m.t., I set off 39° 30' N. on the lat. arc; 4° 48' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.

Knowing that the line bet. secs. 19 and 30 will not close within limits on the W. boundary, therefore I run West on a true line bet. secs. 19 and 30.

Over rolling land, through scattered timber.

6.69 Wash and road, bear S. 45° W.

19.98 Dry wash, 6 lks. wide, 1 ft. deep, course S.; gradual ascent, E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diameter, 26 ins. in the ground, for ¼ sec. cor., with brass cap marked:

S 19 ¼

S 30

1915.

and raised a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

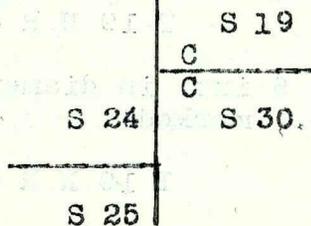
53.48 Dry wash, 20 lks. wide, 1 ft. deep, course S. 30° E.; ascend more abrupt slope.

78.79 Top of ridge, 400 ft. above dry wash, bears N. 20° E. and S. 20° W.; descend W. slope, no timber.

103.70 Cross dry wash in bend, 20 lks. wide, 3 ft. deep, heads S. 70° E., course S. 70° W.; 445 ft. below top of ridge; descend gradual slope 260 ft. to the closing corner.

134.01 Intersect the W. bdy. of the Tp., 20.22 chs. N. of the corner of secs. 24 and 25 of T. 19 N., R. 45 E. At the point of intersection I build a corner as follows: Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for closing corner of secs. 19 and 30 with brass cap mkd.;

T 19 N
 R 45 E R 46 E



1915

and raised a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rolling basin and mountainous.

Soil, ridges and steep slopes; rocky clay with abundance of red shale, volcanic rock; exposed, outcropping ledges. Draws and ravines having a deep, sandy, dark, loam soil with some washed, imbedded boulders. Loose, round boulders along ravine beds.

Undergrowth, sagebrush and some grass.

Timber, pinon pine and juniper, scattered on E. half mile. At this corner, I set off 4° 45½' N. on the decl. arc and about 1dh. 57m. a.m., l.m.t., observe the sun on the meridian.

The resulting latitude is 39° 30' N.