

16.

East Bdy. of T.29 N., R. 52 E.

Chains

June 10, 1915.

At the cor. of Tps. 28 and 29 N., Rgs. 52 and 53 E., at 9 h 0 m a.m., l.m.t., I set off 40°19'N. on the lat. arc, 22°59'N. on the decl. arc and determine a meridian with the solar.

Thence I survey

North between secs. 31 and 36.

Over high, rolling, volcanic mountains.

4.40 Ravine, course SW., 120 ft. below corner. Ascend.

16.10 Mountain spur, slopes SW., 130 ft. above ravine.

23.60 Small wash, course SW. Ascend.

40.00 Set an iron post 3 ft. long, 1 in. in dia., 24 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd:

S36	$\frac{1}{4}$	S31
1915		

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

44.00 Mountain spur, slopes SW., 190 ft. above wash. Desc.

47.80 Ravine, course SW., 30 ft. below spur. Ascend..

54.00 Spur, course SW., 70 ft. above ravine. Descend.

60.50 Small spur, slopes SW., 35 ft. below previous spur. Continue descent.

67.00 Small spur, slopes SW. Descend steep slope.

80.00 225 ft. below spur.

Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for the cor. of secs. 25, 30, 31 and 36, with brass cap mkd:

T 29 N	
R52E	R53E
S25	S30
S36	S31
1915	

Land, high, rolling, volcanic mountains with a general SW. slope.

Soil, dry, shallow and gravelly, much washed on the slopes.

Loose volcanic and quartz conglomerate rocks, 3rd and 4th rate.

Good growth sagebrush, considerable grass, weeds and other feed. Good grazing land.

North between secs. 25 and 30.

Over high, rolling mountains.

Descend to Willow creek.

3.30 Willow creek, 6 lks. wide, flows SW., 45 ft. below corner. Ascend steep S.E. ascent from Willow creek.

19.20 Top of steep ascent, bears NE. and SW., 225 ft. above creek. Ascend less steeply.

40.00 120 ft. above top of ascent on rounded spur, slopes SE.

Set an iron post 3 ft. long, 1 in. in dia., 24 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd:

S25	$\frac{1}{4}$	S30
1915		

dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

47.90 Small wash, course SE. Ascend.

80.00 210 ft. above wash.

Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for the cor. of secs. 19, 24, 25 and 30, with brass cap mkd: