

S. Boundary T. 42 N., R. 24 E.

13

Chains

- East, bet. secs. 1 and 36.  
Over rolling mountainous land. Descend 190 ft. to draw, starting on NE. slope.
- 3.00 Slope changes to SE.
- 23.50 Draw, course SE; ascend 100 ft. on SW. slope to top of ridge.
- 36.00 Ridge, bears N.30°E. and S.30°W.; descend 60 ft. on SE. slope to draw.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 19 ins. in the ground to solid rock and in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap mkd.,

S 36

 $\frac{1}{4}$ 

S 1

1915

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

August 27, 1915.

- September 3: At 3h 30m. p.m., l.m.t., I set off  $41^{\circ} 31'$  on the lat. arc and  $7^{\circ} 42' N.$  on the decl. arc and determine a meridian with the solar at the  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 36, and continue East.
- 45.00 Draw, course S. 30°E.; ascend 60 ft. on W. slope to top of ridge.
- 49.00 Ridge, bears N. and S. descend 80 ft. on SE. slope to head of draw.
- 59.00 Head of a draw, course S. 25°E.; ascend 15 ft. on SW. slope.
- 65.50 Top of ascent; descend 45 ft. on E. slope to ravine.
- 69.70 Ravine, course S.; ascend 110 ft. on NW. slope to top of ridge.
- 80.00 Ridge, bears NE. and SW.  
Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone for cor. of Ts. 41 and 42 N., Rs. 24 and 25 E., with brass cap mkd.,

T 42 N

R 24 E | R 25 E

S 36 | S 31

S 1 | S 6

T 41 N

1915

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

At this cor. the magnetic declination is  $20^{\circ} 25'E.$

From this corner, corner No. 4 of Camp Mc Garry Military Reserve bears S.  $19^{\circ} 46' E.$ , 65.17 chs. dist., the same having been found by me to be a granite stone, 25x10x. 10 ins., lying on the ground, marked 4 on bottom face, with a scattered mound of stone, apparently originally about 3 ft. base, 2 ft. high, NE. of the cor.; and having been reestablished by me on September 23 by setting at the same point an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap mkd.

C M  
COR \ M R  
NO 4

and raising a mound of stone, 4 ft. base,  $3\frac{1}{2}$  ft. high, N.  $62\frac{3}{4}^{\circ} E.$  of cor.

Land, rolling mountains. Soil, stony and rocky. Sparse sagebrush. Good grass. No timber.

Instrument not set up at noon; as it was impossible to take observation for latitude.

September 3, 1915.