

BOOK "B".

First Standard Parallel South, through Range 46 East.

Chains April 28, 1906, at 8 h. 0 m.a.m. l.m. t. I set off 37° 30' N. on lat. arc 14° 01' N. on decl. arc, and determined the true meridian with solar at the std. cor. of Tp. 4 S. ranges 45 and 46 E. heretofore described.

Thence I run
 From a point ⁵⁶2.51 ft. S. of std. cor.
 N. 89° 58' E. on secant S. of sec. 31.
 Over mountainous land. Ascending.

27.00 Ridge bears NW. and SE.
 Difference between measurements of 40.00 chs. by two sets of chainmen is 8 lks.; position for middle point
 By 1st. set, 39.96 chs.
 By 2nd. set, 40.04^{chs}; the mean of which is

40.00 At a point ¹⁵1.13 ft. N. of secant
 Set a basalt stone 14X10X6 ins. 9 ins. in the ground for std. 1/4 sec. cor., marked SC 1/4 on N. face, and raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.
 Pits impracticable.

68.50 Descend over E. slope of ridge.
 Difference between measurements of 80.00 chs. by two sets of chainmen, is 6 lks.; position for middle point
 By 1st. set, 79.97 chs.
 By 2nd. set, 80.03 chs.; the mean of which is

80.00 Set a basalt stone 14X14X4 ins. 9 ins. in the ground for std. cor. of secs. 31 and 32; marked SC on N. with 5 grooves on E. and 1 groove on W. faces, and raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.
 Pits impracticable.
 Land mountainous.
 Soil rocky, 4th. rate.
 Mountainous land, 80.00 chs.

N. 89° 58'.6 E. on secant S. of sec. 32.
 Over mountainous land.

20.00 Dry wash, course NW.