Sixth Standard Parallel North, through R. 20 E.

Chains

Dec. 9, 1912.

At 2 h. 14.7 m., a.m., l.m.t., I observe Polaris at western elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, and a peg driven in the ground, 5 chs. N. of my station.

At 8 h., a.m., l.m.t., I lay off the azimuth of Polaris 1°31' to the east and mark the meridian thus determined by cutting a small groove in the stone set Dec. 8, on which the meridian falls 0.3 ins. east of the mark determined by the solar.

At 8 h. 10 m., a.m., l.m.t., I set off 40° 29' 39" N. on the lat. arc, 22° 48' S. on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station, this mark falls 0.45 ins. east of the meridian established by the Polaris observations.

The solar apparatus by p.m. and a.m. observations, defines positions for meridians respectively about 0' 16" west and 0' 25" east of the meridian established by the Polaris observations.

The magnetic bearing of the true meridian at 8 h. 20 m., a.m., l.m.t., is 18°10' W, the angle thus determined gives the mag. decl. 18°10' E.

I destroy all traces of the old standard corner of T 31 N, Rs. 19 and 20 E, and its accessories, and re-establish it at the same point as follows.

Set an iron post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for standard corner of T 31 N, Rs. 19 and 20 E, with brass cap mkd.