

Subdivision of T. 34 N., R. 30 E.

Chain

mark determined by the solar.
 At 8^h 00^m a. m., l. m. t., I set off 40° 47' N, on the lat. arc; 7° 23' S. on the decl. arc; and mark a point in the meridian determined with the solar, by a pencil mark on the peg already set 5 chs. N. of my station; this mark falls .5 ins. west of the meridian established by the Polaris observation.
 The solar apparatus, by p. m. and a. m. observations, defines positions for meridians, respectively about 16" east and 26" west of the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.
 The magnetic bearing of the true meridian, at 8^h 15^m a. m., is N. 18° 30' W.; the angle thus determined gives the mag. decl. 18° 30' E.

Oct. 22: At 9^h 00^m a. m., l. m. t., I set off 40° 45' on the lat. arc; 11° 4½' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the S. bdy, heretofore described. Latitude at this point is 40° 45' N, long. 118° 34' W.

Thence I run
 N. 0° 1' W., bet. secs. 35 and 36.

Over rolling ascent.

8.80

Old road, bears E. and W.

33.50

Dry wash, 5 lks. wide, course S. 10° W.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for ¼ sec. cor., with brass cap mhd.;

S35 ¼ | S36

1912

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

43.40

Same wash, course S. 15° E.

80.00

Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of sec.