

SECOND STANDARD PARALLEL SOUTH, through RANGE 46 E.

CHAINS

S C 8 S on N., 45 E on W., and 46 E on E. faces, with 6 grooves on N., E. and W. faces, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Pits impracticable.

Land, rolling.

Soil, rocky, 3rd. rate.

No timber; undergrowth, greasewood.

Dense undergrowth on 80.00 chs.

October 25, 1906

SECOND STANDARD PARALLEL SOUTH, through RANGE 45 EAST.

October 26: At 7h.44m., a.m., l.m.t., I set off $37^{\circ}10'N.$, on lat. arc, $12^{\circ}14'S.$ on decl. arc, and determine a meridian with the solar, at the cor. of Tps. 8 S., Rs. 45 and 46 E., heretofore described.

Thence I run

West, on S. Bdy. of sec. 36.

Descend over rolling land, through dense undergrowth.

Difference bet. measurement of 40.00 chs., by two sets of chainmen is 4 lks., position of middle point

By 1st. set, 40.02 chs.,

By 2nd. set, 39.98 chs., the mean of which is

40.00

Set a basalt stone, 15x8x6 ins., 10 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked S C $\frac{1}{4}$ on N. face, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Pits impracticable.

Difference between measurement of 80.00 chs., by two sets of chainmen is 6 lks., position of middle point

By 1st. set, 80.03 chs.,

By 2nd. set, 79.97 chs., the mean of which is

80.00

Set a basalt stone, 15x9x6 ins., 10 ins. in the ground, for standard cor. of secs. 35 and 36, marked S C on N., with 1 groove on E. and 5 grooves on W. faces, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.