

THIRD STANDARD PARALLEL SOUTH, through RANGE 53 EAST.

CHAINS

~~of stone, 2 ft. base, 1 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.

East, on S. bdy. of sec. 33.

~~Descend over rolling land, through dense undergrowth.~~

~~difference between 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, 12x12x7 ins., 8 ins. in the ground, for standard 1/4 sec. cor., marked S C 1/4 on N. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Pits impracticable.

72.00 Wash, 1.00 ch. wide, 10 ft. deep, course SE.

Difference between measurement of 80.00 chs., by two sets of chainmen is 12 lks., position of middle point

By 1st. set, 80.06 chs.,

By 2nd. set, 79.94 chs., the mean of which is

80.00 Set a basalt stone, 12x12x10 ins., 8 ins. in the ground, for standard cor. of secs. 33 and 34, marked S C on N., with 3 grooves on E. and W. faces, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

~~Pits impracticable.~~

Land, rolling.

Soil, sandy and rocky, 3rd. rate.

No timber; undergrowth, greasewood.

Dense undergrowth on 80.00 chs.

October 27: At this cor. I set off 12°40'S., on decl. arc, and at 11h.44m., a.m., l.m.t., observe the sun on the meridian, the resulting lat. is 36°48'N.

See Corrective Notes, Book F of 3 [p. 293]