

## CORRECTIVE NOTES OF

THE THIRD STANDARD PARALLEL SOUTH, through RANGE 53 EAST.

## CHAINS

The solar apparatus, by pm and a.m. observations, defines positions for meridians, respectively about 0'26" west and east 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 8h.30m., a.m., is N.16°23'W., the angle thus determined gives the mag. decl. 16°23'E.

From the Standard Corner heretofore described, I run  
East, on the S. bdy. of sec. 32.

Difference between measurement of 40.00 chs. by two sets of chainmen is 16 lks., position of middle point by the  
1st. set, 39.92 chs.

2nd. set, 40.08 chs., the mean of which is

40.00 The standard  $\frac{1}{4}$  sec. cor., described in original field notes.

47.00 Foot of abrupt descent, bears N. and S.

Descend over rolling land, through dense undergrowth.

79.00 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, 79.94 chs.,

By 2nd. set, 80.06 chs., the mean of which is

80.00 The original standard corner of secs. 32 and 33, bears E. 1.06 chs.

Set original stone, a basalt stone, 12x10x6 ins., 8 ins.

in the ground, for standard cor. of secs. 32 and 33,

marked SC on N., with 2 grooves on W. and 4 grooves on E.

faces, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,

N. of cor.

Pits impracticable.

I destroy all traces of the original cor.

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For orig. Field Notes see Bk A p 32 [p 38]