

9th Standard Parallel North
Through Range 50 E.

Chains

By 1st set 39.99 chs.

By 2nd set 40.01 chs., mean of which is

40.00 Set an iron post, 3 ft. long, 1 in. in dia., with brass cap, 26 ins. in the ground for standard $\frac{1}{4}$ sec. cor. mkd.

S C $\frac{1}{4}$ S 36 in N. half
1911 in S. half
D V I R in N.

Dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Difference in measurements of 80.00 chs. by two sets of chainmen is 2 lks., position of middle point

By 1st set 79.99 chs.

By 2nd set 80.01 chs., the mean of which is

80.00 Set an iron post, 3 ft. long, 3 ins. in dia., with brass cap, 26 ins. in the ground for S.C. of T. 46 N. Rgs. 50 and 51 E., marked on cap

T 46 N R 51 E S 31 in NE. quadrant
R 50 E S 36 in NW. quadrant
S C on N. edge and 1911 on S.
D V I R in N.
6 notches on N., E. and W. edges

Dig pits 24x18x12 ins., crosswise on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Land, rolling plateau. Sage brush, 80.00 chs.
Soil, 3rd rate, stony.
No timber.

July 1, 1911.

Through Range 51 E.

July 3, 1911: At 8 a.m., l.m.t., I set off 41° 51' on the lat. arc and 23° 02 $\frac{1}{2}$ ' N. on the decl. arc and determine a meridian with the solar at the S.C. of T. 46 N. Rgs. 50 and 51 E.

Thence I run

East along S. bdy. sec. 31 etc

Over rolling sage brush prairie.

13.78 Low ridge, brs. N. and S.