

## Chains

July 16, 1915: At 12h 00m., noon, apparent time, I set off  $21^{\circ} 28' N.$ , on the decl. arc and observe the sun on the meridian for latitude at the cor. of secs. 10, 11, 14 and 15. The resulting latitude is  $39^{\circ} 37\frac{1}{2}' N.$

40.00

N.  $0^{\circ} 01' W.$  bet. secs. 10 and 11.

Along sage brush plain.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor. with brass cap mkd.,

S10 $\frac{1}{2}$  | S11

1915

80.00

Dig pits, 18x18x12ins, N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of corner.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass cap mkd.,

T20N | R49E

S3 | S2

S10 | S11

1915

Dig pits, 18x18x12ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, almost level plain.

Soil, sandy loam with quantities of pebbles.

Undergrowth, heavy sage brush, some greasewood. Scanty bunch grass.

40.00

79.94

S.  $89^{\circ} 59' E.$  on a random line bet. secs. 2 and 11.

Set temp.  $\frac{1}{2}$  sec. cor.

Intersect N. and S. line at 2 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence I run

N.  $89^{\circ} 58' W.$  on a true line bet. secs. 2 and 11.

Along sage brush plain.

39.97

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., with brass cap mkd.,

S 2 $\frac{1}{2}$

S 11

1915

79.94

Dig pits, 18x18x12ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of corner.

The cor. of secs. 2, 3, 10 and 11.

Land, level.

Soil, sandy loam with quantities of pebbles. Compact sub base.

Undergrowth, bunch and rye grass.

12.50

N.  $0^{\circ} 01' W.$  bet. secs. 2 and 3.

Along level plain.

Intersect 4th Standard Parallel N. 23.57 chs. E. of Standard cor. of secs. 34 and 35, T. 21 N., R. 49 E.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for closing corner of secs. 2 and 3, with brass cap mkd.,