

2297
Book E

771

BOOK 2297

FIELD NOTES

OF THE SURVEY OF THE

2297

Subdivision Lines of T. N. R. 16 W.

2297

2297

Of the *Good* Meridian,

In the State of *Territory of Arizona*

EXECUTED BY

Israel Wright

In the capacity of U. S. Surveyor, under instructions dated *Sept 16, 1910*,
issued by the United States Surveyor General to govern surveys included in
Group No. *9*, which were approved by the Commissioner of the General Land
Office, *Sept 28*, 1910, pursuant to authority contained in the Act of
Congress dated *February 27, 1911*

2297

Survey commenced *Dec 13*, 1910

Survey completed *Dec 19*, 1910

2297

12A

For Oaths, see Book B.

BOOK 2297

INDEX DIAGRAM.

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Note:

For Boundaries see (Book A. Group 10)

Chains.

Survey commenced Dec. 13, 1910, and executed with a W. & L. E. Gurley light mountain transit, special make, unnumbered, with Burt's patent solar attachment. The horizontal limb of the instrument is provided with two double verniers, placed opposite to each other, and each reading to 1' of arc, which is also the least reading of the verniers of the latitude and declination arcs.

At the cor. of secs. 1, 2, 35 & 36, on the south bdy. of the Tp., as established by me, and heretofore described, I examine and test carefully all the adjustments of the transit and solar attachment, and finding all parts of the instrument in correct and accurate adjustment as to tests; then,

in order to test the solar apparatus, by comparing the results of observations on the sun, for meridian, made during p.m. & a.m. hours, respectively, with a true meridian determined by Polaris observation,

I proceed as follows :-

At 4h 15m p.m., l.m.t., at the cor. above described, in lat. $35^{\circ} 35' 47''$ N., long. $113^{\circ} 56' 59''$ W.,

I set off $23^{\circ} 5'$ S. on the decl. arc, and $35^{\circ} 36'$ N. on the lat. arc, and determine a meridian with the solar, and mark a point in the meridian thus determined by a tack in a stake driven firmly in the ground 5 chs. N. of my station. Dec. 13, 1910.

Dec. 14, 1910./

At 1h 56m a.m., l.m.t., I observe Polaris at W. elongation, in accordance with instructions in the "manual", and mark the line thus determined by a tack in a stake driven firmly in the ground 6 chs. N. of my station.

At 8h a.m., l.m.t., I set off the azimuth of Polaris, $1^{\circ} 26'$ to the East, and mark the true meridian thus determined by a tack in the stake 5 chs. N. of my station, which point falls .48 ins. E. of the point as determined by the solar on the preceding evening.

At 8h 30m a.m., l.m.t., I set off $23^{\circ} 9'$ S. on the decl. arc, and $35^{\circ} 36'$ N. on the lat. arc, and determine a meridian with the solar, and mark a point in the meridian thus determined by a tack in the stake 5 chs. N. of my station, which point falls .35 ins. E. of the point in the meridian determined by Polaris observation.

The solar apparatus, by p.m. & a.m. hours observations; defines positions for meridians, about $25''$ W., and $19''$ E., respectively, of the true meridian as determined by Observation of Polaris.

These small errors being no more than the usual errors of observation with solar instruments, I conclude that my instrument is in satisfactory adjustment.

The magnetic bearing of the true meridian at 8h 30m a.m., is N. $15^{\circ} 25'$ W.; the angle thus determined gives the magnetic declination as $15^{\circ} 25'$ E.

From the cor. above described,

I run, as per instructions ;

Chains

N. 0° 1' W., bet. secs. 35 & 36. Var. 15° 25' E.
 Over gently undulating plain, through dense, low sage
 brush, and coarse bunch grass. Loose, sandy, soil.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 35 in W., and
 S. 36 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 25, 26, 35 & 36,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 26 in NW.,
 S. 25 in NE.,
 S. 36 in SE., and
 S. 35 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level, slightly undulating valley.
 Soil, 2nd rate, loose, sandy, moist.
 No timber in this valley.
 Undergrowth, dense, low sage brush. Coarse bunch grass.

S. 39° 56' E., on a random line, bet. secs. 25 & 36.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect E. bdy. of Tp. at point 2 lks. N. of cor. of
 cor. of secs. 25, 30, 31 & 36, whence I run,
 N. 39° 55' W., on a true line, bet. secs. 25 & 36.
 Over level valley.
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 25 in N., and
 S. 36 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 79.96 To cor. of secs. 25, 26, 35 & 36.
 Land, level.
 Soil, 2nd rate, loose, moist, sandy loam.
 Scattering sage brush. Good bunch grass.

N. 0° 1' W., bet. secs. 25 & 26.
 Over level plain.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 26 in W., and
 S. 25 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 53.90 Road, brs. NE. & SW.
 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 23, 24, 25 & 26,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 23 in NW.,
 S. 24 in NE.,
 S. 25 in SE., and
 S. 26 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, loose, moist, sandy loam, some gravel.
 Scattering sage brush, coarse, heavy bunch grass.

Chains.

- The cor. of secs. 19, 24, 25 & 30, on E. bdy. of Tp., on which I have left a flag is plainly visible, and
 brs. S. 39°55' E., therefore I run,
 S. 89°55' E., on a random line, bet. secs. 24 & 25.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect E. bdy. of Tp. at cor. of secs. 19, 24, 25 & 30, whence I run,
 N. 39°55' W., on a true line, bet. secs. 24 & 25.
 Over level valley.
- 39.97 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 24 in N., and
 S. 25 in S. half,
 dig pits 18x18x12 ins. E. & 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 cor.
- 43.87 Road, brs. NE. & SW.
- 79.94 To cor. of secs. 23, 24, 25 & 26.
 Land, level.
 Soil, 2nd rate, sandy loam.
 Scattering sage brush. good bunch grass.

- N. 0° 1' W., bet. secs. 23 & 24.
 Over level valley.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 23 in W., and
 S. 24 in E. half,
 dig pits 18x18x12 ins. N. & 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 cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 14, 23 & 24, marked on brass cap,
 T. 26 N. R. 16 W. in N. half,
 S. 14 in NW.,
 S. 13 in NE.,
 S. 24 in SE., and
 S. 23 in SW. quadrants,
 dig pits 18x18x12 ins. 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, level.
 Soil, 2nd rate, sandy, loose, moist.
 Sparse sage brush. Grass, fair.

- S. 89°55' E., on a random line, bet. secs. 13 & 24.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 79.92 Intersect E. bdy. of Tp. at point 2 lks. N. of cor. of secs. 13, 13, 19 & 24, whence I run,
 N. 39°54' W., on a true line, bet. secs. 13 & 24.
 Over level plain.
- 39.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 13 in N., and
 S. 24 in S. half,
 dig pits 18x18x12 ins. E. & W. of cor. 5 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 79.92 To cor. of secs. 13, 14, 23 & 24.
 Land, level.
 Soil, 2nd rate, sandy loam, with some gravel.
 Scattering sage brush. good bunch grass. ✓
 At this cor. at apparent noon I set off 23°11' S. on the dec. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 38 $\frac{1}{2}$ ' N. ✓

Chains.

- N. 0° 1' W., bet. secs. 13 & 14.
Over level valley.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam, 24 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 14 in W., and S. 13 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 11,12,13 & 14, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 11 in NW., S. 12 in NE., S. 13 in SE., and S. 14 in SW. quadrants, dig pits 13x13x12 ins. in each secs. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, 2nd rate, sandy loose, some gravel. Drains W. Sparse sage brush. Grass fair.
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- S. 39° 54' E., on a random line, bet. secs. 12 & 13.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect E. bdy. of Tp. at point 3 lks. N. of cor. of secs. 7,12,13 & 13, whence I run, N. 89° 53' W., on a true line, bet. secs. 12 & 13. Over gently rolling land, desc. grad., through greasewood.
- 7.10 Wash, 30 lks. wide, course SW.
- 25.40 Main road, brs. NNW. & SSE.
- 39.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 12 in N., and S. 13 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
- 50.60 Wash 30 lks. wide, course WSW. Leave greasewood, brs. NE. & SW.
- 79.90 To cor. of secs. 11,12,13 & 14. Land, gently rolling. Soil, 2nd rate, sandy, gravelly. Greasewood, sage brush. Grass fair.
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- N. 0° 1' W., bet. secs. 11 & 12.
Over gently undulating plain.
- 15.18 Wash, 10 lks. wide, course SW.
- 21.19 Wash, 5 lks. wide, course W.
- 31.09 Main road, brs. NW. & SE.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 11 in W., and S. 12 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
- 53.33 Wash, 10 lks. wide, course SW.
- 66.33 Wash, 5 lks. wide, course WSW. Enter greasewood, ESE. & WNW.
- 80.00 Set an iron post 3 ft. long, 2 ins. in dian. 24 ins. in the ground for cor. of secs. 1,2,11 & 12, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 2 in NW., S. 1 in NE., S. 12 in SE., and S. 11 in SW. quadrants, dig pits 13x13x12 ins. 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, level, gently rolling. Soil, 2nd rare, sandy, gravelly. loose. Sparse sage brush, greasewood. Grass fair.

Chains.

- S. 39°53' E., on a random line, bet. secs. 1 & 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect E. bdy. of Tp. at pt. 5 lks. S. of cor. of
 secs. 1, 6, 7 & 12, whence I run,
 N. 39°55' W., on a true line, bet. secs. 1 & 12.
 Over mts. land, asc. steep.
 4.00 Top of spur, brs. N. & S. desc.
 25.00 Foot of main slope of mts. brs. N. & S., desc. grad.,
 through dense greasewood.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap,
 $\frac{1}{4}$ S. 1 in N., and
 S. 12 in S. half,
 dig pits 18x18x12 ins. E. & 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 cor.
 76.00 Old road, brs. NNW. & SSE.
 80.00 To cor. of secs. 1, 2, 11 & 12.
 Land, mts., rolling.
 Soil, 2nd rate, stony, gravelly, sandy.
 Greasewood, sage brush, few cacti. Good grazing.

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- N. 0° 1' W., on a random line, bet. secs. 1 & 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.93 Intersect N. bdy. of Tp. at cor. of secs. 1, 2, 35 & 36,
 whence I run,
 S. 0° 1' E., on a true line, bet. secs. 1 & 2.
 Over broken, rolling land.
 19.30 Wash, 120 lks. wide, course SW.
 26.15 Wash, 50 lks. wide, course WSW.
 39.93 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 2 in W., and
 S. 1 in E. half,
 dig pits 18x18x12 ins. N. & 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 cor.
 43.70 Wash, 50 lks. wide, course SW.
 75.20 Old road, brs. NNW. & SSE.
 79.93 To cor. of secs. 1, 2, 11 & 12.
 Land, rolling, broken.
 Soil, sandy, gravelly, 2nd rate.
 Scattering reasewood, sage brush. Grass, fair,
 Dec. 14, 1910.

Chains. Dec. 15, 1910.
 At 3h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35,
 on the S. bdy. of the Tp.
 I set off 25° 11½' S. on the decl. arc, and 35° 36' N. on the
 lat. arc, and determine a true meridian with the solar,
 Thence I run,
 N. 0° 1' W., bet. secs. 34 & 35.
 Over level valley.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap,
 ¼ S. 34 in W., and
 S. 35 in E. half,
 dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.

74.00 Old road, brs. NE. & SW.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 26, 27, 34 & 35,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 27 in NW.,
 S. 26 in NE.,
 S. 35 in SE., and
 S. 34 in SW. quadrants,
 dig pits 13x13x12 ins. in each sec. 5½ ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level.
 Soil, 2nd rate, sandy, loose, loamy.
 Sparse sage brush. Good bunch grass.

S. 89° 56' E., on a random line, bet. secs. 26 & 35.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect Cor. of secs. 25, 26, 35 & 36, whence I run,
 N. 89° 56' W., on a true line bet. secs. 26 & 35.
 Over level valley, heavy bunch grass.

39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap,
 ¼ S. 26 in N., and
 S. 35 in S. half,
 dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

76.00 Old road, brs. NE. & SW.

79.96 To cor. of secs. 26, 27, 34 & 35.
 Land, level.
 Soil, 2nd rate, sandy, gravelly.
 Sparse sage brush. Coarse, dense bunch grass.

N. 0° 1' W., bet. secs. 26 & 27.
 Over gently undulating plain, coarse, dense bunch grass.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap,
 ¼ S. 27 in W., and
 S. 26 in E. half,
 dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist.,
 raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in
 the ground for cor. of secs. 22, 23, 26 & 27,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 22 in NW.,
 S. 23 in NE.,
 S. 26 in SE., and
 S. 27 in SW. quadrants,
 dig pits 13x13x12 ins. in each sec. 5½ ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level, gently undulating.
 Soil, 2nd rate, sandy, gravelly, loose.
 Sparse sage brush, coarse, heavy bunch grass.

Chains.

- S. 39°56' E., on a random line, bet. secs. 23 & 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. & S. line, at point 7 lks. N. of cor. of
 secs. 23, 24, 25 & 26, whence I run,
 N. 39°53' W., on a true line bet. secs. 23 & 26.
 Over level, or gently undulating land.
 39.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 23 in N., and
 S. 26 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 79.90 To cor. of secs. 22, 23, 26 & 27.
 Land, level.
 Soil, 2nd rate, sandy, gravelly.
 Sparse sage brush. Good bunch grass.

- N. 0° 1' W., bet. secs. 22 & 23.
 Over level valley, through scattering sage brush, and
 bunch grass, loose, sandy loam.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 22 in W., and
 S. 23 in E. half,
 dig pits 13x13x12 ins. N. & S. 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 cor.
 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 14, 15, 22 & 23,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 15 in NW.,
 S. 14 in NE.,
 S. 23 in SE., and
 S. 22 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, sandy, gravelly, loose.
 Scattering sage brush. Good bunch grass.

- S. 39°53' E., on a random line, bet. secs. 14 & 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. & S. line at point $2\frac{1}{2}$ lks. S. of cor. of
 secs. 13, 14, 23 & 24, whence I run,
 N. 39°54' W., on a true line, bet. secs. 14 & 23.
 Over level valley.
 39.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 14 in N., and
 S. 23 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 79.92 To cor. of secs. 13, 14, 23 & 24.
 Land, level, drains NW.
 Soil, 2nd rate, sandy, loamy, some gravel.
 Sparse sage brush. Good native bunch grass.
 At this cor. at apparent noon I set off 23°14' S. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 33' N.

Chains.

- N. 0° 1' W., bet. secs. 14 & 15.
Over level valley.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 15 in W., and $\frac{1}{4}$ S. 14 in E. half, dig pits 18x13x12 ins. N. & 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 cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 10 in NW., S. 11 in NE., S. 14 in SE., and S. 15 in SW. quadrants, dig pits 13x13x12 ins. 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, level, gently undulating.
Soil, 2nd rate, sandy, loose.
Sparse sage brush. Good bunch grass.
-
- S. 89° 54' E., on a random line, bet. secs. 11 & 14.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. & S. line at point 2 lks. N. of cor. of secs. 11, 12, 13 & 14, whence I run, N. 89° 53' W., on a true line, bet. secs. 11 & 14.
Over level or slightly undulating valley.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 11 in N., and $\frac{1}{4}$ S. 14 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
- 80.04 To cor. of secs. 10, 11, 14 & 15.
Land, level, gently undulating.
Soil, 2nd rate, sandy, some gravel. Loose.
Scattering sage brush. Grass, fair.
-
- N. 0° 1' W., bet. secs. 10 & 11.
Over level valley.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 10 in W., and $\frac{1}{4}$ S. 11 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
- 71.37 Main road, brs. NW. & SE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 2, 3, 10 & 11, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 3 in NW., S. 2 in NE., S. 11 in SE., and S. 10 in SW. quadrants, dig pits 13x13x12 ins. 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, level.
Soil, 2nd rate, sandy loam, heavy in places with a little clay and gravel.
Sparse sage brush. Good native grass.

Chains.

- S. $39^{\circ}53'$ E. on a random line, bet. secs. 2 & 11.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.90 Intersect N. & S. line at point 7 lks. S. of cor. of
secs. 1, 2, 11 & 12, whence I run,
N. $39^{\circ}56'$ W., on a true line, bet. secs. 2 & 11.
Over gently undulating valley.
39.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 2 in N., and
S. 11 in S. half,
dig pits 13x13x12 ins. E. & 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 cor.
53.70 Wash, 15 lks. wide, course SW.
79.90 To cor. of secs. 2, 3, 10 & 11.
Land, level, gently undulating.
Soil, 2nd rate, sandy, some gravel, loose. dry.
Sparse sage brush. Good grazing.
-

- N. $0^{\circ}1'$ W., bet. secs. 2 & 3.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect N. bdy. of Tp. at a point 12 lks. E. of cor. of
secs. 2, 3, 34 & 35, whence I run,
S. $0^{\circ}6'$ E., on a true line, bet. secs. 2 & 3.
Over gently undulating plain.
5.00 Wash, 30 lks. wide, course SW.
9.00 Old road, brs. NE. & SW.
39.92 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 3 in W., and
S. 2 in E. half,
dig pits 13x13x12 ins. N. & 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 cor.
77.00 Wash, 30 lks. wide, course SW.
79.92 To cor. of secs. 2, 3, 10 & 11.
Land, level, undulating.
Soil, 2nd rate, sandy, gravelly, loose, dry.
Sparse sage brush, greasewood. Fair grazing.

Dec. 15, 1910.

- Chains. Dec. 16, 1910.
 At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,
 on the S. bdy. of Tp.
 I set off $23^{\circ}14\frac{1}{2}'$ S. on the decl. arc, and $35^{\circ}36'$ N. on the
 lat. arc, and determine a true meridian With the solar.
 Thence I run,
 N. $0^{\circ}2'$ W., bet. secs. 33 & 34.
 Over gently rolling plain, coarse, dense bunch grass, soil
 loose, sandy. Sparse sage brush.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 33 in W., and
 S. 34 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 27, 23, 33 & 34,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 23 in NW.,
 S. 27 in NE.,
 S. 34 in SE., and
 S. 33 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level, gently rolling.
 Soil, 2nd rate, good, loose, sandy loam.
 Sparse sage brush. Good bunch grass.
-
- S. $39^{\circ}56'$ E., on a random line, bet. secs. 27 & 34.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 30.04 Intersect N. & S. line at point 5 lks. N. of cor. of
 secs. 26, 27, 34 & 35, whence I run,
 N. $39^{\circ}54'$ W., on a true line, bet. secs. 27 & 34.
 Over gently undulating plain. Coarse, dense bunch grass.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 27 in N., and
 S. 34 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
- 30.04 To cor. of secs. 27, 23, 33 & 34.
 Land, gently undulating.
 Soil, 2nd rate, good, loose, sandy loam.
 Sparse sage brush. Heavy bunch grass.
-
- N. $0^{\circ}2'$ W., bet. secs. 27 & 23.
 Over level plain.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 23 in W., and
 S. 27 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 21, 22, 27 & 23,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 21 in NW.,
 S. 22 in NE.,
 S. 27 in SE., and
 S. 23 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, heavy, sandy loam.
 Sparse sage brush. Good bunch grass.

Subdivision of T. 26 N., R. 16 W.

Chains

40.00 S. 39°54' E., on a random line, bet. secs. 22 & 27.
Set temp. 1/4 sec. cor.

30.03 Intersect N. & S. line at a point 2 1/2 lks. N. of cor. of
secs. 22, 23, 27 & 28, whence I run,
N. 39°53' W., on a true line, bet. secs. 22 & 27.
Over level land.

40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor., marked on brass cap,
1/4 S. 22 in N., and
S. 27 in S. half,
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

30.03 To cor. of secs. 21, 22, 27 & 28.
Land, level.
Soil, 2nd rate, heavy sandy loam.
Sparse sage brush, good native bunch grass.

N. 0° 2' W., bet. secs. 21 & 22.
Over level valley.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor., marked on brass cap,
1/4 S. 21 in W., and
S. 22 in E. half,
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 15, 16, 21 & 22,
Marked on brass cap,
T. 26 N., R. 16 W. in N. half,
S. 16 in NW.,
S. 15 in NE.,
S. 22 in SE., and
S. 21 in SW. quadrants,
dig pits 13x13x12 ins. in each sec. 5 1/2 ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level.
Soil, 2nd rate, sandy, heavy. moist.
Sparse sage brush. good bunch grass.

S. 39°53' E., on a random line, bet. secs. 15 & 22.

40.00 Set temp. 1/4 sec. cor.

30.12 Intersect N. & S. line at point 3 lks. S. of cor. of
secs. 14, 15, 22 & 23, whence I run,
N. 39°54' W., on a true line, bet. secs. 15 & 22.
Over level plain.
Sparse bunch grass, good native grass.

32.00 Wash, 40 lks. wide, course NNW.

40.06 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor., marked on brass cap,
1/4 S. 15 in N., and
S. 22 in S. half,
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

30.12 To cor. of secs. 15, 16, 21 & 22.
Land, level.
Soil, 2nd rate, heavy sandy loam.
Sparse sage brush. Good native grass.
At this cor., at noon, clouds obscure the sun, impracticable
to observe lat.

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Chains N. 0° 2' W., bet. secs. 15 & 16.
 Over level plain. Sparse grass, heavy sandy loam,
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 16 in W., and
 S. 15 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 9, 10, 15 & 16,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 9 in NW.,
 S. 10 in NE.,
 S. 15 in SE., and
 S. 16 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, good, heavy sandy loam, some clay.
 underlaid with calcareous sedimentary conglomerate,
 Sparse sage brush and bunch grass.

S. 39° 54' E., on a random line, bet. secs. 10 & 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 30.14 Intersect N. & S. line at a point 2 lks. S. of cor. of
 Secs. 10, 11, 14 & 15, whence I run,
 N. 39° 55' W., on a true line, bet. secs. 10 & 15.
 Over level valley.
 40.07 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 10 in N., and
 S. 15 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 30.14 To cor. of secs. 9, 10, 15 & 16.
 Land, level.
 Soil, 2nd rate, heavy sandy loam. some clay.
 underlaid with calcareous conglomerate.
 Sparse sage brush and bunch grass.

N. 0° 2' W., bet. secs. 9 & 10.
 Over level valley.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 9 in W., and
 S. 10 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 3, 4, 9 & 10,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 4 in NW.,
 S. 3 in NE.,
 S. 10 in SE., and
 S. 9 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, heavy sandy loam, underlaid with
 calcareous gravel. some clay.
 Sparse sage brush and native bunch grass.

Chains.

S. 89°55' E., on a random line, bet. secs. 3 & 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 30.16 Intersect N. & S. line at point $\frac{1}{2}$ lk. N. of cor. of
 secs. 2, 3, 10 & 11, whence I run,
 N. 89°55' W., on a true line, bet. secs. 3 & 10.
 Over level plain.
 .30 Wash, 12 lks. wide, course SW.
 14.50 Main road, brs. NW. & SE.
 40.03 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 3 in N., and
 S. 10 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 30.16 To cor. of secs. 3, 4, 9 & 10.
 Land, level.
 Soil, 2nd rate, heavy sandy loam.
 Sparse sage brush and bunch grass.

N. 0° 6' W., on a random line, bet. secs. 3 & 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. bdy. of Tp. at point 9 lks. W. of cor. of
 secs. 3, 4, 33 & 34, whence I run,
 S. 0° 2' E., on a true line, bet. secs. 3 & 4.
 Over level, or slightly undulating plain.
 39.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 4 in W., and
 S. 3 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 43.00 Main road, brs. NW. & SE.
 79.90 To cor. of secs. 3, 4, 9 & 10.
 Land, level.
 Soil, 2nd rate, heavy sandy loam.
 Sparse bunch grass and native grass, and sage brush.
 Dec. 16, 1910.

- Chains. Dec. 17, 1910.
At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33,
on the S. bdy. of Tp.,
I set off 35° 36' N. on the lat. arc, and 25° 17' S. on the
decl. arc, and determine a true meridian with the solar.
Thence I run,
N. 0° 3' W., bet. secs. 32 & 33.
Over level open plain, sparse sage brush, and bunch grass.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 32 in W., and
S. 33 in E. half,
dig pits 13x13x12 ins. N. & 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 cor.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 28, 29, 32 & 33,
marked on brass cap,
T. 26 N., R. 16 W. in N. half,
S. 29 in NW.,
S. 28 in NE.,
S. 33 in SE., and
S. 32 in SW. quadrants,
dig pits 13x13x12 ins. 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, level.
Soil, 2nd rate, sandy, loam. heavy., moist in places.
Sparse sage brush, and native grasss.
-
- S. 39° 56' E., on a random line, bet. secs. 23 & 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Intersect cor. of secs. 27, 28, 33 & 34, whence I run,
N. 39° 56' W., on a true line, bet. secs. 23 & 33.
Over gently undulating plain, loose, sandy soil.
- 40.03 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 23 in N., and
S. 33 in S. half,
dig pits 13x13x12 ins. E. & 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 cor.
- 80.06 To cor. of secs. 23, 29, 32 & 33.
Land, undulating, level.
Soil, 2nd rate, loose, sandy loam.
Sparse sage brush. Grass, fair.
-
- N. 0° 3' W., bet. secs. 23 & 29.
Over gently undulating plain, sparse sage brush. sandy soil.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 29 in W., and
S. 23 in E. half,
dig pits 13x13x12 ins. N. & 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 cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for cor. of secs. 20, 21, 23 & 29,
marked on brass cap,
T. 26 N., R. 16 W. in N. half,
S. 20 in NW.,
S. 21 in NE.,
S. 23 in SE., and
S. 29 in SW. quadrants,
dig pits 13x13x12 ins. 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, level, gently undulating.
Soil, 2nd rate, loose, sandy.
Sparse sage brush. Coarse, heavy bunch grass in places.

Chains.

- S. 39°56' E., on a random line, bet. secs. 21 & 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect N. & S. line at point 2 lks. S. of cor. of
 secs. 21, 22, 27 & 23, whence I run,
 N. 39°57' W., on a true line, bet. secs. 21 & 23.
 Over level valley.
 40.06 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 21 in N., and
 S. 23 in S. half,
 dig pits 18x18x12 ins. E. & 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 cor.
 80.12 To cor. of secs. 20, 21, 23 & 29.
 Land, level.
 Soil, 2nd rate, sandy, heavy.
 Scattering sage brush, good native grass.

- N. 0° 3' W., bet. secs. 20 & 21,
 Over level valley, through dense, low sage brush, and
 coarse, heavy bunch grass.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 20 in W., and
 S. 21 in E. half,
 dig pits 18x18x12 ins. N. & 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 cor.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 16, 17, 20 & 21,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 17 in NW.,
 S. 16 in NE.,
 S. 21 in SE., and
 S. 20 in SW. quadrants,
 dig pits 18x18x12 ins. 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, level,
 Soil, 2nd rate, sandy.
 Sage brush, and heavy bunch grass.

- S. 39°57' E., on a random line, bet. secs. 16 & 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
 80.16 Intersect N. & S. line at point 5 lks. N. of cor. of
 secs. 15, 16, 21 & 22, whence I run,
 N. 39°55' W., on a true line, bet. secs. 16 & 21.
 Over level open plain, through scattering bunch grass.
 40.03 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 16 in N., and
 S. 21 in S. half,
 dig pits 18x18x12 ins. E. & 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 cor.
 80.16 To cor. of secs. 16, 17, 20 & 21.
 Land, level.
 Soil, 2nd rate, heavy, sandy.
 Sparse bunch grass.
 At this cor. at apparent noon I set off 23°20' S. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35°33' N.

Chains.

- N. 0° 3' W., bet. secs. 16 & 17.
Over level valley, through sparse bunch grass.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 17 in W., and S. 16 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 8 in NW., S. 9 in NE., S. 16 in SE., and S. 17 in SW. quadrants, dig pits 13x13x12 ins. 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, level.
Soil, 2nd rate, heavy, sandy loam .
Sparse sage brush, and bunch grasss.

- S. 39° 55' E., on a random line, bet. secs. 9 & 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect cor. of secs. 9, 10, 15 & 16, whence I run,
N. 39° 55' W., on a true line, bet. secs. 9 & 16.
Over level valley, sparse grass.
- 40.03 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 9 in N., and S. 16 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
- 80.16 To cor. of secs. 8, 9, 16 & 17.
Land, level.
Soil, 2nd rate, heavy, sandy loam.
Sparse sage brush and bunch grass.

- N. 0° 3' W., bet. secs. 3 & 9.
Over level valley, sparse bunch grass.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 3 in W., and S. 9 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8 & 9, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 5 in NW., S. 4 in NE., S. 9 in SE., and S. 8 in SW. quadrants, dig pits 13x13x12 ins. 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, level.
Soil, 2nd rate, sandy, heavy.
Sparse sage brush, and bunch grass.

Chains.

- S. $39^{\circ}55'$ E., on a random line, bet. secs. 4 & 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect cor. of secs. 3, 4, 9 & 10, whence I run,
 N. $39^{\circ}55'$ W., on a true line, bet. secs. 4 & 9.
 Over level plain, sparse sage brush and bunch grass.
 40.07 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 4 in N., and
 S. 9 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 80.14 To cor. of secs. 4, 5, 8 & 9.
 Land, level.
 Soil, 2nd rate, stiff, sandy loam, with some clay.

- N. $0^{\circ}3'$ W., on a random line, bet. secs. 4 & 5.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. bdy. of Tp. at point 7 lks. W. of cor. of
 secs. 4, 5, 32 & 33, whence I run,
 South, on a true line, bet. secs. 4 & 5.
 Over level plain. sparse grass.
 39.92 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 5 in W., and
 S. 4 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 79.92 To cor. of secs. 4, 5, 8 & 9.
 Land, level.
 Soil, 2nd rate, stiff, sandy loam, some clay. moist.
 Sparse bunch grass.

Dec. 17, 1910.

Chains. Dec. 18, 1910.
 at 3h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32,
 on the S. bdy. of Tp.
 I set off $23^{\circ}19'$ S. on the decl. arc, and $35^{\circ}36'$ N. on the
 lat. arc, and determine a true meridian with the solar.
 Thence I run,
 N. $0^{\circ}3'$ W., bet. secs. 31 & 32.
 Over gently undulating plain, loose, sandy loam,
 coarse bunch grass, and scattering sage brush.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 31 in W., and
 S. 32 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 44.00 Sand knoll, brs. E. & W.
 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 29, 30, 31 & 32,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 30 in NW.,
 S. 29 in NE.,
 S. 32 in SE., and
 S. 31 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, sandy, loamy.
 Sparse sage brush. Good bunch grass.

S. $39^{\circ}56'$ E., on a random line, bet. secs. 29 & 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect cor. of secs. 23, 29, 32 & 33,
 whence I run,
 N. $39^{\circ}56'$ W., on a true line, bet. secs. 29 & 32.
 Over level plain, dense, low sage brush.
 59.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 29 in N., and
 S. 32 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 79.90 To cor. of secs. 29, 30, 31 & 32.
 Land, level.
 Soil, 2nd rate, sandy, loose.
 Sparse grass, dense low sage brush.

N. $39^{\circ}56'$ W., on a random line, bet. secs. 30 & 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.25 Intersect. W. bdy. of Tp. at a point 2 lks. N. of cor. of
 secs. 25, 30, 31 & 36, whence I run,
 S. $39^{\circ}57'$ E. on a true line, bet. secs. 30 & 31,
 Over level plain. sparse grass, scattering sage brush,
 39.25 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 30 in N., and
 S. 31 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 79.25 To cor. of secs. 29, 30, 31 & 32.
 Land, level.
 Soil, 2nd rate, stiff, heavy sandy loam, with some clay;
 underlaid with calcareous gravel.
 Sparse sage and bunch grass.

Clouds obscure the sun at noon on this date.
 Impracticable to observe the latitude.

Subdivision of T. 26 N., R. 16 W.

Chains.

N. 0° 3' W., bet. secs. 29 & 30.
 Over level plain.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 30 in W., and S. 29 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 19 in NW., S. 20 in NE., S. 29 in SE., and S. 30 in SW. quadrants, dig pits 13x13x12 ins. 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, level.
 Soil, 2nd rate, loose, stiff, heavy sandy loam.
 Scattering sage brush and bunch grass.

S. 39° 56' E., on a random line, bet. secs. 20 & 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 30.00 Intersect N. & S. line at point 2 lks. N. of cor. of secs. 20, 21, 23 & 29, whence I run, N. 39° 55' W., on a true line, bet. secs. 20 & 29.
 Over level plain.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap, $\frac{1}{4}$ S. 20 in N., and S. 29 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
 30.00 To cor. of secs. 19, 20, 29 & 30.
 Land, level.
 Soil, 2nd rate, heavy, sandy loam. some clay.
 Sparse sage brush and bunch grass.
 At this cor. at apparent noon I set off 23° 22' S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 57 $\frac{1}{2}$ ' N.

N. 39° 57' W., on a random line, bet. secs. 19 & 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.20 Intersect W. bdy. of Tp. at a point 2 lks. N. of cor. of secs. 19, 24, 25 & 30, whence I run, S. 89° 53' E., on a true line, bet. secs. 19 & 30.
 Over level plain.
 39.20 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 19 in N., and S. 30 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
 79.20 To cor. of secs. 19, 20, 29 & 30.
 Land, level.
 Soil, 2nd rate, heavy sandy loam.
 Scattering sage brush, Grass, fair.

Dec. 13, 1910.

Dec. 19, 1910.
 At 3h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30, I set off 25° 21' S. on the decl. arc, and 35° 37 $\frac{1}{2}$ ' N. on the lat. arc, and determine a true meridian with the solar.
 Thence I run,

Chains.	
	N. 0° 3' W., bet. secs. 19 & 20.
	Over level plain.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 19 in W., and $\frac{1}{4}$ S. 20 in E. half, dig pits 13x13x12 ins. N. & 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 cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 13, 19 & 20, marked on brass cap, T. 26 N., R. 16 W. in N. half, S. 13 in NW., S. 17 in NE., S. 20 in SE., and S. 19 in SW. quadrants, dig pits 13x13x12 ins. 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, level. Soil, 2nd rate, heavy, sandy loam. Sparse grass, and sage brush.
	S. 39° 55' E., on a random line, bet. secs. 17 & 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.03	Intersect N. & S. line at a point 2 lks. S. of cor. of secs. 16, 17, 20 & 21, whence I run, N. 39° 56' W., on a true line, bet. secs. 17 & 20. Over gently undulating plain.
40.04	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 17 in N., and $\frac{1}{4}$ S. 20 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
30.04	To cor. of secs. 17, 13, 19 & 20. Land, gently undulating. Soil, 2nd rate, stiff, sandy loam, with some clay. Sparse sage brush. Grass fair.
	N. 39° 53' W., on a random line, bet. secs. 13 & 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.06	Intersect W. bdy. of Tp. at point 2 lks. S. of cor. of secs. 13, 13, 19 & 24, whence I run, S. 39° 57' E., on a true line, bet. secs. 13 & 19. Over level plain, barren flat of Red Lake.
23.00	Leave barren flat of Red Lake, brs. NNE. & SSW., thence over level plain, sparse grass.
39.06	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 13 in N., and $\frac{1}{4}$ S. 19 in S. half, dig pits 13x13x12 ins. E. & 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 cor.
79.06	To cor. of secs. 17, 13, 19 & 20. Land, level. Soil, 2nd rate, heavy, stiff sandy loam, with some clay. Sparse sage brush and bunch grass.

Subdivision of T. 26 N., R. 16 W.

Chains

N. 0° 3' W., bet. secs. 17 & 13.
 Over gently undulating plain.
 13.00 Sand knoll, brs. E. & W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 13 in W., and
 $\frac{1}{4}$ S. 17 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 65.00 Sand knoll, brs. E. & W.
 70.00 Enter clayey flat, brs. E. & W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 7, 3, 17 & 13,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 7 in NW.,
 S. 3 in NE.,
 S. 17 in SE., and
 S. 13 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level, gently undulating.
 Soil, 2nd rate, stiff, sandy loam, with some clay.
 Sparse sage brush, and bunch grass.

The cor. of secs. 3, 9, 16 & 17, being plainly visible, I run,
 S. 39° 57' E., on a random line, bet. secs. 3 & 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect cor. of secs. 3, 9, 16 & 17, whence I run,
 N. 39° 57' W., on a true line, bet. secs. 3 & 17.
 Over level plain.
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 8 in N., and
 $\frac{1}{4}$ S. 17 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 80.04 To cor. of secs. 7, 3, 17 & 13.
 Land, level.
 Soil, 2nd rate, stiff, sandy, heavy loam.
 Sparse sage brush, and bunch grass.
 At this cor. at apparent noon I set off 23° 23 $\frac{1}{2}$ ' S. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 39' N.

N. 39° 57' W., on a random line, bet. secs. 7 & 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 73.92 Intersect W. bdy. of Tp. at point 7 lks. N. of cor. of
 secs. 7, 12, 13 & 13, whence I run,
 East, on a true line, bet. secs. 7 & 13.
 Over barren clay flat of Red Lake.
 33.92 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 7 in N., and
 $\frac{1}{4}$ S. 13 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 70.00 Leave barren clay flat of Red Lake, brs. NNE. & SSW.,
 thence over level plain, sparse bunch grass.
 78.92 To cor. of secs. 7, 3, 17 & 13.
 Land, level.
 Soil, 2nd rate, stiff, heavy clay, and sandy loam.
 Sparse sage brush and bunch grass in places.

Chains.

N. 0° 3' W., bet. secs. 7 & 8.
 Over barren level plain.
 15.00 Enter clay flat of Red Lake, brs. NNE. & SSW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 7 in W., and
 S. 8 in E. half,
 dig pits 13x13x12 ins. N. & 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 cor.
 60.00 Leave Red Lake, brs. NNW. & SSE., thence over undulating
 plains, sparse sage brush, and bunch grass.
 70.00 Sand knoll, brs. NNW. & SSE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 5, 6, 7 & 8,
 marked on brass cap,
 T. 26 N., R. 16 W. in N. half,
 S. 6 in NW.,
 S. 5 in NE.,
 S. 3 in SE., and
 S. 7 in SW. quadrants,
 dig pits 13x13x12 ins. 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, level, undulating.
 Soil, 2nd rate, clayey, sandy, stiff.
 Sparse sage brush and bunch grass in places.

S. 39° 57' E., on a random line, bet. secs. 5 & 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 30.08 Intersect N. & S. line at point 5 lks. N. of cor.
 of secs. 4, 5, 8 & 9, whence I run,
 N. 89° 55' W., on a true line, bet. secs. 5 & 8.
 Over level plain.
 40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 5 in N., and
 S. 8 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 80.08 To cor. of secs. 5, 6, 7 & 8.
 Land, level.
 Soil, 2nd rate, stiff, heavy sandy loam.
 Sparse sage brush and bunch grass.

West, on a random line, bet. secs. 6 & 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.90 Intersect cor. of secs. 1, 6, 7 & 12, on the West bdy. of Tp.
 whence I run,
 East, on a true line, bet. secs. 6 & 7.
 Over barren clayey flat of Red Lake.
 38.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S. 6 in N., and
 S. 7 in S. half,
 dig pits 13x13x12 ins. E. & 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 cor.
 75.00 Leave Red Lake, brs. NNW. & SSE.
 76.50 Sand knoll, brs. N. & S.
 78.90 To cor. of secs. 5, 6, 7 & 8.
 Land, level. barren and open.
 Soil, 2nd rate, stiff, clayey, heavy. barren.

Subdivision of T. 26 N., R. 16 W.

- Chains.
- N. 0° 1' W., on a random line, bet. secs. 5 & 6.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.95 Intersect N. bdy. of Tp. at point 16 lks. W. of cor. of secs. 5, 6, 31 & 32, whence I run, S. 0° 6' W., on a true line, bet. secs. 5 & 6. Over level plain.
- 39.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S. 6 in W., and S. 5 in E. half; dig pits 13x13x12 ins. N. & 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 cor.
- 79.95 To cor. of secs. 5, 6, 7 & 8. Land, level. Soil, 2nd rate, stiff, heavy, sandy loam. Sparse sage brush, and bunch grass.

Dec. 19, 1910.

General Description, T. 26 N., R. 16 W.
 This Tp. is somewhat rolling and broken in the NE., slightly undulating in places in the SE. & SW., and barren and level in the NW. portions.
 The soil is in general a loose, sandy loam, heavy with some clay in places, and in the SW. portion of the Tp. is underlain with a calcareous gravel.
 The greater portion of the Tp. is covered with a fair growth of native grass, dense in places.
 All the land in the Tp. would produce well, if irrigated. There is no water or timber in the Tp., and no trace of any settlers.
 A part of the NW. portion lies in what is called Red Lake, a dry barren flat, which at times of very heavy rains is flooded with a few inches of water, but at no place to such a depth as would destroy the corners set by me in the part subject to flooding.
 Therefore, I considered it unnecessary to meander this barren, dry, lake.
 There are no indications of a mineral character in the Tp.

Jose B Wright
 U.S. Surveyor.

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APPROVAL.

BOOK 2298

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona March 15, 1912

The foregoing field notes of the survey of *the subdivisions of S 26 N R 16 W*
G & S R. Meridian, Arizona

executed by *Jesse B. Wright, M.C. Surveyor*
under his special instructions dated *Sept. 16*, 1910, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

Frank J. Ingalls
U. S. Surveyor General.