

BOOK 2494

FIELD NOTES

JUN 20 1913

OF THE SURVEY OF THE

Subdivision of frac. T. 20 S., R. 19 E.

Of the Gila and Salt River Base and Meridian,

Arizona.

In the State of _____

EXECUTED BY

Jesse B. Wright

In the capacity of U. S. Surveyor _____, under ^{supplemental} instructions dated Jan. 13, 1913.

issued by the United States Surveyor General to govern surveys included in Group No. 17, which were approved by the Commissioner of the General Land

Office, Feb. 4, 1913, pursuant to authority contained in the Act of

Congress dated Aug. 24, 1912

Survey commenced March 2, 1913., 191

Survey completed March 10, 1913., 191

Chains.

Survey commenced March 2, 1913, and executed with a Young & Son's light mountain transit, with Smith's patent solar attachment, as heretofore described in Book "Knowing from recent and repeated tests made on a true meridian established by observation of Polaris, that the instrument is in correct adjustment, I proceed as follows: -

At 8h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36, on the north bdy. of the Tp., recently established by W. H. Elliott, & described by him in Book "G"

I set off 7°14' S. on the decl. arc, and 31°44' N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions,

S. 0° 1' E., bet. secs. 1 & 2.

Over gently rolling plain, through mesquite brush, cacti, good grass.

Var. 13°10' E.

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 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.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 1, 2, 11 & 12, marked on brass cap, T 20 S R 19 E, in N. half,

S 2 in NW.,
S 1 in NE.,
S 12 in SE., and
S 11 in SW. quad.;

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, rolling.

Soil, 3rd rate, sandy, loose, gravelly, dry.

Scrub mesquite, cacti, blackbrush, good grass.

East, on a random line, bet. secs. 1 & 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect East bdy. of Tp. 9 lks. N. of cor. of secs. 1, 6, 7 & 12, which is a sandstone 10x10x5 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run,

N. 89°56' W., on a true line, bet. secs. 1 & 12.

Over gently rolling, grassy plain, drains to SE.,

39.99 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.

79.98 To cor. of secs. 1, 2, 11 & 12, hereinbefore described.

Land, rolling.

Soil, 2nd & 3rd rate, sandy, loose, gravelly, dry.

Scattering mesquite brush, greasewood, cacti, good grass.

BOOK 2494

Chains.

- 40.00 S. $0^{\circ} 1'$ E., bet. secs. 11 & 12.
Over rolling land, through scattering mesquite brush.
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 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.
- 69.00 Dim 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. 11, 12, 13 & 14, marked on brass cap, T 20 S R 19 E, in N. half,
S 11 in NW.,
S 12 in NE.,
S 13 in SE., and
S 14 in SW. quad.;
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, rolling.
Soil, 3rd rate, sandy loam,
Scattering mesquite, sage brush, greasewood, fair grass.
-
- 40.00 S. $89^{\circ} 56'$ E., on a random line, bet. secs. 12 & 13.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect E. bdy. of Tp. $2\frac{1}{2}$ lks. N. of cor. of secs. 7, 12, 13 & 18, which is a sandstone 10x6x5 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run,
N. $89^{\circ} 55'$ W., on a true line, bet. secs. 12 & 13.
Over rolling land, through scattering mesquite.
- 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 12 in N., and
S 13 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.
- 70.10 Dim road, brs. NW. & SE.
- 79.96 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.
Land, gently rolling, undulating.
Soil, 2nd & 3rd rate, sandy loam, fertile.
Mesquite, greasewood, cacti, good grass.
At this cor., at noon, I set off $7^{\circ} 11'$ S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $31^{\circ} 42'$ N.
-
- 40.00 S. $0^{\circ} 1'$ E., bet. secs. 13 & 14.
Over gently undulating land, fine grass.
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 W., and
S 13 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. 13, 14, 23 & 24, marked on brass cap, T 20 S R 19 E, in N. half,
S 14 in NW.,
S 13 in NE.,
S 24 in SE., and
S 23 in SW. quad.;
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, gently rolling, level.
Soil, 2nd rate, sandy loam, stiff subsoil, fertile.
Sparse mesquite, cacti, fine native grass.

Chains.

BOOK 2494

40.00 S. 89°55' E., on a random line, bet. secs. 13 & 24.
Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect E. bdy. of Tp. 9 lks. S. of cor. of
secs. 13, 18, 19 & 24, which is a sandstone 10x10x6 ins.
above ground, marked and witnessed as described by the
Surveyor General, whence I run,
N. 89°59' W., on a true line, bet. secs. 13 & 24.
Over nearly level land, drains to E., fine grass.

.16 Road, brs. N. & S.

14.00 Dim road, brs. NW. & SE.

14.55 Wire fence, brs. ESE. & WNW.

16.03 Same fence, brs. ENE. & WSW.

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 13 in N., and
S 24 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.
House of John Thomas brs. S. 75°36' E., about 15 chs.
House of George Sertic brs. N. 39 $\frac{1}{2}$ ° E., about 15 chs.

79.90 To cor. of secs. 13, 14, 23 & 24, ~~hereinbefore~~ described.
Land, level, gently undulating.
Soil, 2nd rate, sandy loam, fertile.
Sparse sage brush, cacti, fine native grass.

S. 0° 1' E., bet. secs. 23 & 24.
Over gently undulating land, fine grass.

16.20 Wash, 20 lks. wide, course E.

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 24 in W., and
S 23 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.

48.26 Intersect N. line of San Ignacio Del Babocomori Private
Land Grant at a point whence,
41 mile cor. on said line brs. S. 70°55' 55" W. 3.00 chs.
dist., which is a sandstone 12x10x6 ins. above ground,
marked and witnessed as described by the Surveyor
General.
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for closing cor. of secs. 23 & 24, marked on
brass cap, C C, E. of centre,
T 20 S R 19 E, in N., and
S I D B, in S. half,
S 23 in NW., and
S 24 in NE. sectors;
dig pits 24x18x12 ins. crosswise on each line, NE. & SW.
3 ft., and N. of cor. 7 ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high N. of cor.

Land, level, gently undulating.
Soil, 2nd rate, sandy loamy, fertile.
Sparse mesquite, sage brush, cacti, fine native grass.
March 2, 1913.

BOOK 249A

Chains.

March 3, 1913.
 At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35,
 on the N. bdy. of the Tp., recently established by
 W. H. Elliott, and described by him in Book "G"
 I set off, $6^{\circ}51\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}44'$ N. on the
 lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. $0^{\circ} 1' E.$, bet. secs. 2 & 3.
 Over gently rolling, grassy 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 3 in W., and
 S 2 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.
 59.00 Road, 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. 2, 3, 10 & 11, marked on
 brass cap, T 20 S R 19 E, in N. half,
 S 3 in NW.,
 S 2 in NE.,
~~S 11 in SE., and~~
 S 10 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, gently rolling.
 Soil, 3rd rate, sandy, gravelly, loose, dry.
 Sage brush, cacti, greasewood, good grass.

40.00 East, on a random line, bet. secs. 2 & 11.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. & S. line at cor. of secs. 1, 2, 11 & 12,
~~hereinbefore described~~, whence I run,
 West on a true line, bet. secs. 2 & 11.
 Over gently undulating, grassy plain.
 40.01 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;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 68.50 Road, brs. NNW. & SSE.
 80.02 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.
 Land, rolling, level. Soil, 3rd rate, sandy, loamy, loose.
 Sage brush, scrub mesquite, cacti, greasewood, good grass.

40.00 S. $0^{\circ} 1' E.$, bet. secs. 10 & 11.
 Over rolling land, through scrub mesquite.
 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
 S 11 in E. half;
 raise a mound of stone 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. 10, 11, 14 & 15, marked on
 brass cap, T 20 S R 19 E, in N. half,
 S 10 in NW.,
 S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quad.;
 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, rolling. Soil, 3rd rate, sandy, gravelly, dry.
 Mesquite brush, catclaw, cacti, sage brush, fair grass.
 At this cor., at noon, I set off $6^{\circ}49'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}42'$ N.

BOOK 2484

Chains.
 East, on a random line, bet. secs. 11 & 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 11, 12, 13 & 14, ~~hereinbefore described~~, whence I run,
 S. $89^{\circ}58'$ W. on a true line bet. secs. 11 & 14.
 Over gently rolling grassy plain, through mesquite brush.
 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
 S 14 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.
 80.04 To cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, dry.
 Scrub mesquite, cacti, sage brush, good grass.

S. $0^{\circ}1'$ E., bet. secs. 14 & 15.
 Over gently rolling, grassy 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 15 in W., and
 S 14 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. 14, 15, 22 & 23, marked on
 brass cap, T 20 S R 19 E, in N. half,
 S 15 in NW.,
 S 14 in NE.,
 S 23 in SE., and
 S 22 in SW. quad.;
 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, gently rolling,
 Soil, 2nd & 3rd rate, sandy, gravelly, loose, dry.
 Scrub mesquite, cacti, greasewood, good grass.

N. $89^{\circ}58'$ E., on a random line, bet. secs. 14 & 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 10 lks. S. of cor. of
 secs. 13, 14, 23 & 24, ~~hereinbefore described~~, whence I run,
 S. $89^{\circ}54'$ W. on a true line bet. secs. 14 & 23.
 Over gently rolling, grassy 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 14 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.
 From which,
 House of S. N. Gordon brs. N. $68\frac{1}{2}^{\circ}$ E. 4 chs. dist.
 House of Fay W. Gordon brs. S. $54\frac{1}{4}^{\circ}$ E., 3 chs. dist.
 House of Bessie N. Gordon brs. S. 35° W. 3 chs. dist.
 House of I. N. Gordon brs. N. 27° W. 3 chs. dist.
 80.00 To cor. of secs. 14, 15, 22 & 23, ~~hereinbefore described~~.
 Land, rolling, level.
 Soil, 2nd & 3rd rate, sandy, loamy, loose, fertile.
 Sparse sage brush, cacti, good native grass.

BOOK 2494

Chains.

S. 0° 1' E., bet. secs. 22 & 23.
 Over gently rolling, grassy plain.
 17.50 Wash, 120 lks. wide, course E.
 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 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.
 75.52 Intersect N. Line of S. I. D. B. Grant at a point whence,
 40 mile cor. brs. N. 70° 55' 55" E. 1.28 chs. dist.,
 which is a sandstone 14x10x6 ins. above ground,
 marked and witnessed as described by the Surveyor-
 General.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 22 & 23, marked on
 brass cap, C C, E. of centre,
 T 20 S R 19 E, in N., and
 S I D B in S. half,
 S 22 in NW., and
 S 23 in NE. sectors;
 dig pits 24x18x12 ins. crosswise on each line, NE. & SW.
 3 ft., and N. of cor. 7 ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high N. of cor.
 Ladd, rolling.
 Soil, 3rd rate, sandy, gravelly, loose.
 Sage brush, cacti, scrub mesquite, good grass.
 Marshl 3, 1913.

Chains.

BOOK 2494

March 4, 1913.
At 7h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,
on the N. bdy. of the Tp., recently established by
W. H. Elliott, and described by him in Book "G"
I set off $6^{\circ}27\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}44'$ N. on the
lat. arc, and determine a meridian with the solar.
Thence I run,

S. $0^{\circ}2'$ E., bet. secs. 3 & 4.
Over gently rolling land, asc. grad. through dense
greasewood and other 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 4 in W., and
S 3 in E. half;
dig pits $18 \times 18 \times 12$ 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.
64.00 Wash, 20 lks. wide, course NE., turns to E. & SE. asc.
80.00 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 20 S R 19 E, in N. half,
S 4 in NW.,
S 3 in NE.,
S 10 in SE., and
S 9 in SW. quad.;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, rolling.
Soil, 3rd rate, sandy, gravelly, loose, dry.
Greasewood, scrub mesquite, cacti, fair grass.

East, on a random line bet. secs. 3 & 10.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. & S. line 5 lks. N. of cor. of
secs. 2, 3, 10 & 11, ~~hereinbefore described~~, whence I run,
N. $89^{\circ}58'$ W., on a true line bet. secs. 3 & 10.
Over rolling land, asc. grad. through scrub mesquite.
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 3 in N., and
S 10 in S. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
60.00 Wash, 30 lks. wide, course SSE.
68.00 Asc. steep.
78.90 Spur, brs. NNW. & SSE., point 10 chs. to N., desc.
80.04 To cor. of secs. 3, 4, 9 & 10, ~~hereinbefore described~~.
Land, rolling, hilly.
Soil, 3rd rate, gravelly, dry.
Scrub mesquite, catclaw, cacti, fair grass.

S. $0^{\circ}2'$ E., bet. secs. 9 & 10.
Over mts. land, asc. grad.
3.00 Spur, brs. ENE. & WSW., desc.
16.50 Head of gulch, course SSE., asc. ENE. slope.
34.00 Ridge, brs. E. & W., desc.
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;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
45.00 Wash, 30 lks. wide, course SW., near head, asc. grad.
55.00 Asc. steep.
71.00 Ridge, brs. WSW. & ENE., desc. steep.
80.00 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 20 S R 19 E, in N. half,
S 9 in NW.,
S 10 in NE.,
S 15 in SE., and
S 16 in SW. quad.;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, mts. Soil, 3rd rate, gravelly, stony. Fair grass.

Chains.

BOOK 2494

- S. $89^{\circ}58'$ E., on a random line bet. secs. 10 & 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 7 lks. N. of cor. of
 secs. 10, 11, 14 & 15, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}55'$ W. on a true line bet. secs. 10 & 15.
 Over rolling land, asc. grad. through sage brush and
 scrub mesquite.
 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 N., and
 S 15 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 47.00 Asc.
 55.00 Asc. steep.
 74.00 Ridge, brs. SSW. & NNE., S. point of Mustang Mountains,
 desc.
 80.00 To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~.
 Land, rolling, mts.
 Soil, 3rd rate, gravelly, dry.
 Scrub mesquite, catclaw, cacti, fair grass.
 At this cor., at noon, I set off $6^{\circ}25\frac{1}{2}'$ S. on the decl. arc
 and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}42'$ N.

- S. $0^{\circ}2'$ E., bet. secs. 15 & 16.
 Over mts. land, asc. steep.
 6.00 Spur, brs. WSW. & ENE., desc. steep.
 20.00 Desc. grad.
 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 $18 \times 18 \times 12$ 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.
 76.00 Wash, 250 lks. wide, course E.
 80.00 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 20 S R 19 E, in N. half,
 S 16 in NW.,
 S 15 in NE.,
 S 22 in SE., and
 S 21 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, rolling, mts. Soil, 3rd rate, gravelly, dry.
 Scrub mesquite, catclaw, cacti, fair grass.

- S. $89^{\circ}55'$ E. on a random line bet. secs. 15 & 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line 9 lks. S. of cor. of
 secs. 14, 15, 22 & 23, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}59'$ W. on a true line bet. secs. 15 & 22.
 Over gently rolling land.
 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 15 in N., and
 S 22 in S. half;
 dig pits $18 \times 18 \times 12$ 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.
 67.50 Wash, 230 lks. wide, course ESE., asc. grad.
 79.96 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore described~~.
 Land, rolling. Soil, 3rd rate, gravelly, dry, sandy.
 Scrub mesquite, catclaw, cacti, fair grass.

Chains.

S. 0° 2' E. bet. secs. 21 & 22.
Over gently rolling, grassy plain.
6.00 Road, brs. WNW. & ESE.
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 21 in W., and S 22 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. 21, 22, 27 & 28, marked on brass cap, T 20 S R 19 E, in N. half, S 21 in NW., S 22 in NE., S 27 in SE., and S 28 in SW. quad.;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, rolling.
Soil, 3rd rate, sandy, gravelly, loose, dry.
Sparse scrub mesquite, catclaw, cacti, fair grass.

East, bet. secs. 22 & 27.

Over gently rolling land.

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 N., and S 27 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.
66.90 Intersect N. line of S. I. D. B. Grant at a point whence, 40 mile cor. on said line brs. N. 70° 55' 55" E. 15.02 chs. dist., a sandstone 12x10x6 ins. above ground, marked & witnessed as described by the Surv. Genl.
Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 22 & 27, marked on brass cap, C C, E. of centre, T. 20 S R 19 E, in NW., and S I D B in SE. half, S 22 in NW., and S 27 in SW. sectors.
dig pits 24x18x12 ins. crosswise on each line, NE. & SW. 3 ft., and W. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, rolling. Soil, 3rd rate, sandy, gravelly, dry.
Sage brush, cacti, scrub mesquite, fair grass.

S. 0° 2' E. bet. secs. 27 & 28.

Over rolling land.

22.95 Intersect N. line of S. I. D. B. Grant at a point whence 39 mile cor. on said line brs. N. 70° 55' 55" E. 5.64 chs. dist., which is a sandstone 12x10x6 ins. above ground, marked and witnessed as described by the Surveyor-General.
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 27 & 28, marked on brass cap, C C, E. of centre, S I D B, in SE., and T 20 S R 19 E, in NW. half, S 27 in NE., and S 28 in NW. sectors;
dig pits 24x18x12 ins. crosswise on each line, NE. & SW. 3 ft., and N. of cor. 7 ft. dist., and raise a mound of stone covered with earth 4 ft. base, 2 ft. high N. of cor.
Land, rolling.
Soil, 3rd rate, gravelly, dry.
Scrub mesquite, cacti, fair grass.
March 4, 1913.

Chains.

March 5, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33,
on the N. bdy. of the Tp., as heretofore established
by W. H. Elliott, and by him described in Book "G"

I set off $6^{\circ}05'S$. on the decl. arc, and $31^{\circ}44'N$. on the
lat. arc, and determine a meridian with the solar.

Thence I run,

S. $0^{\circ}2'E$., bet. secs. 4 & 5.

Over mts. land, desc. ESE. slope.

28.00 Wash, 30 lks. wide, course SW.

35.00 Draw, 3 chs. wide, course WSW.

39.70 Wash, 20 lks. wide, course WSW., asc.

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 5 in W., and

S 4 in E. half;

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

55.00 Asc. steep.

75.00 Spur, brs. WSW. & ENE., desc.

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 20 S R 19 E, in N. half,

S 5 in NW.,

S 4 in NE.,

S 9 in SE., and

S 8 in SW. quad.;

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

Land, rolling, mts., broken.

Soil, 3rd rate, gravelly, stony, dry.

Scrub oak, cacti, fair grass.

40.00 East, on a random line bet. secs. 4 & 9.

Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. & S. line at cor. of secs. 3, 4, 9 & 10,

~~heretofore described~~, whence I run,

West, on a true line bet. secs. 4 & 9.

Over mts. land, desc. steep.

15.00 Gulch, 30 lks. wide, course NE., asc. steep.

39.99 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;

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

43.50 Ridge, brs. S. & N., desc.

68.50 Gulch, 30 lks. wide, course SSW., asc. steep.

79.50 Limestone spur, brs. SSW. & NNE., desc.

79.98 To cor. of secs. 4, 5, 8 & 9, ~~heretofore described~~.

Land, mts., broken.

Soil, 3rd rate, gravelly, stony, dry.

Scrub oak, cacti, fair grass.

At this cor., at noon, the sky is overcast, impracticable
to observe the lat. accurately.

Chains.

S. 0° 2' E., bet. secs. 8 & 9.
 Over mts., broken land, desc.
 10.00 Foot of main slope, brs. E. & W. desc. grad.
 15.00 Wash, 20 lks. wide, course SW.
 37.00 Wash, 50 lks. wide, course SW., asc. grad.
 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 8 in W., and
 $\frac{1}{4}$ S 9 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 70.00 Asc. steep.
 75.00 Top of hill, brs. E. & W., desc.
 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 20 S R 19 E, in N. half,
 S 8 in NW.,
 S 9 in NE.,
 S 16 in SE., and
 S 17 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, rolling, broken, mts.
 Soil, 3rd rate, gravelly, dry, stony.
 Scattering scrub oak, cacti, sage brush, fair grass.

East, on a random line, bet. secs. 9 & 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of
 secs. 9, 10, 15 & 16, ~~herebefore described~~, whence I run,
 N. 89° 59' W., on a true line bet. secs. 9 & 16.
 Over mts. land, desc.
 .50 Head of gulch, course SW., asc.
 25.00 Spur, brs. ~~WSW. & ENE.~~
 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 9 in N., and
 $\frac{1}{4}$ S 16 in S. half;
 raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft. high N. of cor.
 41.00 Desc.
 46.00 Wash, 20 lks. wide, course S.
 64.00 Asc. grad.
 78.00 Spur from hill, brs. ESE. & WNW., desc.
 79.96 To cor. of secs. 8, 9, 16 & 17, ~~herebefore described~~.
 Land, rolling, broken, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Scrub oak, cacti, fair grass.

March 5, 1913.

BOOK

Chains.

2494

March 6, 1913.

At 7h a.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17, ^{hereinafter described}I set off $5^{\circ}41'30''$ S. on the decl. arc, and $31^{\circ}42'$ N. on the Lat. arc, and determine a meridian with the solar.

Thence I run,

S. $0^{\circ}2'$ E., bet. secs. 16 & 17.

Over mts. land, desc.

2.00 Gulch, 20 lks. wide, course SSE., near head.

34.00 Main road, Tucson to Bisbee & Douglas, brs. ESE. & WNW.

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 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.

45.00 Wash, 2 chs. wide, course ESE., asc. grad.

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 20 S R 19 E, in N. half,

S 17 in NE.,

S 16 in NE.,

S 21 in SE., and

S 20 in SW. quad.;

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

Land, rolling, mts.

Soil, 3rd rate, gravelly, sandy, dry.

Sage brush, cacti, good grass.

~~hereinafter described~~S. $89^{\circ}59'$ E. on a random line bet. secs. 16 & 21.40.00 Set temp. $\frac{1}{4}$ sec. cor.79.94 Intersect N. & S. line 5-lks. N. of cor. of secs. 15, 16, 21 & 22, ~~hereinafter described~~, whence I run,N. $89^{\circ}57'$ W. on a true line bet. secs. 16 & 21.

Over rolling, grassy plain, mesquite brush.

Main road, brs. WNW. & ESE., asc. gently.

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 16 in N., and

S 21 in S. half;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.79.94 To cor. of secs. 16, 17, 20 & 21, ^{hereinafter described}.

Land, rolling, mts. Soil, 3rd rate, gravelly, dry.

Mesquite, sage brush, cacti, fair grass.

S. $0^{\circ}2'$ E., bet. secs. 20 & 21.

Over mts. land, asc. grad.

30.00 Flat spur, brs. E. & W., desc. steep.

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;

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

43.00 Desc. grad.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 20 S R 19 E, in N. half,

S 20 in NW.,

S 21 in NE.,

S 28 in SE., and

S 29 in SW. quad.;

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

Land, rolling, mts. Soil, 3rd rate, gravelly, dry.

Mesquite and sage brush, cacti, good grass.

At this cor. at noon, I set off $5^{\circ}39'$ S. on the decl. arc, and observe the sun on the meridian.The resulting lat. is $31^{\circ}40'$ N.

BOOK 2494

Chains.

40.00 S. 89°57' E., on a random line bet. secs. 21 & 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of
 secs. 21, 22, 27 & 28, ~~hereinbefore described~~, whence I run,
 N. 89°56' W. on a true line bet. secs. 21 & 28.
 Over gently rolling grassy plain, asc. gently.
 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 21 in N., and
 S 28 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.
 79.92 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.
 Land, gently rolling.
 Soil, 3rd rate, loose, sandy, gravelly, dry.
 Sparse sage brush, cacti, greasewood, good grass.

40.00 S. 0° 2' E., bet. secs. 28 & 29.
 Over gently undulating land.
 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 28 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.
 43.75 Wash, 40 lks. wide, course SE.
 50.40 Intersect N. line of S. I. D. B. Grant at a point whence,
 witness cor. to 38 mile cor. on said line brs.
 N. 70°55'55" E. 10.94 chs. dist., which is a
 sandstone 12x10x8 ins. above ground, marked and
 witnessed as described by the Surveyor General.
 Said witness cor. being 1 ch. N. 70°55'55" E. of true
 cor. point for 38 mile cor.
 Set an iron post ~~3 ft. long~~ 24 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 28 & 29, marked on
 brass cap, C C, E. of centre,
 T 20 S R 19 E, in NW., and
 S I D B, in SE. half,
 S 28 in NE., and
 S 29 in NW. sectors;
 dig pits 24x18x12 ins. crosswise on each line, NE. & SW.
 3 ft., and N. of cor. 7 ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high N. of cor.
 Land, rolling.
 Soil, 3rd rate, gravelly, sandy, loose, dry.
 Scrub mesquite, cacti, good grass.
 March 6, 1913.

Chains.

BOOK

2494

March 7, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, on the N. bdy. of the Tp., recently established by W. H. Elliott and described in Book "G"

I set off $5^{\circ}18' S.$ on the decl. arc, and $31^{\circ}44' N.$ on the lat. arc, and determine a meridian with the solar.

Thence I run,

S. $0^{\circ}3' E.$, bet. secs. 5 & 6.

Over rolling, broken land.

10.00 Wash, 20 lks. wide, course SW.

25.00 Wash, 20 lks. wide, course SW.

39.00 Wash, 30 lks. wide, course WSW.

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 6 in W., and S 5 in E. half;

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

70.00 Main wash, 60 lks. wide, course SE., from WNW.

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 20 S R 19 E, in N. half,

S 6 in NW.,

S 5 in NE.,

S 8 in SE., and

S 7 in SW. quad.;

dig pits $18 \times 18 \times 12$ 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, rolling, broken. Soil, 3rd rate, gravelly, hard, dry. Sparse mesquite brush, cacti, good grass.

East, on a random line bet. secs. 5 & 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. & S. line 5 lks. N. of cor. of secs. 4, 5, 8 & 9, ~~herebefore described~~, whence I run,

N. $89^{\circ}58' W.$, on a true line bet. secs. 5 & 8.

Over mts. land, desc. steep.

5.00 Head of gulch, course S., asc. steep.

16.00 Spur, brs. ENE. & WSW., desc.

21.00 Head of gulch, course SW., asc.

28.50 Spur, brs. SW. & NE., desc. steep.

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 5 in N., and S 8 in S. half;

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

44.00 Wash, 40 lks. wide, course S., foot of main slope.

75.50 Wash, 50 lks. wide, course SSE.

80.06 To cor. of secs. 5, 6, 7 & 8, ~~herebefore described~~.

Land, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Scrub oak, cacti, fair grass.

West, bet. secs. 6 & 7.

Over rolling, broken land.

11.10 Main road, brs. WNW. & SSE.

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 6 in N., and S 7 in S. half;

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

72.00 Draw, 3 chs. wide, course S.

80.03 Intersect E. bdy. of T. 20 S., R. 18 E. at a point whence, cor. of secs. 1 & 12 brs. North, 4.12 chs. dist., which is a sandstone $10 \times 8 \times 6$ ins. above ground, marked & witnessed as described by the Surveyor General.

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 6 & 7, marked on brass cap, C C, W. of centre, T 20 S in N., and S 1, S 12, R 18 E, in W. half,

S 6 in NE., and S 7, R 19 E, in SE. quad.;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Sparse sage brush, cacti, fair grass.

BOOK 2494

Chains.

S. $0^{\circ} 3'$ E., bet. secs. 7 & 8.
 Over smooth open land.
 21.65 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 7 in W., and
 S 8 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.
 51.00 Wire fence, brs. E. & W.
 62.00 House of Victor A. Dalton brs. West, about 10 chs. dist.
 80.00 Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in
 the ground for cor. of secs. 7, 8, 17 & 18, marked on
 brass cap, T 20 S R 19 E, in N. half,
 S 7 in NW.,
 S 8 in NE.,
 S 17 in SE., and
 S 18 in SW. quad.;
 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, gently rolling.
 Soil, 2nd rate, sandy, loamy, loose, light.
 No undergrowth, good grass.

At the above described cor., at noon, I set off $5^{\circ} 15\frac{1}{2}'$ S.
 on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ} 42'$ N.

S. $89^{\circ} 58'$ E., on a random line bet. secs. 8 & 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. & S. line 5 lks. N. of cor. of
 secs. 8, 9, 16 & 17, ~~hereinafter described~~, whence I run,
 N. $89^{\circ} 56'$ W. on a true line bet. secs. 8 & 17.
 Over mts. land, asc.
 4.00 Spur, from hill, brs. N. & S., desc. steep.
 15.00 Desc. grad.
 40.01 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
 S 17 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.
 44.00 Wash, 30 lks. wide, course ESE.
 51.35 Main road, brs. NW. & SE.
 55.75 Wire fence, brs. N. & S.
 80.02 To cor. of secs. 7, 8, 17 & 18, ~~hereinafter described~~.
 Land, mts., rolling.
 Soil, 3rd rate, sandy, loose, dry, light, fertile.
 Sparse undergrowth, good grass.

March 7, 1913.

Chains.

BOOK 2494

March 8, 1913. (hereinbefore described)
 At 8h a.m., l.m.t., at the cor. of secs. 7, 8, 17 & 18,
 I set off $4^{\circ}55\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}42'$ N. on the
 lat. arc, and determine a meridian with the solar.
 Thence I run,
 West, bet. secs. 7 & 18.
 Over level, grassy flat.
 18.30 Wash, 80 lks. wide, course ESE.
 19.90 Wire fence, brs. N. & S.
 33.30 Wash, 90 lks. wide, course ENE.
 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 N., and
 S 18 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 45.04 Wire fence, brs. N. & S.
 62.00 House of F. D. Matthews brs. N. about 30 chs. dist.
 80.10 > 80.17 < Intersect E. bdy. of T. 20 S., R. 18 E. at a point whence,
 cor. of secs. 12 & 13 brs. N. 4.14 chs. dist., which
 is a sandstone 12x10x5 ins. above ground, marked and
 witnessed as described by the Surveyor General.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 7 & 18, marked on
 brass cap, C C, W. of centre, T. 20 S, in N., and
 S 12, S 13, R 18 E, in W. half,
 S 7 in NE., and
 S 18, R 19 E, in SE. quad.;
 dig pits 24x18x12 ins., crosswise on each line, N. & S.
 3 ft., and E. of cor. 7 ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high E. of cor.
 Land, level, gently rolling.
 Soil, 2nd rate, sandy, loose, light, fertile.
 No undergrowth, good grass.
 Wire fence, brs. N. & S.

S. $0^{\circ} 3'$ E., bet. secs. 17 & 18.
 Over gently rolling land.
 9.00 Wire fence, brs. E. & W., asc. grad.
 20.00 Asc. prec.
 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 brasscap,
 $\frac{1}{4}$ S 17 in W., and
 S 18 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 60.00 Top of ridge, brs. W. & E.
 62.00 Desc. steep.
 79.00 Gulch, 20 lks. wide, course SSW., near head.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 17, 18, 19 & 20, marked on
 brass cap, T 20 S R 19 E, in N. half,
 S 18 in NW.,
 S 17 in NE.,
 S 20 in SE., and
 S 19 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, level, rolling, mts.
 Soil, 3rd rate, sandy, gravelly, stony, dry.
 Scrub oak, cacti, fair grass.
 At this cor. at noon, I set off $4^{\circ}52\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}41'$ N.

BOOK 2494

Chains.	S. 89°56' E. on a random line bet. secs. 17 & 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. & S. line 5 lks. N. of cor. of secs. 16, 17, 20 & 21, hereinbefore described , whence I run, N. 89°54' W. on a true line bet. secs. 17 & 20. Over broken land, asc. over limestone hills.
30.00	Asc. steep.
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 17 in N., and S 20 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
56.00	Granite ledge, brs. N. & S., asc. abruptly 60 ft.
57.50	High rocky ridge, brs. N. & S., desc. steep.
61.04	Oak tree 24 ins. diam. on line.
79.96	To cor. of secs. 17, 18, 19 & 20, hereinbefore described . Land, mts., rough. Soil, 3rd & 4th rate, gravelly, stony, dry. Scrub oak, cacti, few oak trees.

West, bet. secs. 18 & 19

0.50	Over mts. land, along SSW. slope, desc.
10.00	Gulch, 20 lks. wide, course SSW. Desc. steep.
27.00	Gulch, 20 lks. wide, course West, from ESE., desc. steep in meanders of same.
35.00	Foot of main slope, brs. N. & S., leave gulch, turns to NW., desc. grad.
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 18 in N., and S 19 in S. half; from which. An oak tree 24 ins. diam. brs. S. 15° E. 130 lks. dist., marked $\frac{1}{4}$ S 19 B T. An oak tree 20 ins. diam. brs. N. 58° W. 101 lks. dist., marked $\frac{1}{4}$ S 18 B T.
46.00	Wash, 50 lks. wide, course N., asc. grad.
64.00	Dim road, brs. NNE. & SSW.
80.28	Intersect E. bdy. of T. 20 S., R. 18 E. at a point whence, cor. of secs. 13 & 24 brs. N. 4.22 chs. dist., which is a limestone 12x12x5 ins. above ground, marked and witnessed as described by the Surveyor General. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 18 & 19, marked on brass cap, T 20 S, in N., and CC. W. of center S 13, S 24, R 18 E, in W. half, S 18 in NE., and S 19, R 19 E, in SE. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor. Land, rolling, broken, mts. Soil, 3rd rate, stony, dry. Scrub oak, cacti, fair grass, few oak trees.

S. 0° 3' E., bet. secs. 19 & 20.

33.00	Over mts. desc. along W. slope, on granite ledges.
40.00	Gulch, 50 lks. wide, course SSW. 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 S 20 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
60.00	Desc. prec. SW. slope.
80.00	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 20 S R 19 E, in N. half, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., rough. Soil, 3rd rate, stony, dry. Scrub oak, cacti, sparse grass.

March 8, 1913.

Chains.

BOOK

2494

March 10, 1913. hereinbefore described
 At 7h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30,
 I set off $4^{\circ} 8' S$ on the decl. arc, and $31^{\circ} 40' N$ on the
 lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. $89^{\circ} 54'$ E. on a random line bet. secs. 20 & 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. & S. line 7 lks. S. of cor. of
 secs. 20, 21, 28 & 29, hereinbefore described, whence I run,
 N. $89^{\circ} 57'$ W. on a true line bet. secs. 20 & 29.
 Over rolling land, asc. grad.
 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 20 in N., and
 S 29 in S. half;
 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 41.50 Wash, 10 lks. wide, course ESE.
 60.00 Asc. steep SE. slope.
 78.00 Top of rise, S. end of ridge, brs. S. & N., desc. SW. slope.
 79.90 To cor. of secs. 19, 20, 29 & 30, hereinbefore described.
 Land, rolling, broken.
 Soil, 3rd rate, stony, gravelly, dry.
 Sage brush, cacti, fair grass.

West, bet. secs. 19 & 30.
 Over mts. land, desc. SW. slope.
 8.00 Gulch, 40 lks. wide, course S., asc. steep.
 27.00 Top of S. slope of rocky point, brs. S. & N., desc.
 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 N., and
 S 30 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 50.00 Foot of slope, brs. NW. & SE., desc. grad.
 53.00 Wash, 120 lks. wide, course SE., asc. NE. slope.
 80.42 Intersect E. bdy. of T. 20 S., R. 18 E. at a point whence,
 cor. of secs. 24 & 25 brs. N. 4.28 chs. dist., which is
 a porphyry stone 10x6x6 ins. above ground, marked and
 witnessed as described by the Surveyor General.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 19 & 30, marked on
 brass cap, C-C, W. of centre,
 T 20 S in N., and
 S 24, S 25, R 18 E, in W. half,
 S 19 in NE., and
 S 30, R 19 E, in SE. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
 Land, mts., broken.
 Soil, 3rd rate, stony, dry, gravelly.
 Scrub oak, cacti, fair grass.
 At this cor., at noon, I set off $4^{\circ} 05\frac{1}{2}' S$ on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ} 40' N$.

BOOK 2494

Chains.
 S. 0° 3' E., bet. secs. 29 & 30.
 Over broken land, desc. steep.
 10.00 Wash, 50 lks. wide, course ESE.
 38.00 Wash, 50 lks. wide, course ESE.
 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;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 77.96 Intersect N. line of S. I. D. B. Grant at a point whence,
 37 mile cor. brs. N. 70°55'55" E. 14.40 chs. dist.,
 which is a sandstone 16x14x6 ins. above ground, marked
 and witnessed as described by the Surveyor-General.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 29 & 30, marked on
 brass cap, C C, E. of centre,
 T 20 S R 19 E, in NW., and
 S I D B in SE. half,
 S 30 in NW., and
 S 29 in NE. sectors;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, sandy, gravelly, loose, dry.
 Sage brush, greasewood, cacti, fair grass.
 80.00 To point on line, within the S. I. D. B. Grant.

Since the line bet. secs. 30 & 31 will require a closing
 cor. on each end, from the 80.00 ch. point above noted,
 I run,

West, on blank line.
 .80 Wash, 80 lks. wide, course SE.
 5 .89 Intersect N. line of S. I. D. B. Grant, at a point whence,
 37 mile cor. brs. N. 70°55'55" E. 20.64 chs. dist., as
 above described.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 30 & 31, marked on
 brass cap, C C, E. of centre,
 T 20 S R 19 E, in NW., and
 S I D B, in SE. half,
 S 30 in NW., and
 S 31 in SW. sectors;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 Thence on true line bet. secs. 30 & 31, continuing
 measurement.
 20.00 Asc.
 30.00 Top of ridge, brs. NNW. & SSE., low gap 5 chs. NW., desc.
 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 N., and
 S 31 in S. half;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 45.00 Gulch, 50 lks. wide, course S., asc.
 60.00 S. point of hill, brs. S. & N., desc.
 73.00 Gulch, 50 lks. wide, course SSW.
 79.20 Gulch, 50 lks. wide, course ESE.
 80.50 Intersect E. bdy. of T. 20 S., R. 18 E. at a point whence,
 cor. of secs. 25 & 36 brs. N. 4.60 chs. dist., which is
 a limestone 8x7x6 ins. above ground, marked and
 witnessed as described by the Surveyor General.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 30 & 31, marked on
 brass cap, C C, W. of centre,
 T. 20 S, in N., and
 S 25, S 36, R 18 E, in W. half,
 S 30 in NE., and
 S 31, R 19 E, in SE. quad.;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high E. of cor.
 Land, mts., broken. Soil, 3rd rate, gravelly, stony, dry.
 Scrub oak, greasewood, cacti, fair grass.

March 10, 1913.

BOOK 2494

Frac.
T. 20 S., R. 19 E. is mountainous and broken in the western, and smooth, level or rolling in the eastern portions. There is considerable land in the Tp. which is valuable for dry farming or irrigation purposes.

The following settlers have located on land and have made improvements such as frame dwellings, fences, corrals, etc., cleared and ploughed and planted some of the land as noted :-

George Sertie, in sec. 13.

John Thomas, in sec. 24.

I. N., and S. N. Gordon, in sec. 14.

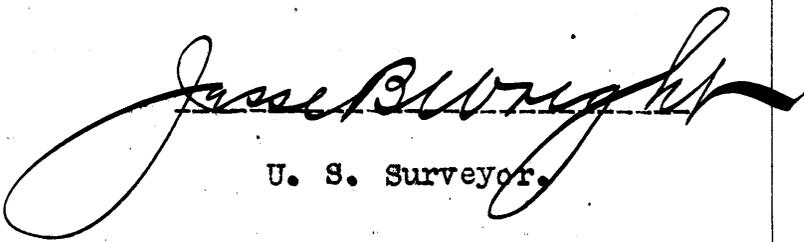
Bessie and Fay Gordon, in sec. 23.

F. D. Matthews, and Victor A. Dalton, in sec. 7.

There is no water available for irrigation in the Tp., the water lying at a depth of 200 to 300 ft.

There is no timber in the Tp., nor any indications of mineral. The greater portion of the land is suitable for grazing or agricultural purposes.

March 10, 1913.


U. S. Surveyor.

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BOOK 2494
BOOK 2494

For

FINAL OATH OF UNITED STATES SURVEYOR.

See Book "C."

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., Jan. 26, 1914.

The foregoing field notes of the survey of _____
Subdivision Lines of fract. Township 20 South, Range 19 East,
of the Gila and Salt River Base and Meridian, Arizona,

executed by Jesse B. Wright and William W. Bennett, U.S. Surveyor, under his ^{supplemental} ~~special~~ instructions dated January 13, 1913, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
U.S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.~~