

BOOK 2492

JUN 12 - 1913

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 20 S., R. 24 E.

Of the Gila and Salt River Base and Meridian,

Arizona.

In the State of

EXECUTED BY

Jesse B. Wright,

and

William H. Elliott,

In the capacity of U. S. Surveyors, ^{supplemental} under 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, January 18, 1913, pursuant to authority contained in the Act of

Congress dated Aug. 24, 1912

Survey commenced Feb. 10, 1913, 191

Survey completed Feb. 15, 1913, 191

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4th Standard Parallel South

Book "B"

Book "D"

Chains.

Survey commenced Feb. 10, 1913, and executed jointly by Jesse B. Wright, and William H. Elliott, U. S. Surveyors, using Young & Son's light mountain transits Nos. 8145 and 8492, as heretofore described. in Book

Knowing from recent and repeated tests that our instruments are in correct adjustment, we proceed as follows : -
 (Initials J.B.W. and W.H.E. indicate lines as run by Wright and Elliott, respectively.)
 Feb. 10, 1913. W. H.E.

At 8h a.m., l.m.t., at the Std. cor. of secs. 35 & 36, on the S. bdy. of the Tp., as recently re-established by me and described, in Book B

I set off $14^{\circ}22'$ S. on the decl. arc, and $31^{\circ}38\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions,
 N. $0^{\circ}1'$ W., bet. secs. 35 & 36.
 Over gently rolling prairie, good grass.

35.00 Wash, 20 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 35 in W., and
 S 36 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.

48.50 Old road, brs. E. & WNW.
 71.00 As point for cor. of secs. 25, 26, 35 & 36, will fall in wash, at

78.90 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for witness cor. to cor. of secs. 25, 26, 35 & 36, marked on brass cap,
 W C, N. of centre,
 T 20 S R 24 E, in N. half,
 S 26 in NW.,
 S 25 in NE.,
 S 36 in SE., and
 S 35 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 No bearings available, pits impracticable.

79.90 Wash, 40 lks. wide, course SE.
 80.00 Cor. point of secs. 25, 26, 35 & 36, in wash above wash.
 Land, rolling. Soil, 2nd & 3rd rate, sandy, gravelly, loose. Sparse sage brush, cacti, fine grass.

From cor. point of secs. 25, 26, 35 & 36 I run
 S. $89^{\circ}44'$ E., on a random line, bet. secs. 25 & 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect E. bdy. of Tp. 7 lks. N. of cor. of secs. 25, 30, 31 & 36, which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor General, whence I run,
 N. $89^{\circ}41'$ W., on a true line, bet. secs. 25 & 36.
 Over gently rolling land.

14.70 Wash, 50 lks. wide, course 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 25 in N., and
 S 36 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.

44.20 Telephone line, brs. NNE. & SSW.
 55.50 Wash, 60 lks. wide, course ESE.
 79.98 To cor. point of secs. 25, 26, 35 & 36, in wash, 40 lks. wide, course SE.
 Land, level, gently rolling.
 Soil, 2nd rate, sandy, loose, gravelly, dry.
 Sparse sage brush, cacti, good grass.

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- From the cor. point of secs. 25, 26, 35 & 36, I run,
N. $0^{\circ} 1'$ W., bet. secs. 25 & 26.
Over gently rolling land, good grass.
- 19.30 Wire fence, brs. ESE. & WNW., turns to NNE. 1 ch. W.
22.50 Same fence, brs. NNE. & SSW.
37.80 Wire fence, brs. E. & W., turns to SSE. 3 chs. to 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 26 in W., and
S 25 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.
- 48.00 Ploughed land 5 chs. to E.
62.00 Wash, 10 lks. wide, course ESE.
75.00 Wash, 100 lks. wide, course ESE.
As cor. of secs. 23, 24, 25 & 26 will fall in wash, at
78.30 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for Witness cor. to cor. of
secs. 23, 24, 25 & 26, marked on brass cap,
W C, N. of centre,
T 20 S R 24 E, in N. half,
S 23 in NW.,
S 24 in NE.,
S 25 in SE., and
S 26 in SW. quad.;
- raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 79.00 Enter wash, course ESE.
79.50 Wire fence, brs. ESE. & WNW.
80.00 Cor. point of secs. 23, 24, 25 & 26, in wash, course ESE.
Land, rolling. Soil, 3rd rate, gravelly, sandy, loose.
Sage brush, cacti, sparse mesquite, fair grass.
At this cor., at noon, I set off $14^{\circ} 19\frac{1}{2}'$ S. on the decl.
arc, and observe the sun on the meridian.
The resulting lat. is $31^{\circ} 40\frac{1}{2}'$ N.
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- From cor. point of secs. 23, 24, 25 & 26 in wash, I run,
S. $89^{\circ} 41'$ E., on a random line, bet. secs. 24 & 25.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect E. bdy. of Tp. $2\frac{1}{2}$ lks. S. of cor. of
secs. 19, 24, 25 & 30, which is an iron post 3 ins. in
diam. 1 ft. above ground, with brass cap, marked and
witnessed as described by the Surveyor General,
whence I run,
N. $89^{\circ} 42'$ W., on a true line, bet. secs. 24 & 25.
Over rolling sandy land.
- 21.00 Wash, 45 lks. wide, course S.
27.00 Telephone line, brs. SSW. & NNE.
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 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.
- 55.00 Wash, 20 lks. wide, course SSE.
62.00 Wash, 20 lks. wide, course SSE.
79.98 To cor. point of secs. 23, 24, 25 & 26, in wash, course ESE.
Land, rolling.
Soil, 3rd rate, gravelly, sandy, loose.
Sparse mesquite, sage brush, cacti, fair grass.

Chains.	
	From cor. point of secs. 23, 24, 25 & 26 in wash, I run. N. $0^{\circ} 1'$ W., bet. secs. 23 & 24.
	Over rolling, grassy land, asc. from wash.
.80	Leave wash.
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.
41.00	Wash, 10 lks. wide, course SE.
57.00	Wash, 50 lks. wide, course ESE.
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 24 E, in N. half, S 14 in NW., S 13 in NE., S 24 in SE., and S 23 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, gravelly, granite. Sparse sage brush, mesquite, cacti, fair grass. Feb. 10, 1913.
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	Feb. 11, 1913.
	At 8h a.m., l.m.t., at the above described corner of sec. 24, I set off $14^{\circ} 02\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ} 41'$ N. on the lat. arc, and determine a meridian with the solar.
	Thence I run, S. $89^{\circ} 42'$ E. on a random line bet. secs. 13 & 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect E. bdy. of Tp. 2 lks. S. of cor. of secs. 13, 18, 19 & 24, which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked & witnessed as described by the Surv. N. $89^{\circ} 43'$ W., on a true line, bet. secs. 13 & 24. <i>Genl whence I run.</i>
	Over rolling land.
8.00	Enter wash, from WNW. to SE. 80 lks. wide.
13.00	Leave wash, course ENE.
34.00	Wash, 80 lks. wide, course ESE. asc.
36.00	N. point of low hill, brs. N. & S., desc.
39.00	Wash, 50 lks. wide, course ENE.
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 13 in N., and S 24 in S. half;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
47.50	Wash, 50 lks. wide, course ESE., same as above.
79.98	To cor. of secs. 13, 14, 23 & 24, hereinbefore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sparse sage brush, cacti, fair grass.
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	N. $0^{\circ} 1'$ W., bet. secs. 13 & 14.
	Over 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 14 in W., and S 13 in E. half;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
45.00	Enter wash from N., course SE.
57.00	Leave wash, from NW., asc. grad. SW. slope.
70.00	Top of low ridge, brs. SE. & NW., desc.
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 24 E, in N. half, S 11 in NW., S 12 in NE., S 13 in SE., and S 14 in SW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sparse sage brush, amole, cacti, fair grass. At this cor., at noon, clouds obscure the sun, impracticable to observe the lat.

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Chains.

S. 89°43' E., on a random line, bet. secs. 12 & 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 7, 12, 13 & 18,
 which is an iron post 3 $\frac{1}{2}$ in diam. 1 $\frac{1}{2}$ ft. above ground, with brass cap marked & witnessed as described by the Surveyor-General, whence I run,
 N. 89°45' W., on a true line, bet. secs. 12 & 13.
 Over flat, through mesquite brush.
 20.00 Wash, 5 lks. wide, course SSE., asc. grad.
 39.50 S. point of low ridge, brs. S. & N., desc.
 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 12 in N., and
 S 13 in S. half;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 41.30 Wash, 20 lks. wide, course SE., asc.
 60.00 S. point of ridge, brs. S. & N., desc.
 62.50 Wash, 150 lks. wide, course SSE.
 80.02 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, granite formation.
 Mesquite, sage brush, cacti, fair grass.

N. 0° 1' W., on a random line, bet. secs. 11 & 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.75 Intersect E. & W. line of Fall 2 $\frac{1}{2}$ lks. W. of the cor.
 of secs. 1, 2, 11 & 12, which is an iron post 2 ins. in
 diam. 1 ft. above ground, with brass cap, marked and
 witnessed as described by the Surveyor-General,
 whence I run,
 South, on a true line, bet. secs. 11 & 12.
 Over rolling, broken land.
 27.70 Wash, 40 lks. wide, course SE.
 39.75 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.
 50.75 Wash, 100 lks. wide, course SE.
 79.75 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Sparse sage brush, mesquite, cacti, fair grass.
 Feb. 11, 1913. W. H. E.

Chains.

BOOK 2492

- Feb. 12, 1913. J. B. W.
 At 8h a.m., l.m.t., at the Std. cor. of secs. 34 & 35,
 on the S. bdy. of the Tp. recently re-established by W.H.E. & described in Book "B"
 I set off $13^{\circ}42\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}38\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}1'$ W., bet. secs. 34 & 35.
 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 34 in W., and
 S 35 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 53.50 Road, brs. SSE. & NNW.
- 60.00 Wash, 40 lks. wide, course SE.
- 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 20 S R 24 E, in N. half,
 S 27 in NW.,
 S 26 in NE.,
 S 35 in SE., and
 S 34 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. Soil, 3rd rate, gravelly, sandy.
 Sparse sage brush, cacti, good grass.
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- 40.00 S. $89^{\circ}44'$ E., on a random line, bet. secs. 26 & 35.
 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. & S. line at cor. point of secs. 25, 26, 35 &
 36, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}44'$ W., on a true line, bet. secs. 26 & 35.
 Over rolling land, good grass.
- 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 26 in N., and
 S 35 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.
- 45.00 Old road, brs. WNW. & ESE.
- 80.02 To cor. of secs. 26, 27, 34 & 35. hereinbefore described
 Land, rolling. Soil, 3rd rate, sandy, gravelly, loose.
 Sparse mesquite brush, cacti, sage brush, good grass.
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- N. $0^{\circ}1'$ W., bet. secs. 26 & 27.
 Over rolling land.
- 5.50 Wash, 40 lks. wide, course SSW.
- 37.00 Same wash, course 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 27 in W., and
 S 26 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.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 22, 23, 26 & 27, marked on
 brass cap, T 20 S R 24 E, in N. half,
 S 22 in NW.,
 S 23 in NE.,
 S 26 in SE., and
 S 27 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. Soil, 2nd & 3rd rate, sandy, gravelly.
 Sparse mesquite and sage brush, cacti, good grass.
 At this cor., at noon, I set off $13^{\circ}40'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}40\frac{1}{2}'$ N.

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Chains.	
	S. 89°44' E., on a random line, bet. secs. 23 & 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. point of secs. 23, 24, 25 & 26, hereinbefore described , whence I run, N. 89°46' W., on a true line, bet. secs. 23 & 26. Over rolling land.
1.00	Leave wash.
2.00	Wire fence, brs. ESE. & WNW., turns W. 60 lks. NW.
3.00	House of John Kennedy brs. S. 5 chs. dist.
8.00	Wire fence, brs. N. & S., turns to E. 25 lks. to N.
10.00	Enter draw,
12.00	Wash, 60 lks. wide, course ESE.
18.00	Wash, 40 lks. wide, course SE.
19.00	Leave draw.
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 N., and $\frac{1}{4}$ S 26 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.
78.20	Wash, 40 lks. wide, course S.
80.02	To cor. of secs. 22, 23, 26 & 27, hereinbefore described . Land, rolling. Soil, 3rd rate, sandy, gravelly, dry. Sparse mesquite and sage brush, cacti, fair grass.
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	N. 0° 1' W., bet. secs. 22 & 23. Over rolling land, asc. gently.
20.00	Asc., gentle SW. slope., near foot.
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 $\frac{1}{4}$ 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.
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 24 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, rolling. Soil, 3rd rate, gravelly, dry. Sparse mesquite and sage brush, cacti, fair grass.
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	S. 89°46' E., on a random line, bet. secs. 14 & 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 5 lks. N. of cor. of secs. 13, 14, 23 & 24, hereinbefore described , whence I run, N. 89°44' W., on a true line, bet. secs. 14 & 23. Over rolling land.
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 14 in N., and $\frac{1}{4}$ 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.
61.00	Dim road, brs. NNW. & SSE.
62.00	Enter draw, course SSE.
65.00	Wash, 90 lks. wide, course SSE.
72.00	Wash, 40 lks. wide, course SSE.
73.00	Leave draw, asc. grad.
80.04	To cor. of secs. 14, 15, 22 & 23, hereinbefore described . Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Sparse sage brush, cacti, good grass. Feb. 12, 1913.

Chains.

Feb. 13, 1913.

hereinbefore described

At 8h a.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23,
I set off $13^{\circ}22\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}41'$ N. on
the lat. arc, and determine a meridian with the solar.
Thence I run,

N. $0^{\circ}1'$ W., bet. secs. 14 & 15.

Over rolling, grassy land.

20.00 Wash, 20 lks. wide, course SE., asc.

30.00 Top of rise, brs. SE. & NW.

As point for $\frac{1}{4}$ sec. cor. will fall in wash, at38.50 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,W C $\frac{1}{4}$, N. of centre,

S 14 in SE., and

S 15 in SW. quad.;

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

39.00 Enter wash, course SE.

40.00 Cor. point for $\frac{1}{4}$ sec. cor. in wash.

44.00 Leave wash, thence along E. side of draw from N.

61.00 Old road, brs. NW. & SE.

62.00 Leave draw, asc. grad.

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 24 E, in N. half,

S 10 in NW., S 11 in NE.,

S 14 in SE., and S 15 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, gravelly, dry.

Sparse mesquite and sage brush, cacti, fair grass.

S. $89^{\circ}44'$ E., on a random line, bet. secs. 11 & 14.40.00 Set temp. $\frac{1}{4}$ sec. cor.80.00 Intersect N. & S. line 5 lks. N. of cor. of
secs. 11, 12, 13 & 14, ~~hereinbefore described~~, whence I run,
N. $89^{\circ}42'$ W., on a true line, bet. secs. 11 & 14.

Over rolling land.

6.80 Wash, 80 lks. wide, course S.

23.00 Wash, 40 lks. wide, course 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 11 in N., and

S 14 in S. half;

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

69.70 Wash, 30 lks. wide, course S.

80.00 To cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~.

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

Sparse sage brush and mesquite, cacti, good grass.

N. $0^{\circ}1'$ W., bet. secs. 10 & 11.

Over heavily rolling land.

3.50 Windmill of J. Cowan brs. West, 8 chs. dist.

7.50 Road, brs. NE. & SW., asc.

22.85 Top of W. point of hill, 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 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.

57.00 Enter wash, course SSW.

61.00 Leave wash, from NNE., asc. grad.

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 24 E, in N. half,

S 3 in NW.,

S 2 in NE.,

S 11 in SE., and

S 10 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. Soil, 3rd rate, gravelly, good grass.

Chains.

BOOK 2492

S. 89°42' E., on a random line, bet. secs. 2 & 11.
 Set temp. $\frac{1}{4}$ sec. cor.
 40.00 Intersect N. & S. line 7 lks. N. of cor. of
 79.98 secs. 1, 2, 11 & 12, which is an iron post 2 ins. in
 diam. 1 ft. above ground, with brass cap, marked and
 witnessed as described by the Surveyor-General,
 whence I run,
 N. 89°39' W. on a true line, bet. secs. 2 & 11.
 Over rolling, broken land.
 2.00 Wash, 30 lks. wide, course S.
 8.00 Wash, 25 lks. wide, course S.
 24.00 Old road, brs. N. & S.
 31.00 Wash, 20 lks. wide, course SSW.
 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. 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.
 66.00 Old road, brs. NE. & SW.
 70.25 Wash, 20 lks. wide, course SW.
 79.98 To cor. of secs. 2, 3, 10 & 11, ~~hereinafter~~ **described**.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Sparse mesquite and sage brush, cacti, good grass.
 At this cor., at noon, the sky is overcast, impracticable
 to make a satisfactory observation for latitude.

N. 0° 1' W., bet. secs. 2 & 3.
 Over rolling land.
 4.75 Road, brs. E. & W.
 13.00 Wash, 30 lks. wide, course SW.
 17.00 Wash, 10 lks. wide, course SW.
 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;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 61.40 Road, brs. E. & W.
 80.81 Entersect N. bdy. of the Twp. 7.00 chs. West of the
 the $\frac{1}{4}$ sec. cor. on S. bdy. sec. 35, Twp. 19 S., R. 24 E.,
 recently estab. by me & described in Book "D" 1.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 2 & 3, marked on
 brass cap, C C, N. of centre,
 T 19 S R 24 E, S 34, S 35, in N. half,
 S 2 in SE., and
 S 3 in SW. quad.;
 dig pits 24x18x12 ins., crosswise on each line, E. & W.
 3 ft., and S. of cor. 7 ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high S. of cor.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Sparse sage brush, cacti, mesquite, fair grass.
 Feb. 13, 1913. J. B. W.

Chains.

BOOK 2492

Feb. 12, 1913. W.H.E.
 At 8h a.m., l.m.t., at the std. cor. of secs. 33 & 34,
 on the S. bdy. of the Tp., recently re-estab. by me & described in Book "B"
 I set off $13^{\circ}42\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}38\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}2'$ W., bet. secs. 33 & 34.
 Over gently rolling, grassy land.

30.00

Asc. grad.
 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
 $\frac{1}{4}$ S 34 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

40.00

47.00

Asc. steep, stony, SW. slope.
 Top of ridge, brs. WNW. & SE., desc. steep N. slope.

77.50

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 27, 28, 33 & 34, marked on
 brass cap, T 20 S R 24 E, in N. half,
 $\frac{1}{4}$ S 28 in NW.,
 $\frac{1}{4}$ S 27 in NE.,
 $\frac{1}{4}$ S 34 in SE., and
 $\frac{1}{4}$ S 33 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, sandy, stony, gravelly.
 Sparse sage brush, cacti, fine grass.

S. $89^{\circ}44'$

E., on a random line, bet. secs. 27 & 34.

40.00

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

79.98

Intersect N. & S. line 2 lks. S. of cor. of
 secs. 26, 27, 34 & 35, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}45'$ W., on a true line, bet. secs. 27 & 34.
 Over rolling land.

8.50

Wash, 40 lks. wide, course SSE.

13.50

Road, brs. SSE. & N., asc. grad.

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 27 in N., and
 $\frac{1}{4}$ S 34 in S. half;

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

60.00

Asc. steep NE. slope.

72.00

Top of N. side of ridge., thence along N. slope.

77.00

Desc. WNW. slope.

79.98

To cor. of secs. 27, 28, 33 & 34, ~~hereinbefore described~~.
 Land, rolling, mts. Soil, 3rd rate, gravelly, stony.
 Sparse sage brush, cacti, good grass.

N. $0^{\circ}2'$ W., bet. secs. 27 & 28.
 Over mts. land, desc.

20.00

Foot, brs. E. & W., 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 28 in W., and
 $\frac{1}{4}$ S 27 in E. half;

dig pits $18 \times 18 \times 12$ ins. N. & S. of cor. 3 ft. dist., and
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

56.00

Road, brs. NW. & SE.

57.00

Wash, 30 lks. wide, course SE., asc. grad.

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 24 E, in N. half,
 $\frac{1}{4}$ S 21 in NW., S 22 in NE.,
 $\frac{1}{4}$ S 27 in SE., and S 28 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, $2\frac{1}{2}$ ft. high W. of cor.

Land, rolling, mts. Soil, 3rd rate, stony, gravelly.
 Sparse sage brush, cacti, good grass.

At this cor., at noon, I set off $13^{\circ}40'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}40\frac{1}{2}'$ N.

BOOK 2492	Chains.	
		S. 89°45' E., on a random line, bet. secs. 22 & 27.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
79.94		Intersect N. & S. line at cor. of secs. 22, 23, 26 & 27, hereinafter described , whence I run,
		N. 89°45' W. on a true line, bet. secs. 22 & 27.
		Over rolling land.
19.80		Road, brs. N. & S.
36.00		Wash, 40 lks. wide, course SW., asc. grad.
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 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.
58.00		Ridge, brs. S. & N., desc. grad.
79.94		To cor. of secs. 21, 22, 27 & 28, hereinafter described .
		Land, rolling.
		Soil, 3rd rate, gravelly, dry.
		Sparse sage brush, mesquite, cacti, fair grass.
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		N. 0° 2' W., bet. secs. 21 & 22.
		Over rolling land, asc. grad.
12.00		Top of rise, brs. E. & W., thence over broken 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 21 in W., and S 22 in E. half;
		raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
40.75		Wash, 10 lks. wide, course SW.
50.25		Wash, 15 lks. wide, course SW.
60.50		Wash, 20 lks. wide, course SW., enter mesquite brush.
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 24 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, broken.
		Soil, 3rd rate, gravelly, dry.
		Mesquite brush, fair grass.
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		S. 89°45' E., on a random line, bet. secs. 15 & 22.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
79.98		Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of secs. 14, 15, 22 & 23, hereinafter described , whence I run,
		N. 89°44' W., on a true line, bet. secs. 15 & 22.
		Over rolling land.
15.00		Wash, 40 lks. wide, course S.
19.00		Road, brs. NE. & SSW.
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 15 in N., and S 22 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.
48.30		Wash, 20 lks. wide, course S.
48.50		Wash, 12 lks. wide, course S.
55.50		Wash, 20 lks. wide, course S.
76.50		Wash, 30 lks. wide, course SSW."
79.98		To cor. of secs. 15, 16, 21 & 22, hereinafter described .
		Land, rolling, broken.
		Soil, 3rd rate, gravelly, dry.
		Sparse mesquite and sage brush, cacti, good grass.
		Feb. 12, 1913.

Chains.

	Feb. 13, 1913.
	At 8h a.m., l.m.t., at the cor. of secs. 15, 16, 21 & 22, hereinbefore described
	I set off $13^{\circ}22\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}41'$ N. on the lat. arc, and determine a meridian with the solar.
	Thence I run,
	N. $0^{\circ}2'$ W., bet. secs. 15 & 16.
	Over rolling land, asc. grad.
15.50	Wash, 10 lks. wide, course SSE., near head.
32.00	Tdp of SE. slope of ridge, brs. NW. & SE., 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 16 in W., and S 15 in E. half;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
40.70	Wash, 40 lks. wide, course ESE.
47.00	Wash, 20 lks. wide, course SE., asc.
55.30	Wash, 20 lks. wide, course SE., asc. steep.
77.00	Ridge, brs. SSW. & NNE., desc.
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 24 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.
	House brs. N. $38^{\circ}40'$ W.
	Land, rolling, hilly, broken.
	Soil, 3rd rate, gravelly, dry.
	Sparse mesquite brush, cacti, fair grass.
	<hr/>
	S. $89^{\circ}44'$ E., on a random line, bet. secs. 10 & 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 10, 11, 14 & 15, hereinbefore described , whence I run, N. $89^{\circ}46'$ W., on a true line, bet. secs. 10 & 15.
	Over mts. land, desc. gradually.
8.00	Windmill brs. N. 3 chs. dist.
11.00	Wash, 20 lks. wide, course S.
13.00	Dim road, brs. NNW. & S.
25.00	Asc. steep.
32.00	Ridge, brs. NNW. & SSE., desc. steep.
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 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.
45.30	Wash, 20 lks. wide, course S., asc. grad.
55.00	Ridge, brs. N. & S., desc. steep.
72.70	Wash, 30 lks. wide, course ESE., asc. grad.
80.02	To cor. of secs. 9, 10, 15 & 16, hereinbefore described .
	Land, rolling, broken, hilly.
	Soil, 3rd rate, gravelly, dry.
	Sparse mesquite brush, cacti, fair grass.
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	N. $0^{\circ}2'$ W., bet. secs. 9 & 10.
	Over rolling land, desc. grad.
2.10	Head of wash, course SE., asc. grad.
4.00	House brs. 4 chs. W., vacant. thence along E. slope.
8.00	Low ridge, brs. WNW. & SE., desc.
10.00	Head of small wash, course SSE., asc. grad.
12.40	Road, brs. SW. & NE.
35.45	Top of spur, brs. NW. & SE., 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 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.
	At this cor., at noon, the sky is overcast, impracticable to observe the lat.

BOOK 2492 Chains.

43.00 Head of wash, course SE., asc.
 48.00 Ridge, brs. NNW. & SE., desc.
 54.40 Wash, 50 lks. wide, course SE., asc.
 61.00 Spur, brs. WNW. & ESE., desc.
 65.40 Head of wash, course SE., asc.
 69.00 Spur, brs. ENE. & WSW., desc.
 75.80 Wash, 30 lks. wide, course ESE., 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 24 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, 1½ ft. high W. of cor.
 Land, rolling, hilly, broken. Soil, 3rd rate, gravelly. Sparse mesquite and sage brush, cacti, fair grass.

S. 89°46' E., on a random line, bet. secs. 3 & 10.
 40.00 Set temp. ¼ sec. cor.
 80.04 Intersect N. & S. line 5 lks. S. of cor. of secs. 2, 3, 10 & 11 hereinbefore described, whence I run N. 89°48' W., on a true line, bet. secs. 3 & 10.
 Over rolling land, through mesquite brush.
 5.30 Wash, 100 lks. wide, course SSE.
 8.40 Wash, 40 lks. wide, course SSE.
 14.90 Road, brs. NE. & SW.
 38.50 Wash, 40 lks. wide, course SSE.
 40.02 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 3 in N., and S 10 in S. half;
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 65.30 Wash, 10 lks. wide, course SE., asc. grad. on spur.
 80.04 To cor. of secs. 3, 4, 9 & 10, hereinbefore described.
 Land, rolling, broken. Soil, 3rd rate, gravelly, sandy. Mesquite brush, cacti, fair grass.

N. 0° 2' W., bet. secs. 3 & 4.
 Over rolling, broken land, asc.
 1.50 Spur, brs. E. & W., desc.
 3.00 Foot, brs. E. & W., desc. grad.
 19.00 Wash, 30 lks. wide, course ESE., asc. steep.
 28.10 Ridge, brs. NW. & SE., desc. steep.
 33.80 Wash, 30 lks. wide, course SE., asc. steep.
 38.20 Rocky point, brs. NW. & SE., desc. steep.
 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 4 in W., and S 30 in E. half;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 43.90 Wash, 40 lks. wide, course SSE., asc. steep.
 68.00 High rocky ridge, brs. WNW. & SE., desc. steep.
 76.00 Wash, 40 lks. wide, course ESE., thence over rolling land.
 80.32 Intersect N. bdy. of Tp. 19 S., R. 24 E., ¼ sec. cor. on S. bdy. sec. 34 Tp. 19 S., R. 24 E., recently estab. by J. B. Wash & described in Book "D"
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 3 & 4, marked on brass cap, C C, N. of centre, T 19 S R 24 E, S 33, S 34, in N. half, S 3 in SE., and S 4 in SW. quad.;
 raise a mound of stone 2 ft. base, 1½ ft. high S. of cor.
 Land, rolling, broken, mts. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, catclaw, fair grass.
 Feb. 13, 1913.

Chains.

BOOK

2492

Feb. 14, 1913.

At 8h a.m., l.m.t., at the Std. cor. of secs. 32 & 33, on the S. bdy. of the Tp. recently re-established & described in Book B I set off $13^{\circ}02'S.$ on the decl. arc, and $31^{\circ}38\frac{1}{2}'N.$ on the lat. arc, and determine a meridian with the solar. Thence I run,

N. $0^{\circ}2'W.$, bet. secs. 32 & 33.

Over gently rolling, grassy 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 32 in W., and S 33 in E. half;

80.00 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. 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 20 S R 24 E, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 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. Soil, 3rd rate, sandy, loose, dry. Sparse sage brush, cacti, yucca, good grass.

S. $89^{\circ}44'E.$, on a random line, bet. secs. 28 & 33.

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

80.00 Intersect N. & S. line at cor. of secs. 27, 28, 33 & 34, ~~hereinbefore described~~, whence I run,

N. $89^{\circ}44'W.$, on a true line bet. secs. 28 & 33.

Over mts. land, desc. steep, stony slope.

14.50 Wash, 20 lks. wide, course SSE., asc. S. point of hill.

20.00 Top of S. point of hill, brs. S. & N., desc.

30.00 Foot, brs. NW. & SE., desc. grad.

37.00 Wash, 10 lks. wide, course S.

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 28 in N., and S 33 in S. half;

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

53.30 Wash, 80 lks. wide, course SSE.

58.80 Wash, 20 lks. wide, course S.

75.63 Road, brs. N. & S.

80.00 To cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~. Land, mts., broken, rolling. Soil, 3rd rate, gravelly. Greasewood, cacti, sage brush, fair grass.

N. $0^{\circ}2'W.$, bet. secs. 28 & 29.

Over rolling land, fair grass.

12.70 Road, brs. NNW. & SSE.

As $\frac{1}{4}$ sec. cor will fall in wash, at

39.30 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap, W $0\frac{1}{4}$ N. of centre S 28 in SE., and S 29 in SW. quad.; from which,

A walnut tree 14 ins. diam. brs. S. $73\frac{3}{4}^{\circ}E.$ 112 lks. dist., marked $\frac{1}{4}$ S 28 W C B T.

A walnut tree 14 ins. diam. brs. S. $82\frac{1}{2}^{\circ}W.$ 100 lks. dist., marked $\frac{1}{4}$ S 29 W C B T.

40.00 ^{1/4 sec.} Cor. point in wash, 1 ch. wide, course SSE., asc. 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 24 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.

Windmill of W. C. Cowan brs. S. $80^{\circ}06'W.$, about 17 chs.

Land, rolling. Soil, 3rd rate, sandy, gravelly.

Greasewood, sage brush, cacti, fair grass.

BOOK 2492

Chains.	
	S. 89°44' E., on a random line, bet. secs. 21 & 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line at a point 5 lks. S. of cor. of secs. 21, 22, 27 & 28, hereinbefore described , whence I run, N. 89°46' W., on a true line, bet. secs. 21 & 28. Over heavily rolling land.
20.00	Road, brs. NW. & SE., asc. grad.
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 21 in N., and S 28 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. At this cor., at noon, I set off 13° on the decl. arc, and and observe the sun on the meridian. The resulting lat. is 31° 40 $\frac{1}{2}$ ' N.
44.00	Top of rise, brs. N. & S., desc. grad.
51.50	Wash, 1 ch. wide, course S., asc.
76.00	Top of S. point of ridge, brs. SSE. & NNW., desc.
80.04	To cor. of secs. 20, 21, 28 & 29, hereinbefore described . Land, rolling. Soil, 3rd rate, gravelly, dry. Greasewood, cacti, sage brush, fair grass.
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	N. 0° 2' W., bet. secs. 20 & 21. Over heavily rolling land, asc. grad.
14.00	On top of ridge, brs. SSE. & NNW., desc. grad.
24.00	Head of gulch, course SE., asc.
30.00	Spur, brs. SE. & 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 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. Asc. from cor.
50.00	Spur, brs. SE. & NW., desc.
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 24 E, in N. half, S 17 in NW., 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, broken. Soil, 3rd rate, gravelly, dry. Sage brush, catclaw, cacti, greasewood, fair grass.
<hr/>	
	S. 89°46' E., on a random line, bet. secs. 16 & 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. & S. line 2 lks. N. of cor. of secs. 15, 16, 21 & 22, hereinbefore described , whence I run, N. 89°45' W., on a true line, bet. secs. 16 & 21. Over heavily rolling, broken land, through scrub mesquite.
21.40	Wash, 30 lks. wide, course SSW.
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 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.
58.00	Wash, 50 lks. wide, course S.
64.80	Old road, brs. NW. & SE.
68.50	Wash, 80 lks. wide, course S.
74.80	Old road, brs. N. & S.
79.98	To cor. of secs. 16, 17, 20 & 21, hereinbefore described . Land, rolling. Soil, 3rd rate, gravelly, dry. Greasewood, scrub mesquite, catclaw, cacti, fair grass. Feb. 14, 1913.

Chains.

	Feb. 15, 1913.
	At 8h a.m., l.m.t., at the cor. of secs. 16, 17, 20 & 21, ^{hereinbefore described} I set off $12^{\circ}41\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}41'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}2'$ W., bet. secs. 16 & 17. Over grassy, stony land.
11.00	Wire fence, brs. NNE. & SSW.
12.80	Wire fence, brs. NW. & SE.
22.10	Road, brs. NW. & SE.
39.20	Road, 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 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.
50.30	Ridge, brs. E. & W., desc. grad.
65.00	Over rolling land.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 8 ins. in the ground, on bed-rock, in mound of stone for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T 20 S R 24 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. Soil, 3rd rate, gravelly, stony. Scrub mesquite, catclaw, cacti, good grass.
40.00	S. $89^{\circ}45'$ E., on a random line, bet. secs. 9 & 16. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. & S. line 5 lks. S. of cor. of secs. 9, 10, 15 & 16, hereinbefore described , whence I run, N. $89^{\circ}47'$ W., on a true line, bet. secs. 9 & 16. Over rolling land, asc.
2.00	Ridge, brs. SE. & NW., desc.
16.50	Road, brs. NE. & SW.
20.00	Wash, 20 lks. wide, course SW., asc. grad.
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 S 16 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
40.80	Flat ridge, brs. S. & N., desc. grad.
45.00	Wash, 10 lks. wide, course S., asc.
48.60	Ridge, brs. N. & S., desc.
62.20	Wash, 30 lks. wide, course S., asc.
79.96	To cor. of secs. 8, 9, 16 & 17, hereinbefore described . Land, rolling, broken. Soil, 3rd rate, gravelly, stony, dry, granite gravel. Sparse scrub mesquite, catclaw, cacti, fair grass.
23.30	N. $0^{\circ}2'$ W., bet. secs. 8 & 9. Over rolling, broken land, asc. grad.
33.00	Ridge, brs. SW. & NE., desc.
40.00	Wash, 40 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 8 in W., and S 9 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.
57.30	Wash, 50 lks. wide, course SW.
59.20	Wash, 20 lks. wide, course SSW.
71.00	Same wash, course SSE.
72.00	Same wash, course SSW., asc. grad.

BOOK 2492

Chains.

- BOOK 2492
- 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 24 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, 1½ ft. high W. of cor.
Land, rolling, broken.
Soil, 3rd rate, gravelly, dry.
Scrub mesquite, catclaw, cacti, fair grass.
At this cor. at noon, I set off 12°39' S. on the decl. arc and observe the sun on the meridian.
The resulting lat. is 31°43' N.
-
- 40.00 S. 89°47' E., on a random line, bet. secs. 4 & 9.
Set temp. ¼ sec. cor.
- 80.02 Intersect N. & S. line 5 lks. N. of cor. of secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence I run, N. 89°45' W., on a true line, bet. secs. 4 & 9.
Over rolling, grassy land.
- 9.80 Asc. stony slope.
- 14.80 Ridge, brs. N. & S., desc. steep.
- 21.30 Spring, in wash, 20 lks. wide, course N., asc. steep.
- 25.20 Top of high rocky ridge, brs. SE. & NW., desc. steep.
- 40.01 Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground, on bed-rock, in mound of stone for ¼ sec. cor., marked on brass cap,
¼ S 4 in N., and
S 9 in S. half;
raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
Desc. along S. slope, from cor.
- 50.70 Wash, 30 lks. wide, course S., desc. grad.
- 72.80 Wash, 20 lks. wide, course SW.
- 80.02 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~.
Land, rolling, mts., broken.
Soil, 3rd rate, stony, gravelly, granite gravel, dry.
Sparse scrub mesquite, cacti, fair grass.
-
- N. 0° 2' W., bet. secs. 4 & 5.
Over mts. land, desc.
- 8.90 Wash, 70 lks. wide, course SSW., asc. steep!
- 33.00 Wire fence, brs. E. & W.
- 34.20 High ridge, brs. E. & W., desc. steep.
- 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 5 in W., and
S 4 in E. half;
raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
- 44.20 Wash, 20 lks. wide, course W., asc. steep.
- 56.00 Ridge, brs. ESE. & WNW., desc. across head of wash.
- 60.00 Head of wash, course W., asc.
- 64.20 Ridge, brs. E. & W., desc. steep.
- 76.00 Wire fence, brs. E. & W., asc. steep.
- 78.60 Ridge, brs. E. & W., desc.
- 79.95 Intersect N. bdy. of Tp. 17.22, chs. West of the point whence, ¼ sec. cor. on S. bdy. sec. 33, Tp. 19 S., R. 24 E., ~~recently estab. by J. B. W. & described in Book "D"~~
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 4 & 5, marked on brass cap, C C, N. of centre,
T 19 S R 24 E, S 32 S 33 in N. half
S 4 in SE., and
S 5 in SW. quad.;
raise a mound of stone 2 ft. base, 1½ ft. high S. of cor.
Land, rolling, mts., broken.
Soil, 3rd rate, gravelly, stony, dry.
Greasewood, catclaw, cacti, scrub mesquite, fair grass.
Feb. 15, 1913. W. H. E.

Chains.

J. B. W. BOOK

2492

Feb. 14, 1913. At 8h a.m., l.m.t., at the ^{the} Std. cor. of secs. 31 & 32, on the S. bdy. of the Tp., recently re-estab. by W.H.E. & described in Book B I set off $13^{\circ}02'$ S. on the decl. arc, and $31^{\circ}38\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar.

Thence I run, N. $0^{\circ} 3' W.$, bet. secs. 31 & 32.
Over gently rolling land, good grass.

32.00
40.00

Road, brs. ESE. & WNW.
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;

80.00

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.
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 20 S R 24 E, in N. half, S 30 in NW., S 29 in NE., S 32 in SE., and S 31 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, gently rolling. Soil, 3rd rate, gravelly, sandy. Sparse cacti, yucca, good grass.

40.00
80.00

S. $89^{\circ}44'$ E. on a random line, bet. secs. 29 & 32.
Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~, whence I run,

N. $89^{\circ}45'$ W., on a true line, bet. secs. 29 & 32.
Over rolling, grassy 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 29 in N., and S 32 in S. half;

80.00

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.
To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.
Land, rolling. Soil, 3rd rate, gravelly, sandy, loose. Yucca, and other cacti, fair grass.

40.00
79.89

N. $89^{\circ}44'$ W., on a random line, bet. secs. 30 & 31.
Set temp. $\frac{1}{4}$ sec. cor.

Intersect West bdy. of Tp. 2 lks. N. of cor. of secs. 25, 30, 31 & 36, ~~recently estab. by me & described in Book D~~, whence

S. $89^{\circ}45'$ E., on a true line, bet. secs. 30 & 31.
Over gently rolling, grassy land.

39.89

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;

79.89

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.
To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.
Land, gently rolling, level.
Soil, 3rd rate, sandy, loose, dry.
Sparse greasewood, sage brush, yucca, cacti, good grass.

BOOK 2492

Chains.

- N. $0^{\circ} 3'$ W., bet. secs. 29 & 30.
Over gently rolling, grassy 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 30 in W., and
S 29 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. 19, 20, 29 & 30, marked on brass cap, T 20 S R 24 E, in N. half,
S 19 in NW.,
S 20 in NE.,
S 29 in SE., and
S 30 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, 3rd rate, sandy, gravelly, dry.
Sparse sage brush, cacti, greasewood, good grass.
At this cor., at noon, I set off 13° S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $31^{\circ} 40\frac{1}{2}'$ N.
-
- S. $89^{\circ} 45'$ E., on a random line, bet. secs. 20 & 29.
Set temp. $\frac{1}{4}$ sec. cor.
- 40.00 Intersect N. & S. line 7 lks. N. of cor. of
79.96 secs. 20, 21, 28 & 29, ~~hereinbefore described~~, whence I run,
N. $89^{\circ} 42'$ W., on a true line, bet. secs. 20 & 29.
Over gently rolling land, desc. grad.
- 20.00 Wash, 1 ch. ~~wide, course SSE.~~
- 24.00 Road, brs. NNW. & SSE.
- 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 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.
- 79.96 To cor. of secs. 19, 20, 29 & 30, ~~hereinbefore described~~.
Land, rolling.
Soil, 3rd rate, sandy, gravelly, loose, dry.
Sage brush, greasewood, cacti, good grass.
-
- N. $89^{\circ} 45'$ W., on a random line, bet. secs. 19 & 30.
Set temp. $\frac{1}{4}$ sec. cor.
- 40.00 Intersect W. bdy. of Tp". 2 lks. S. of cor. of
79.76 secs. 19, 24, 25 & 30, ~~recently estab. by me, & described in Book D~~, whence I run
- S. $89^{\circ} 44'$ E., on a true line, bet. secs. 19 & 30.
Over gently rolling land, good grass.
- 4.00 Road, brs. NE. & SW.
- 39.76 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 18x18x12 ins. N. & 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.
- 79.76 To cor. of secs. 19, 20, 29 & 30, ~~hereinbefore described~~.
Land, rolling.
Soil, 3rd rate, sandy, loose, gravelly, dry.
Sparse sage brush, greasewood, cacti, good grass.

Chains.

BOOK 2492

N. $0^{\circ} 3'$ W., bet. secs. 19 & 20.
 Over gently rolling, grassy plain.
 36.40 Wire fence, brs. E. & W., 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 19 in W., and
 S 20 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.
 58.00 Top of E. side of hill, desc.
 74.00 Wash, 20 lks. wide, course E.
 76.40 Wire fence, 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. 17, 18, 19 & 20, marked on
 brass cap, T 20 S R 24 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, rolling. Soil, 3rd rate, sandy, gravelly, dry.
 Sparse sage brush, greasewood, cacti, fair grass.

S. $89^{\circ} 42'$ E., on a random line, bet. secs. 17 & 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. & S. line 2 lks. S. of cor. of
 secs. 16, 17, 20 & 21, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ} 43'$ W., on a true line, bet. secs. 17 & 20.
 Over rolling land, asc. grad.
 7.10 Wire fence, brs. SSW. & NNE.
 20.00 Ridge, brs. NNW. & SSE., desc. steep.
 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 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.
 desc. grad. from cor.
 54.40 "S O" ranch house brs. S. 40 lks. dist., owned by
 W. C. Cowan, well, windmill, corrals, etc. adjoining.
 61.00 Wash, 200 lks. wide, course SSE.
 63.15 Wire fence, brs. ENE. & WSW.
 80.02 To cor. of secs. 17, 18, 19 & 20, ~~hereinbefore described~~.
 Land, rolling, hilly.
 Soil, 3rd rate, gravelly, dry, granite gravel.
 Sparse sage brush, cacti, fair grass.
 Cottonwood, willow, walnut trees in wash, near ranch
 house.

Feb. 14, 1913.

BOOK 2492	Chains.	
		Feb. 15, 1913. (hereinbefore described)
		At 8h a.m., l.m.t., at the cor. of secs. 17, 18, 19 & 20,
		I set off $12^{\circ}41\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}41'$ N. on
		the lat. arc, and determine a meridian with the solar.
		Thence I run,
		N. $89^{\circ}44'$ W., on a random line, bet. secs. 18 & 19.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
79.62		Intersect W. bdy. of Tp. 5 lks. N. of cor. of
		secs. 13, 18, 19 & 24, recently estab. by me, & described in Book D, whence I run,
		S. $89^{\circ}46'$ E., on a true line, bet. secs. 18 & 19.
		Over heavily rolling land, through dense brush.
10.50		Wash, 25 lks. wide, course SW.
39.62		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;
		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.
46.75		Old road, brs. NNE. & S.
78.00		Low ridge, brs. S. & N., desc. grad.
79.62		To cor. of secs. 17, 18, 19 & 20, hereinbefore described.
		Land, rolling.
		Soil, 3rd rate, gravelly, sandy, dry.
		Greasewood, scrub mesquite and catclaw, cacti, fair grass.
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		N. $0^{\circ}3'$ W., bet. secs. 17 & 18.
		Over heavily rolling, broken land.
5.20		Road, brs. E. & W.
26.00		Top of spur, brs. E. & W., from ridge to 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 18 in W., and
		S 17 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.
		Enter mesquite brush.
52.00		Wash, 20 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. 7, 8, 17 & 18, marked on
		brass cap, T 20 S R 24 E, in N. half,
		S 7 in NW.,
		S 8 in NE.,
		S 17 in SE., and
		S 18 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, dry.
		Mesquite and catclaw brush, cacti, fair grass.
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		S. $89^{\circ}43'$ E., on a random line, bet. secs. 8 & 17.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
80.00		Intersect N. & S. line 5 lks. S. of cor. of
		secs. 8, 9, 16 & 17, hereinbefore described, whence I run,
		N. $89^{\circ}45'$ W., on a true line, bet. secs. 8 & 17.
		Over rolling land.
14.00		Wash, 80 lks. wide, course S., asc. grad.
34.00		Low ridge, brs. N. & S., desc.
36.20		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 8 in N., and S 17 in S. half;
		raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
41.00		Asd.
51.00		Ridge, brs. N. & S., desc.
55.50		Wash, 60 lks. wide, course SE., asc.
73.30		Ridge, brs. N. & S., desc.
76.40		Wash, 80 lks. wide, course SSE.
80.00		To cor. of secs. 7, 8, 17 & 18, hereinbefore described.
		Land, rolling. Soil, 3rd rate, gravelly.
		Mesquite and catclaw brush, greasewood, fair grass.

Chains.	
40.00	N. 89°46' W., on a random line, bet. secs. 7 & 18. Set temp. $\frac{1}{4}$ sec. cor.
79.41	Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 7, 12, 13 & 18, recently estab. by me & described in Book D, whence I run, S. 89°44' E., on a true line, bet. secs. 7 & 18. Over heavily rolling, broken land, dense brush.
1.25	Wash, 25 lks. wide, course S., asc. grad.
39.41	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.
40.25	Top of N. slope of hill, brs. S. & N., desc. grad.
79.41	To cor. of secs. 7, 8, 17 & 18, hereinbefore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite brush, catclaw, greasewood, cacti, fair grass. At this cor., at noon, I set off $\sqrt{12^2+39^2}$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31°42' N.
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40.00	N. 0° 3' W., bet. secs. 7 & 8. Over broken land, through 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 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.
62.00	Wash, 100 lks. wide, course ESE. scattering walnut and oak trees in same.
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 24 E, in N. half, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quad.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite brush, catclaw, cacti, few oak and walnut trees.
<hr/>	
40.00	S. 89°45' E., on a random line, bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. & S. line 7 lks. N. of cor. of secs. 4, 5, 8 & 9, hereinbefore described, whence I run, N. 89°42' W., on a true line, bet. secs. 5 & 8. Over broken land, through dense brush.
5.50	Wash, 20 lks. wide, course SW.
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 5 in N., and S 8 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.
76.30	Road, brs. N. & S.
79.96	To cor. of secs. 5, 6, 7 & 8, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, greasewood, cacti, fair grass.

Chains.

BOOK 2492

N. 89°44' W., on a random line, bet. secs. 6 & 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.25 Intersect W. bdy. of Tp. 2 lks. N. of cor. of
 secs. 1, 6, 7 & 12, recently estab. by me & described in Book "D", whence I run,
 S. 89°45' E., on a true line, bet. secs. 6 & 7.
 Over mts. land, asc. along N. side of ridge.
 27.25 Top of N. side of ridge, brs. E. & W., desc. steep.
 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 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.
 49.00 Desc. grad.
 76.25 Wash, 150 lks. wide, course S.
 79.25 To cor. of secs. 5, 6, 7 & 8, hereinbefore described.
 Land., rolling, broken, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Greasewood, sage brush, mesquite, cacti, fair grass.

N. 0° 3' W., bet. secs. 5 & 6.
 Over mts., broken land.
 3.90 Wash, 1 ch. wide, course SSW.
 12.00 Wash, 1 ch. wide, course SSE.
 16.00 Road, brs. NW. & SE.
 21.40 Wire fence, brs. NW. & SE., asc.
 38.00 Top of W. end of 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 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.
 House of A. C. Stockton, brs. N. 52° W., about 17 chs.
 46.90 Wash, 20 lks. wide, course W., asc.
 54.00 Ridge, brs. E. & W., desc.
 62.25 Wire fence, brs. E. & W.
 64.50 Wash, 30 lks. wide, course W.
 65.40 Road, brs. E. & W.
 68.75 Wash, 50 lks. wide, course W.
 79.43 Intersect N. bdy. of Tp. 7.05 chs. West of
 the $\frac{1}{4}$ sec. cor., on S. bdy. sec. 32, Tps 19 S., R. 24 E.,
 recently estab. by me & described in Book "D"
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 5 & 6, marked on
 brass cap, C C, N. of centre,
 T 19 S R 24 E, S 31 S 32, in N. half
 S 5 in SE., and
 S 6 in SW. quadrants;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor.
 Land, very broken, mts. Soil, 3rd rate, gravelly, stony.
 Mesquite, greasewood, and other brush, fair grass.

J. B. W.

General Description.

T. 20 S., R. 24 E. is rolling in the southern, broken or heavily rolling in the interior, and mountainous in the northern portions.
 There is some good agricultural land in the southern portion, and in the valleys of the larger draws of the northern and central parts.
 A. C. Stockton, W. C. Cowan, and B. J. Tonn have located and made substantial improvements such as houses, windmills, corrals, fences, etc. in secs. 6, 20, and 16, respectively.
 There is no timber in the Tp. Water is found at depths of from 40 to 60 ft. in several places, also several small springs were noted, the permanency however of which is doubtful. The mountainous part of the Tp. shows indications of mineral, and considerable prospecting has been done, as evidenced by numerous small shafts and tunnels. No mines being worked at present.
 The rock formation is granite, with outcroppings of porphyry.

Feb. 15, 1913.

James B. Wright & William H. Elliot - U. S. Surveyors.

For **CERTIFICATE OF ASSISTANTS.**

See Book "C"

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,
 _____, U. S. Surveyor, during the periods and in the capacities
 stated opposite our several signatures, in surveying 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 him, and under his direc-
 tion; and that said survey has been, in all respects, to the best of our knowledge and belief, well and
 faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	

Subscribed and certified to before me on the dates of the final service as shown above.

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BOOK 2492 For

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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, 191 13.

The foregoing field notes of the survey of _____
Subdivision of Township 20 South, Range 24 East, of the
Gila and Salt River Base and Meridian, Arizona,

executed by Jesse B. Wright and William H. Elliott, U.S. Surveyors,
under ~~his~~ ^{their 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.~~