

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 19 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, under ^{supplemental} instructions dated Jan. 13, 1913, ~~1912~~,

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, Jan. 18, 1913, pursuant to authority contained in the Act of

Congress dated Aug. 24, 1912.

Survey commenced Feb. 16, 1913, 191

Survey completed Feb. 24, 1913, 191

1A84

BOOK 2493

INDEX DIAGRAM.

Township 19 S., Range 24 E.

6	29	5	21	4	16	3	11	2	6	1
28		28		21		16		10		6
7	27	8	20	9	16	10 ▲ 2105	10	11	5	12
27		26		20		15		10		5
18	26	17	20	16	15	15	9	14	4	13
25		25		19		14		9		3
19	25	20	19	21	14	22	8	23	3	24
24		24		18		13		8		2
30	23	29	18	28	13	27	7	26	2	25
23		22		17		12		7		1
31	22	32	17	33	12	34	7	35	1	36

— Book "D" —

Chains.

BOOK

2493

Survey commenced Feb. 16, 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 respectively, as heretofore described in Book—

Knowing from recent and repeated tests made on a true meridian established by observation of Polaris, that our instruments are in correct adjustment, we proceed as follows : —

(Initials J. B. W. & W. H. E. indicate lines run by Wright and Elliott, respectively.)

J. B. W.

Feb. 16, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 35 & 36, on the S. bdy. of the Tp., 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, I set off $12^{\circ}21'$ S. on the decl. arc, and $31^{\circ}44'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instruction,

N. $0^{\circ}1'$ W., bet. secs. 35 & 36 .

Over broken land, asc. grad.

Var. $13^{\circ}15'$ E.

- 5.00 Low ridge, brs. NNE. & SSW., desc. grad.
 8.00 Head of wash, course SSW., asc. grad.
 12.00 Low ridge, brs. E. & W., desc.
 30.00 Head of wash, 10 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;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 41.00 Windmill, 4 chs. to E.
 45.10 Wash, 120 lks. wide, course ESE., asc.
 56.00 Ridge, brs. NNW. & SSE., thence along E. slope.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap, T 19 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.
 Land, broken. Soil, 3rd rate, granite gravel.
 Scrub oak, cacti, fair grass.

East, on a random line, bet. secs. 25 & 36.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect East bdy. of Tp. 2 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. $89^{\circ}59'$ W., on a true line, bet. secs. 25 & 36.
 Over heavily rolling land.
 30.00 Wash, 20 lks. wide, course SE., asc.
 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 25 in N., and
 S 36 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 Cor. on top of ridge, brs. NW. & SE., desc.
 45.00 Wash, 20 lks. wide, course S., asc.
 46.90 Top of SE. point of spur, brs. SE. & NW., desc.
 48.80 Wash, 25 lks. wide, course SE., asc. along N. slope.
 64.00 Ridge, brs. ESE. & WNW., desc.
 67.00 Wash, 40 lks. wide, course SE., asc. grad.
 80.04 To cor. of secs. 25, 26, 35 & 36, hereinbefore described.
 Land, rolling, broken.
 Soil, 3rd rate, sandy, granite gravel.
 Sparse scrub oak, cacti, fair grass.

BOOK 2493	Chains.	
		N. $0^{\circ} 1'$ W., bet. secs. 25 & 26. Over heavily rolling, broken land, asc. steep.
	5.00	Ridge, brs. E. & W., desc. grad.
	16.33	Wash, 20 lks. wide, course ESE., asc. grad.
	26.00	Ridge, brs. NE. & SW., desc.
	27.90	Wash, 20 lks. wide, course NE., asc.
	32.30	E. point of ridge, brs. E. & W., desc. steep.
	33.80	Wash, 15 lks. wide, course E., asc. steep.
	38.00	Spur, 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 26 in W., and S 25 in E. half; from which, An oak tree 4 ins. diam. brs. S. $35\frac{1}{2}^{\circ}$ E. 14 lks. dist., marked $\frac{1}{4}$ S 25 B T. An oak tree 6 ins. diam. brs. S. 35° W. 45 lks. dist., marked $\frac{1}{4}$ S 26 B T.
	46.90	Wash, 10 lks. wide, course NE., asc.
	53.10	Spur, brs. ENE. & SW., desc.
	57.00	Wash, 15 lks. wide, course E., asc.
	60.00	Spur, brs. E. & W., desc.
	66.40	Wash, 15 lks. wide, course E., asc.
	70.00	Spur, brs. E. & W., desc.
	76.90	Wash, 10 lks. wide, course E., asc.
	78.00	Low point of spur, brs. E. & W., desc.
	79.00	Wash, 10 lks. wide, course E., asc.
	80.00	Set an iron post 3 ft. long, 2 ins. in diam. 10 ins. in the ground, on bed-rock, in mound of stone for cor. of secs. 23, 24, 25 & 26, marked on brass cap, T 19 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. No bearings available, pits impracticable. At this cor., at noon, I set off $12^{\circ} 18\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ} 45\frac{1}{2}'$ N. <u>Land, very broken. Soil, 3rd rate, gravelly. Fair grass.</u>
	40.00	S. $89^{\circ} 59'$ E., on a random line, bet. secs. 24 & 25. Set temp. $\frac{1}{4}$ sec. cor.
	80.04	Intersect E. bdy. of Tp. $2\frac{1}{2}$ lks. N. 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. $89^{\circ} 58'$ W., on a true line, bet. secs. 24 & 25. Over heavily rolling land.
	35.20	Wash, 25 lks. wide, course 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 24 in N., and S 25 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
	41.40	Ridge, brs. NW. & SE.,
	56.00	Wash. 40 lks. wide, course ESE., asc. grad. along S. slope of spur.
	69.20	Knoll, on spur, brs. E. & W., desc. grad.
	80.04	To cor. of secs. 23, 24, 25 & 26, hereinbefore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sparse scrub oak, greasewood, cacti, fair grass.

Chains.

BOOK

2493

- N. $0^{\circ} 1'$ W., bet. secs. 23 & 24.
Over rough, heavily rolling land, asc. grad.
- 5.85 Spur, brs. E. & W., desc.
10.00 Wash, 40 lks. wide, course E., asc.
14.10 Spur, brs. E. & W., desc.
19.10 Wash, 20 lks. wide, course ESE., asc.
27.40 Spur, brs. ESE. & WNW., desc.
30.00 Wash, 40 lks. wide, course SE., asc.
39.20 Ridge, brs. SE. & NW., 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 23 in W., and S 24 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 55.00 Wash, 30 lks. wide, course E., asc. steep.
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 19 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, very broken, mts.
Soil, 3rd rate, granite gravel.
Sparse scrub oak, cacti, fair grass.
-
- S. $89^{\circ} 58'$ E., on a random line, bet. secs. 13 & 24.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect E. bdy. of Tp. 5 lks. N. 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 and witnessed as described by the Surveyor General, whence I run,
N. $89^{\circ} 56'$ W., on a true line, bet. secs. 13 & 24.
Over heavily rolling land.
- 15.00 Wash, 20 lks. wide, course NE., asc.
25.00 Ridge, brs. N. & S., desc. steep.
38.00 Wash, 15 lks. wide, course SSE.,
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 13 in N., and S 24 in S. half; from which,
An oak tree 5 ins. diam. brs. S. $70\frac{1}{2}^{\circ}$ E. 75 lks. dist., marked $\frac{1}{4}$ S 24 B T.
An oak tree 5 ins. diam. brs. N. $43\frac{1}{2}^{\circ}$ W. 7 lks. dist., marked $\frac{1}{4}$ S 13 B T.
- 63.80 Wash, 15 lks. wide, course SE., heads 12 chs. to NW. asc.
80.06 To cor. of secs. 13, 14, 23 & 24, hereinbefore described.
Land, rolling, broken.
Soil, 3rd rate, sandy, gravelly.
Sparse scrub oak, cacti, native grass.
Feb. 16, 1913. J. B. W.

Chains.

BOOK 2493

Feb. 19, 1913. W. H. E.
 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,
 as hereinbefore described,
 I set off $11^{\circ}18'$ S. on the decl. arc, and $31^{\circ}46'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}1'$ W., bet. secs. 13 & 14.
 Over rolling, broken land, asc.
 2.00 Ridge, brs. NNE. & SSW., desc. steep.
 10.50 Wash, 30 lks. wide, course NW., asc.
 14.50 Spur, brs. E. & W., desc. steep.
 28.10 Wash, 25 lks. wide, course NNE., asc. grad.
 32.00 Low ridge, brs. NE. & SW., desc.
 36.20 Wash, 50 lks. wide, course NE., asc.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in
 the ground, on bed-rock, in mound of stone 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.
 Thence along NE. slope of hill, desc. grad.
 48.85 Intersect line 2-3 of Empire State Lode, survey No. 1727
 at a point whence,
 Cor. No. 2 of said claim brs. N. $59^{\circ}30'$ W. 195 lks. dist.,
 Cor. No. 3 of said claim brs. S. $59^{\circ}30'$ E. 714 lks. dist.,
 Cors. being wooden posts 4x4 ins. properly marked.
 52.67 Intersect line 1-2 of above claim at a point whence,
 Cor. No. 2 brs. S. $30^{\circ}30'$ W. 328 lks. dist.
 Cor. No. 1 brs. N. $30^{\circ}30'$ E. 19.49 chs. dist.,
 a wooden post 4x4 ins. properly marked.
 55.20 Wash, 15 lks. wide, course ENE., asc. steep.
 69.20 Top of high rocky hill, brs. NNE. & SSW.,
 70.51 U. S. L. M. No. 1727 brs. N. $88^{\circ}19'$ E. 9.89 chs. dist.
 75.50 Intersect line 1-4 of Eda Lode, Survey No. 1727 at a
 point whence,
 Cor. No. 4 of said claim brs. N. $58^{\circ}58'$ W. 7.95 chs. dist.
 Cor. No. 1 of said claim brs. S. $58^{\circ}58'$ E. 13.81 chs. dist.
 Cor. being 4x4 posts properly marked.
 74.70 Desc. steep.
 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 19 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, rough, broken, mts. Soil, 3rd rate, gravelly, stony.
 Scrub oak, cacti, sparse grass.

Chains.	
40.00	S. 89°56' E., on a random line, bet. secs. 12 & 13.
80.04	Set temp. $\frac{1}{4}$ sec. cor. Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 7, 12, 13 & 18, which is an iron post 3 ins. diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor General, whence I run, N. 89°58' W., on a true line, bet. secs. 12 & 13. Over mts. land, asc.
34.95	Intersect Line 2-3 of Trenton Lode, survey No. 1727 at a point whence, Cor. No. 3 of said claim brs. N. 30°30' E. 130 lks. dist., Cor. No. 2 of said claim brs. S. 30°30' W. 8.79 chs. dist., Cors. being 4x4 posts, properly marked.
38.40	Ridge, brs. N. & S., desc. steep.
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 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.
45.20	Enter wash, course NNE.
52.00	Road, brs. NNE. & SSW.
53.90	Leave wash, asc. steep.
61.25	Intersect Line 1-4 of Dragon Chief Lode, survey No. 1727 at a point whence; Cor. No. 1 of said Lode brs. S. 30°30' W. 4.48 chs. dist., Cor. No. 4 of said lode brs. N. 30°30' E. 4.64 chs. dist., Cors. being wooden posts 4x4 ins., properly marked.
65.55	Ridge, brs. NE. & SW., desc. steep.
69.95	Intersect Line 2-3 of Eda Lode, survey No. 1727 at a point whence, Cor. No. 2 of said Lode brs. S. 58°58' E. 7.50 chs. dist., Cor. No. 3 of said Lode brs. N. 58°58' W. 14.46 chs. dist. *
76.00	Wash, 15 lks. wide, course NNE.
80.04	To cor. of secs. 11, 12, 13 & 14, hereinbefore described. Land, rolling, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Scrub oak, cacti, fair grass.
<hr/>	
	N. 0° 1' W., bet. secs. 11 & 12. Over heavily rolling, broken land, desc.
0.80	Wash, 40 lks. wide, course NNE., asc. steep.
4.00	Top of hill, brs. NE. & SW., desc. steep.
6.05	Intersect Line 2-3 of Eda Lode at a point whence, Cor. No. 3 brs. N. 58°58' W. 2.52 chs. dist. Cor. No. 2 brs. S. 58°58' E. 19.24 chs. dist.
27.80	Wash, 20 lks. wide, course NE.
38.90	Wash, 50 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 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. At this cor., at noon, I set off 11°15 $\frac{1}{2}$ ' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31° 47 $\frac{1}{2}$ ' N.
40.70	Road, brs. E. & W.
49.00	Wash, 20 lks. wide, course ENE., asc.
57.00	Knoll, brs. E. & W., desc. through mesquite brush.
65.10	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. 1, 2, 11 & 12, marked on brass cap, T 19 S R 24 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, heavily rolling, broken. Soil, 3rd rate, gravelly. Mesquite catclaw, cacti, fair grass.

Chains.

40.00	S. 89°58' E., on a random line, bet. secs. 1 & 12. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect E. bdy. of Tp. at cor. of secs. 1, 6, 7 & 12, 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°58' W., on a true line, bet. secs. 1 & 12. Over rolling land, desc. grad.
18.00	S. point of ridge, brs. SSE & N., desc. grad.
19.00	Wash, 10 lks. wide, course SSE., asc. grad.
24.50	N. point of spur, brs. N. & S., desc.
28.50	Wash, 15 lks. wide, course SSE., asc.
35.50	Ridge, brs. NNW. & SSE., desc.
40.01	Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground to bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 1 in N., and S 12 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
69.00	Road, brs. NNE. & SSE.
71.90	Wash, 30 lks. wide, course N.
80.02	To cor. of secs. 1, 2, 11 & 12, hereinbefore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, fair grass.
40.00	N. 0° 1' W., on a random line, bet. secs. 1 & 2. Set temp. $\frac{1}{4}$ sec. cor.
85.61	Intersect N. bdy. of Tp. at cor. of secs. 1, 2, 35 & 36, which is an granite stone 9x6x4 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run, S. 0° 1' E., on a true line, bet. secs. 1 & 2. Over rolling land, desc. grad.
12.04	Wash, 1 ch. wide, course NNE.
34.96	Same wash, course NNW., from S., thence in same.
40.00	Leave wash, course N., from SSW.
44.00	Windmill and tank brs. West, 4 chs. dist.
45.61	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.
56.30	Road, brs. NNW. & SSE.
72.95	Same wash as above, course NNW.
76.90	Same wash, course NNE.
85.61	To cor. of secs. 1, 2, 11 & 12, hereinbefore described. Land, rolling. Soil, 3rd rate, sandy, gravelly, dry. Sage brush, greasewood, cacti, fair grass. Feb. 19, 1913.

BOOK 2433

Chains.

- Feb. 16, 1913.
At 8h a.m., l.m.t., at the cor. of secs. 34 & 35,
on the S. bdy. of the Tp. recently established by J. B. W. & described in Book D
I set off $12^{\circ}21'$ S. on the decl. arc, and $31^{\circ}44'$ 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 heavily rolling land, asc. grad.
- 10.00 Asc. steep.
20.50 Ridge, brs. NE. & SW., desc. steep.
35.00 Wash, 10 lks. wide, course WNW., asc. 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 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 Highest point of slope to E.
53.70 Engine house of old mine on line.
59.30 House 11 chs. to W.
62.70 House 2 chs. to W., unoccupied.
78.00 Spur, brs. W. & E., desc.
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 19 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.;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, rolling, hilly.
Soil, 3rd rate, gravelly, dry.
Sparse scrub oak, cacti, fair grass.
-
- 40.00 East, on a random line, bet. secs. 26 & 35.
Set temp. $\frac{1}{4}$ sec. cor.
79.94 Intersect N. & S. line 5 lks. S. of cor. of
secs. 25, 26, 35 & 36, ~~hereinbefore described~~, whence I run,
S. $89^{\circ}58'$ W., on a true line, bet. secs. 26 & 35.
Over heavily rolling land, asc. grad.
- 3.00 Ridge, brs. NNE. & SSW., desc.
11.00 Wash, 25 lks. wide, course S., asc. steep.
15.00 Low ridge, brs. N. & S., desc.
24.75 Wash, 20 lks. wide, course SE., asc. along low spur.
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 26 in N., and
S 35 in S. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
Asc. steep from cor.
- 58.00 High rocky ridge, brs. N. & S., desc. steep.
79.94 To cor. of secs. 26, 27, 34 & 35, ~~hereinbefore described~~.
Land, rolling, hilly.
Soil, 3rd rate, gravelly, stony, dry.
Sparse scrub oak, cacti, fair grass.
-
- N. $0^{\circ}1'$ W., bet. secs. 26 & 27.
Over mts. land, desc. steep.
- 4.00 Wash, 10 lks. wide, course NW., near head, asc. steep.
10.00 Asc. grad. along W. slope of ridge.
19.40 Highest point, on W. slope, desc. steep NW. slope.
27.40 Wash, 10 lks. wide, course W., near head, asc. 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 27 in W., and
S 26 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 58.00 Gulch, 40 lks. wide, course WSW., asc. steep.
70.00 High rocky ridge, brs. ESE. & WNW., desc. steep.

BOOK 2493

Chains.

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 19 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.; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, rolling, mts. Soil, 3rd rate, gravelly, stony, dry. Sparse sage brush, scrub oak, cacti, fair grass. At this cor., at noon, I set off 12° 18½' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is, 31° 45½' N.
40.00	N. 89° 58' E., on a random line, bet. secs. 23 & 26. Set temp. ¼ sec. cor.
79.98	Intersect N. & S. line 7 lks. N. of cor. of secs. 23, 24, 25 & 26, hereinbefore described , whence I run, N. 89° 59' W., on a true line, bet. secs. 23 & 26. Over mts. land, desc.
1.00	Wash, 30 lks. wide, course SE., asc. grad. up spur.
20.00	Head of wash, course ENE., asc. steep.
36.00	Head of gulch, course N.
39.99	Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground, on bed-rock, in mound of stone for ¼ sec. cor., marked on brass cap, ¼ S 23 in N., and S 26 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
45.00	Ridge, brs. NNW. & SSE., desc. steep.
62.00	Gulch, 50 lks. wide, course S, asc. steep.
70.00	Ridge, brs. NNE. & SSW., descend.
79.98	To cor. of secs. 22, 23, 26 & 27, hereinbefore described. Land, hilly, mts. Soil, 3rd rate, stony, gravelly, dry. Sparse sage brush, cacti, greasewood, fair grass.
	N. 0° 1' W., bet. secs. 22 & 23. Over mts. land, desc. steep.
2.00	Head of wash, course W., asc. prec.
15.00	Top of high rocky spur, brs. E. & W., desc. prec.
17.10	Head of wash, course W., asc. prec.
21.00	In saddle, brs. E. & W., high rocky mountain 8 chs. W. desc.
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 22 in W., and S 23 in E. half; from which, An oak tree 12 ins. diam. brs. S. 44° E. 31 lks. dist., marked ¼ S 23 B T. An oak tree 10 ins. diam. brs. N. 9½° W. 53 lks. dist., marked ¼ S 22 B T.
45.50	Wash, 15 lks. wide, course WNW., asc. steep.
56.00	Top of hill, brs. E. & W., desc. grad.
66.50	Head of wash, course E., asc. steep.
71.00	Spur, brs. E. & W., desc. steep, along ENE. slope of ridge.
79.50	Gulch, 10 lks. wide, course E., near head, asc.
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 19 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.; from which, An oak tree 8 ins. diam. brs. N. 22° E. 99 lks. dist., marked T 19 S R 24 E S 14 B T. An oak tree 14 ins. diam. brs. S. 34½° E. 105 lks. dist., marked T 19 S R 24 E S 23 B T. A pinon tree 6 ins. diam. brs. S. 50° W. 150 lks. dist., marked T 19 S R 24 E S 22 B T. An oak tree 6 ins. diam. brs. N. 63° W. 185 lks. dist., marked T 19 S R 24 E S 15 B T. Land, rolling, mts. Soil, 3rd rate, stony. Sparse grass.

Chains.

S. 89°59' E., on a random line, bet. secs. 14 & 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 7 lks. S. of cor. of
 secs. 13,14,23 & 24,whence I run,
 S. 89°58' W., on a true line, bet. secs. 14 & 23.
 Over mts. land, desc. steep.
 16.00 Wash, 10 lks. wide, course NNE., asc.
 20.00 Ridge, brs. NNE. & S., desc.
 34.50 Wash, 30 lks. wide, course N., 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 14 in N., and
 S 23 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 56.00 Head of wash, course WNW.
 63.00 Spur, brs. N. & S., desc. steep.
 68.90 Wash, 10 lks. wide, course NE., near head, asc. grad.
 80.00 To cor. of secs. 14,15,22 & 23, hereinbefore described.
 Land, rolling, mts.
 Soil, 3rd rate, stony, gravelly, dry.
 Scrub oak, cacti, few oak trees.

Feb. 16, 1913.

Feb. 20, 1913.

hereinbefore described

At 8h a.m., l.m.t., at the cor. of secs. 14,15,22 & 23,
 I set off, 10°56 $\frac{1}{2}$ ' S. on the decl. arc, and, 31°46' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,

N. 0° 1' W., bet. secs. 14 & 15.

Over mts. land, asc. grad., along E. side of ridge.

32.50 Summit of slope, desc. steep, across ridge
 37.00 Head of wash, course W., asc. steep.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in
 the ground, on bed-rock, in mound of stone for $\frac{1}{4}$ sec.
 cor., marked on brass cap,
 $\frac{1}{4}$ S 15 in W., and
 S 14 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 43.00 Top of W. slope, desc. steep, along NW. slope.
 57.00 Gulch, 20 lks. wide, course WNW., near head, asc. steep.
 64.00 Spur, brs. ESE. & WNW., desc.
 73.00 Head of wash, course WNW., asc.
 80.00 On low W. point of spur, brs. WNW. & ESE.
 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 19 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, mts., broken.
 Soil, 3rd rate, stony, dry.
 Scrub oak, fair grass. Few oak and pinon trees.

N. 89°58' E., on a random line, bet. secs. 11 & 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. & S. line 2 $\frac{1}{2}$ lks. S. of cor. of
 secs. 11,12,13 & 14, hereinbefore described, whence I run,

Chains.	
	S. 89°57' W., on a true line, bet. secs. 11 & 14. Over mts. land, desc. grad.
22.10	Wash, 40 lks. wide, course NNE.
34.00	Old road, brs. NE. & SW.
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 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.
57.69	Intersect line 2-3 of Dewey Lode, Survey No. 1727 at a point whence, Cor. No. 2 of said Lode brs. S. 19° E. 4.73 chs. dist., Cor. No. 3 of said Lode brs. N. 19° W. 18.80 chs. dist. Cors. being 4x4 wooden post, properly marked.
61.00	Ridge, brs. NNE. & SSW., desc. steep.
65.50	Wash, 30 lks. wide, course N., enter rolling land.
79.00	Wash, 20 lks. wide, course WNW., asc.
79.94	To cor. of secs. 10, 11, 14 & 15, hereinbefore described. Land, rolling, mts. Soil, 3rd rate, sandy, gravelly, stony, dry. Scrub oak, cacti, fair grass.
	<hr/>
	N. 0° 1' W., bet. secs. 10 & 11. Over heavily rolling land, desc. grad.
5.40	Wash, 60 lks. wide, course NNE., road in same. Asc. grad. along ESE. slope of main divide of Dragoon Mts.
26.10	Wash, 20 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 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.
63.00	Wash, 20 lks. wide, course ENE.
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 19 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.;
	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, mesquite, catclaw, cacti, fair grass. At this cor., at noon, I set off 10°54' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31°48' N.
	<hr/>
40.00	N. 89°57' E., on a random line, bet. secs. 2 & 11. Set temp. $\frac{1}{4}$ sec. cor. (hereinbefore described)
79.94	Intersect N. & S. line at cor. of secs. 1, 2, 11 & 12, whence I run,
	S. 89°57' W., on a true line, bet. secs. 2 & 11, Over rolling land, through scrub mesquite.
36.10	Road, brs. NNE. & SSW.
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 2 in N., and S 11 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.
41.70	Wash, 20 lks. wide, course ENE.
79.40	Wash, 40 lks. wide, course SE.
79.94	To cor. of secs. 2, 3, 10 & 11, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, dry. Scrub oak, mesquite, greasewood, catclaw, cacti, coarse bear grass.

Chains.

BOOK 2493

N. 0° 1' W., on a random line, bet. secs. 2 & 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 85.80 Intersect N. bdy. of Tp. 12 lks. E. of cor. of
 secs. 2, 3, 34 & 35, which is a sandstone 8x6x5 ins.
 above ground, marked and witnessed as described by the
 Surveyor General, whence I run,
 S. 0° 6' E., on a true line, bet. secs. 2 & 3.
 Over rolling, broken land.
 2.70 Road, brs. SE. & NW.
 22.00 Asc. grad.
 24.75 Low ridge, brs. E. & W., desc. grad.
 35.00 Wash, 40 lks. wide, course ESE.
 45.80 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in
 the ground, on bed-rock, in mound of stone 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.
 46.20 Wash, 30 lks. wide, course E.
 66.40 Wash, 30 lks. wide, course E.
 85.80 To cor. of secs. 2, 3, 10 & 11, hereinbefore described.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, cacti, greasewood, fair grass.
 Feb. 20, 1913. W. H. E.

Chains.

BOOK 2493

	Feb. 17, 1913.	J. B. W.
	At 8h a.m., l.m.t., at the cor. of secs. 33 & 34,	on the S. bdy. of the Tp., recently estab. by me & described in Book "D"
	Is set off, 12° S. on the decl. arc, and, 31°44' N. on the	lat. arc, and determine a meridian with the solar.
	Thence I run,	
	N. 0° 2' W., bet. secs. 33 & 34.	
	Over heavily rolling land, asc. grad.	
2.00	Low E. point of hill, brs. E. & W., desc. grad.	
13.10	Wash, 10 lks. wide, course NNW.	
17.55	Same wash, course NNE., asc.	
24.90	Low E. point of hill, brs. E. & W., desc.	
29.75	Enter same wash as above, from SSE., to N.	
32.40	Leave wash, course NNW.	
38.65	Wash, 20 lks. wide, course W., asc.	
40.00	Set an iron post 3 ft. long, 1 in. in diam. 8 ins. in the	ground, on bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor.,
	marked on brass cap,	
	$\frac{1}{4}$ S 33 in W., and	
	S 34 in E. half;	
	raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.	
53.10	Low point of ridge, brs. ESE. & WNW., desc.	
57.00	Wash, 40 lks. wide, course WSW., over rolling land.	
69.45	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. 27, 28, 33 & 34, marked on
	brass cap, T 19 S R 24 E, in N. half,	
	S 28 in NW.,	
	S 27 in NE.,	
	S 34 in SE., and	
	S 33 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, broken.	
	Soil, 3rd rate, gravelly, dry.	
	Sparse scrub oak, cacti, fair grass.	
	East, on a random line, bet. secs. 27 & 34.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.00	Intersect N. & S. line 9 lks. N. of cor. of	secs. 26, 27, 34 & 35, whence I run, hereinbefore described whence I run,
	N. 89°56' W., on a true line, bet. secs. 27 & 34.	
	Over mts. land, desc. along N. side of spur.	
22.30	Wash, 15 lks. wide, course SW., asc.	
26.60	Ridge, brs. N. & S., 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 27 in N., and	
	S 34 in S. half;	
	raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.	
45.40	Wash, 30 lks. wide, course SW., asc. grad.	
55.00	S. point of hill, brs. S. & N., thence over rolling land,	desc. grad.
76.00	Road, brs. NW. & SE.	
80.00	To cor. of secs. 27, 28, 33 & 34, hereinbefore described.	
	Land, rolling, broken, mts.	
	Soil, 3rd rate, granite gravel.	
	Scrub oak, cacti, fair grass.	
	At this cor., at noon, I set off 11°57 $\frac{1}{2}$ ' S. on the decl.	arc, and observe the sun on the meridian.
	The resulting lat. is 31°44 $\frac{1}{2}$ ' N.	

Chains.

BOOK 2488

N. $0^{\circ} 2'$ W., bet. secs. 27 & 28.
 Over mts. land, asc. grad.
 3.55 Road, brs. NW. & SE.
 8.60 W. point of ridge, brs. W. & E., desc. through dense
 clumps of oak trees and scrub oak.
 24.00 Wash, 25 lks. wide, course WSW.
 28.80 House and windmill of H. C. Kendall brs. 8 chs. W.
 32.70 Wash, 40 lks. wide, course SW.
 39.05 Wash, 25 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 28 in W., and
 $\frac{1}{4}$ S 27 in E. half; from which,
 An oak tree 4 ins. diam. brs. S. $21\frac{3}{4}^{\circ}$ E. 138 lks. dist.,
 marked $\frac{1}{4}$ S 27 B T.
 An oak tree 7 ins. diam. brs. S. $13\frac{1}{4}^{\circ}$ W. 122 lks. dist.,
 marked $\frac{1}{4}$ S 28 B T.
 41.50 Wash, 20 lks. wide, course SSW.
 48.40 Wash, 80 lks. wide, course SSW.
 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 19 S R 24 E, in N. half,
 $\frac{1}{4}$ S 21 in NW.,
 $\frac{1}{4}$ S 22 in NE.,
 $\frac{1}{4}$ S 27 in SE., and
 $\frac{1}{4}$ S 28 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.
 Land, rolling, broken, mts.
 Soil, 3rd rate, gravelly, dry, stony.
 Scattering oak trees, scrub oak, cacti, fair grass.

S. $89^{\circ} 56'$ E., on a random line, bet. secs. 22 & 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. & S. line 7 lks. S. of cor. of
 secs. 22, 23, 26 & 27, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ} 59'$ W., on a true line, bet. secs. 22 & 27.
 Over heavily rolling or mts. land, asc. grad.
 25.30 Top of hill, brs. N. & S., desc.
 39.25 Wash, 20 lks. wide, course WSW.
 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 22 in N., and
 $\frac{1}{4}$ S 27 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 55.00 Wash, 30 lks. wide, course SW.
 73.60 Wash, 35 lks. wide, course SSW., asc. grad.
 80.02 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~.
 Land, rolling, mts.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, cacti, few oak trees, fair grass, coarse bear
 grass in clumps.

Feb. 17, 1913. J. B. W.

BOOK 2493

Chains.

W.H.E.

Feb. 21, 1913. ~~hereinbefore~~ described
 At 8h a.m., l.m.t., at the cor. of secs. 21, 22, 27 & 28,
 I set off $10^{\circ}35'$ S. on the decl. arc, and $31945\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}2'$ W., bet. secs. 21 & 22.
 Over mts. land, desc. grad.
 10.00 Asc. grad. up ridge.
 19.00 Knoll, on ridge, brs. S. & N., desc.
 25.00 Along same ridge, desc. to N.
 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.
 House, windmill, corrals, etc. of H. C. Kendall,
 brs. S. 81° W., about 38 chs. dist.
 46.45 Wash, 6 lks. wide, course NW., over broken, rolling land.
 53.80 Wash, 50 lks. wide, course SW., enter oak trees, E. & W.
 64.00 Road, brs. NE. & SW., runs through South pass.
 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 19 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.; from which,
 An oak tree 4 ins. diam. brs. N. 44° E. 57 lks. dist.,
 marked T 19 S R 24 E S 15 B T.
 An oak tree 6 ins. diam. brs. S. 67° E. 177 lks. dist.,
 marked T 19 S R 24 E S 22 B T.
 An oak tree 10 ins. diam. brs. S. 49° W. 71 lks. dist.,
 marked T 19 S R 24 E S 21 B T.
 An oak tree 6 ins. diam. brs. N. 52° W. 138 lks. dist.,
 marked T 19 S R 24 E S 16 B T.
 Land, mts., broken. Soil, 3rd rate, gravelly, dry.
 Oak, scrub oak, cacti, coarse bear grass.

40.00 S. $89^{\circ}59'$ E., on a random line, bet. secs. 15 & 22.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. & S. line 7 lks. N. of cor. of
 secs. 14, 15, 22 & 23, ~~hereinbefore~~ described, whence I run,
 N. $89^{\circ}56'$ W., on a true line, bet. secs. 15 & 22..
 Over mts. land, asc. steep.
 5.70 Top of high dividing ridge of Dragoon Mts. brs. N. & S.,
 desc. steep.
 25.60 Gulch, 30 lks. wide, course WNW.
 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 15 in N., and
 S 22 in S. half; from which,
 An oak tree 4 ins. diam. brs. N. 52° E. 33 lks. dist.,
 marked $\frac{1}{4}$ S 15 B T.
 An oak tree 10 ins. diam. brs. S. $64\frac{3}{4}^{\circ}$ E. 86 lks. dist.,
 marked $\frac{1}{4}$ S 22 B T.
 65.30 Road, brs. NE. & SW.
 74.45 Wash, 30 lks. wide, course SW.
 80.06 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore~~ described.
 Land, rolling, mts., rough, broken.
 Soil, 3rd rate, gravelly, dry, stony.
 Oak, scrub oak, bear grass, cacti.
 At this cor., at noon, I set off $10^{\circ}32\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31946'$ N.

Chains.

- BOOK 2493
- N. 0° 2' W., bet. secs. 15 & 16.
Over heavily rolling, broken land, through dense small oak trees, and scrub oak, bear grass.
- .65 Wash, 20 lks. wide, course WSW.
10.00 Wash, 20 lks. wide, course W., asc. grad.
23.45 Wash, 10 lks. wide, course WSW., leave timber, 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 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.
- 43.45 Ridge, brs. W. & E., desc. steep.
51.75 Wash, 10 lks. wide, course NW., over broken land.
59.40 Wash, 15 lks. wide, course WSW.
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 19 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.
Land, very broken, heavily rolling.
Soil, 3rd rate, gravelly, dry.
Oak, scrub oak, bear grass, cacti.
-
- 40.00 S. 89°56' E., on a random line, bet. secs. 10 & 15.
Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. & S. line 12 lks. S. of cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~, whence I run;
S. 89°59' W., on a true line, bet. secs. 10 & 15.
Over mts. land, desc.
- 2.00 Road, in wash, 60 lks. wide, course NNE., asc. steep.
24.44 Intersect line 2-3 of Copper Bullion No. 2 Lode, Survey No. 2005, at a point whence,
Cor. No. 2 of said Lode brs. N. 3°08' E. 4.54 chs. dist.
Cor. No. 3 of said Lode brs. S. 3°08' W. 18.19 chs. dist.
Cors. being 4x4 wooden posts, properly marked.
- 30.00 Top of Dragoon mts., main divide, brs. NNW. & SSE., desc. steep.
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 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.
- 42.61 Intersect line 3-4 of Copper Bullion No. 3 Lode, Survey No. 2005, at a point whence,
Cor. No. 4 of said Lode brs. N. 2°45' E. 5.64 chs. dist.,
Cor. No. 3 of said Lode brs. S. 2°45' W. 17.09 chs. dist.,
Cors. being 4x4 wooden posts properly marked.
- 46.00 Wash, 10 lks. wide, course SSE., asc.
52.00 Spur, brs. SSE. & NNW.,
58.00 Top of spur, brs. NW. & SE., desc.
61.50 Wash, 30 lks. wide, course SSW., asc.
68.00 Top of S. side of ridge, brs. NNE. & SSW., desc.
80.04 To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~.
Land, mts., broken, rough.
Soil, 3rd rate, gravelly, dry, stony.
Scattering oak trees, scrub oak, cacti, coarse grass.
Feb. 21, 1913.

BOOK 2493	Chains.	Feb. 23, 1913.	(hereinbefore described)
		At 8h a.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16,	
		I set off, $9^{\circ}51\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}47'$ N. on the Lat. arc, and determine a meridian with the solar.	
		Thence I run,	
		N. $0^{\circ}2'$ W., bet. secs. 9 & 10.	
		Over mts. land, desc. grad. along W. slope.	
	4.70	Wash, 20 lks. wide, course SSW.	
	13.50	Wash, 20 lks. wide, course SW.	
	24.50	Wash, 10 lks. wide, course SW.	
	34.70	Wash, 20 lks. wide, course 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 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.	
	44.80	Wash, 20 lks. wide, course SW.	
	48.50	Gulch, 40 lks. wide, course SE., asc. steep SW. slope.	
	78.00	Top of Spur, brs. W. & E., desc. steep.	
	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 19 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, $1\frac{1}{2}$ ft. high W. of cor.	
		Land, rolling, mts. Soil, 3rd rate, gravelly, dry, stony. Scrub oak, cacti, fair grass.	
		<hr/>	
		N. $89^{\circ}59'$ E., on a random line, bet. secs. 3 & 10.	
	40.00	Set temp. $\frac{1}{4}$ sec. cor.	
	80.06	Intersect N. & S. line 5 lks. S. of cor. of secs. 2, 3, 10 & 11, hereinbefore described, whence I run,	
		S. $89^{\circ}57'$ W., on a true line, bet. secs. 3 & 10.	
		Over heavily rolling land, asc. grad.	
	20.90	Wash, 20 lks. wide, course NE., asc. 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 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.	
	45.00	Top of low spur, brs. NNE. & SSW., desc. steep.	
	50.40	Wash, 20 lks. wide, course NNE., asc. steep.	
	62.00	Top of divide, brs. NW. & SE., desc. steep.	
	80.06	To cor. of secs. 3, 4, 9 & 10, hereinbefore described.	
		Land, rolling, mts. Soil, 3rd rate, gravelly, stony. Scrub oak, few oak trees, fair grass.	
		<hr/>	
		N. $0^{\circ}6'$ W., on a random line, bet. secs. 3 & 4.	
	40.00	Set temp. $\frac{1}{4}$ sec. cor.	
86.00	Intersect N. hdy. of Tp. 14 lks. W. of cor. of secs. 3, 4, 33 & 34, which is a limestone $10 \times 8 \times 6$ ins. above ground, marked and witnessed as described by the Surveyor General, whence I run,		
	South, bet. secs. 3 & 4, on a true line.		
	Over heavily rolling, broken land, asc. grad.		
16.00	Spring about 16 chs. to E.,		
	Top of limestone flat ridge, brs. E. & W., desc.		
20.00	Gulch, 150 lks. wide, course E., asc.		
43.50	Gulch, 50 lks. wide, course NE., asc. prec.		
46.00	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;		
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.		
68.00	Top of high, sharp divide, Dragoon Mts. brs. NW. & SE., desc.		
83.00	Head of gulch, course W., asc. prec.		
86.00	To cor. of secs. 3, 4, 9 & 10, hereinbefore described.		
	Land, rolling, mts. Soil, 3rd rate, gravelly, stony, dry. Sparse oak trees, scrub oak, catclaw, cacti, fair grass.		
	Feb. 23, 1913.		

Chains.

Feb. 17, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 32 & 33,
 on the S. bdy. of the Tp. recently estab. by J.B.W. & described in Book D
 I set off 12° S. on the decl. arc, and $31^{\circ}44'$ 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 heavily rolling, broken land, through dense brush.

- 5.90 Wash, 30 lks. wide, course W., asc.
 14.00 Ridge, brs. E. & W., desc.
 17.45 Wash, 20 lks. wide, course W.
 25.00 Wash, 80 lks. wide, course SW., asc.
 29.05 Ridge, brs. ENE. & WSW., 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 32 in W., and
 S 33 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 41.40 Wash, 20 lks. wide, course SW.
 54.35 Wash, 10 lks. wide, course SW.
 66.80 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. 28, 29, 32 & 33, marked on
 brass cap, T 19 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.;
- 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.
 Scrub oak, mesquite, catclaw, cacti, fair grass.

East, on a random line, bet. secs. 28 & 33.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line 2 lks. S. of cor. of
 secs. 27, 28, 33 & 34, ~~hereinbefore described~~, whence I run,
 S. $89^{\circ}59'$ W., on a true line, bet. secs. 28 & 33.
 Over rolling, broken land.
 22.00 Road, brs. WNW. & ESE., Tombstone to Gleeson.
 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 28 in N., and
 S 33 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.
 Asc. from cor.
 51.00 Top of ~~N.~~ end of spur, brs. N. & S., desc.
 64.00 Ridge, brs. N. & S., desc.
 74.45 Wash, 30 lks. wide, course S.
 79.96 To cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, cacti, fair grass.
 At this cor., at noon, I set off $11^{\circ}57\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is, $31^{\circ}44\frac{1}{2}'$ N.

BOOK 2498

BOOK 2493

Chains.

N. 0° 2' W., bet. secs. 28 & 29.
 Over rolling, broken land, desc.
 6.00 Wash, 10 lks. wide, course SE., asc.
 20.00 Ridge, brs. WSW. & ENE., desc.
 27.75 Road, brs. E. & W., enter valley of draw.
 35.50 Wash, 20 lks. wide, course 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 29 in W., and
 S 28 in E. half;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 50.00 Leave draw, asc. grad.
 60.00 Top of low mesa, brs. NE. & SW.,
 76.00 Desc. grad.
 80.00 On N. point of little spur, brs. NNW. & SSE.,
 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 19 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.; from which,
 An oak tree 4 ins. diam. brs. N. 84 $\frac{1}{2}$ ° E. 55 lks. dist.,
 marked T 19 S R 24 E S 21 B T.
 An oak tree 4 ins. diam. brs. S. 32° E. 50 lks. dist.,
 marked T 19 S R 24 E S 28 B T.
 An oak tree 6 ins. diam. brs. S. 83° W. 81 lks. dist.,
 marked T 19 S R 24 E S 29 B T.
 An oak tree 4 ins. diam. brs. N. 60 $\frac{1}{2}$ ° W. 37 lks. dist.,
 marked T 19 S R 24 E S 20 B T.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, catclaw, cacti, few oak trees in places.

40.00 N. 89° 59' E., on a random line, bet. secs. 21 & 28
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. & S. line 2 $\frac{1}{2}$ lks. S. of cor. of
 secs. 21, 22, 27 & 28, ~~hereinbefore described~~, whence I run,
 S. 89° 58' W., on a true line, bet. secs. 21 & 28.
 Over mts., broken land, asc.
 3.00 Small ridge, brs. N. & S., desc. W. slope of mts.
 7.10 Road, brs. N. & S., to Kendalls ranch.
 15.00 Wash, 15 lks. wide, course S., asc. grad.
 29.00 Ridge, brs. N. & S., desc. grad.
 39.00 Wash, 12 lks. wide, course WSW., heads 7 chs. ENE.,
 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 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.
 44.10 Highest point of S. slope of ridge, desc.
 58.00 Same wash as above, course WNW., desc. grad. along N.
 slope.
 79.94 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, catclaw, cacti, few oak trees, fair grass.

Feb. 17, 1913. W. H. E.

Chains.

J.B.W. BOOK

- Feb. 21, 1913.
At 8h a.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29,
hereinbefore described,
I set off $10^{\circ}35'$ S. on the decl. arc, and $31^{\circ}45\frac{1}{2}'$ N. on
the lat. arc, and determine a meridian with the solar.
Thence I run,
N. $0^{\circ}2'$ W., bet. secs. 20 & 21.
Over heavily rolling, broken land, desc.
- 4.70 Wash, 20 lks. wide, course WSW.
6.50 Wash, 50 lks. wide, course SW.
9.60 Wash, 20 lks. wide, course SW.
10.45 Road, brs. NE. & SW., asc. grad.
34.00 Ridge, brs. NE. & SW., 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.
- 40.70 Wash, 20 lks. wide, course WSW., asc.
48.00 Ridge, brs. E. & W., desc.
52.00 Wire fence, brs. NW. & SE.
53.00 Wash, 20 lks. wide, course WSW., asc.
70.00 Ridge, 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. 16, 17, 20 & 21, marked on
brass cap, T 19 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, mts., broken.
Soil, 3rd rate, gravelly stony, dry.
Sparse scrub oak, cacti, few oak trees, good grass.
-
- N. $89^{\circ}58'$ E., on a random line, bet. secs. 16 & 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. & S. line 5 lks. N. of cor. of
secs. 15, 16, 21 & 22, hereinbefore described, whence I run,
West, on a true line, bet. secs. 16 & 21.
Over rolling, broken land, desc.
- .50 Wash, 20 lks. wide, course WSW.
8.50 Same wash, course WNW.,
12.00 Bend of same wash as above, course WNW. from ENE., asc.
22.00 Hill, brs. N. & S., desc.
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.
- 49.20 Wash, 20 lks. wide, course NW., asc.
49.35 Road, brs. NW. & SE.
56.00 Hill, brs. N. & S., desc.
65.30 Wire fence, brs. N. & S., desc.
79.98 To cor. of secs. 16, 17, 20 & 21, hereinbefore described.
Land, rolling, broken, hilly.
Soil, 3rd rate, gravelly, stony.
Scrub oak, cacti, few oak trees.
At this cor., at noon, I set off $10^{\circ}32\frac{1}{2}'$ S. on the decl.
arc, and observe the sun on the meridian.
The resulting lat. is $31^{\circ}46'$ N.

Chains.

BOOK 2493

- N. $0^{\circ} 2'$ W., bet. secs. 16 & 17.
Over Mts., or heavily rolling land, desc.
- 5.00 Gulch, 40 lks. wide, course WSW, near head, asc.
10.00 Spur, brs. W. & E., desc.
13.45 Wire fence, brs. NE. & SW.
17.00 Windmill brs. East, 10 chs. dist., tank & Well of Wm. Neal.
21.50 Wash, 50 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 17 in W., and
S 16 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 50.00 Wash, 10 lks. wide, course SSW., asc.
58.00 Ridge, brs. W. & E., desc.
64.65 Wash, 30 lks. wide, course WSW.
72.00 Wash, 20 lks. wide, course W.
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 19 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, mts., broken.
Soil 2nd & 3rd rate, sandy, gravelly, dry.
Scrub oak, cacti, good grass.

- East, on a random line, bet. secs. 9 & 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. & S. line 5 lks. S. of cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~, whence I run, S. $89^{\circ} 58'$ W., on a true line, bet. secs. 9 & 16.
Over heavily rolling land, desc. grad.
- 5.00 Wash, 10 lks. wide, course SSW.
8.70 Wash, 10 lks. wide, course S.
11.25 Wash, 30 lks. wide, course WSW., asc.
33.00 Ridge, brs. SSW. & NNE., 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 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.
- 52.45 Wash, 40 lks. wide, course S., asc.
61.00 Ridge, brs. NNW. & SSE., desc.
62.50 Wash, 10 lks. wide, course SSW., asc.
78.00 Ridge, brs. SSW. & NNE., desc.
80.02 To cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~.
Land, rolling, broken.
Soil, 3rd rate, gravelly, dry.
Scrub oak, cacti, fair grass.

Feb. 21, 1913. J. B. W.

- Feb. 24, 1913. W. H. E.
At 8h a.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~,
I set off $9^{\circ} 29\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ} 47'$ N. on the lat. arc, and determine a meridian with the solar.
Thence I run,
N. $0^{\circ} 2'$ W., bet. secs. 8 & 9
Over heavily rolling land, asc.
- 3.00 Spur, brs. E. & W., desc.
12.00 Wash, 20 lks. wide, course WSW., asc.
17.40 Ridge, brs. E. & W., desc.
19.00 Wash, 10 lks. wide, course WNW.
26.00 Wash, 15 lks. wide, course WSW., asc.
37.60 Ridge, brs. E. & W., desc.

Chains.

- 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 S 9 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 41.00 Wash, 10 lks. wide, course W.
- 56.50 Wash, 40 lks. wide, course WNW.
- 63.20 Wash, 10 lks. wide, course W., asc.
- 73.00 Spur, brs. E. & W., desc.
- 76.00 Wash, 15 lks. wide, course SW., asc.
- 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 19 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, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, very broken. Soil, 3rd rate, gravelly, stony. Scrub oak, catclaw, greasewood, cacti, sparse grass.
-
- N. $89^{\circ}58'$ E., on a random line, bet. secs. 4 & 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. & S. line 14 lks. N. of cor. of secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence I run, N. $89^{\circ}56'$ W., on a true line, bet. secs. 4 & 9. Over mts. land, desc. prec.
- 8.00 Gulch, 20 lks. wide, course SSW., asc.
- 16.00 Spur, brs. SW. & NE., from rocky ledge to NE., desc. steep.
- 25.00 Wash, 15 lks. wide, course SSW.
- 33.00 Wash, 30 lks. wide, course SSW., asc.
- 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 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.
- 43.75 Ridge, brs. SSW. & NNE., desc.
- 63.40 Wash, 30 lks. wide, course SSW., asc.
- 68.00 Ridge, brs. SW. & NE., desc.
- 77.45 Wash, 15 lks. wide, course SW.
- 80.04 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~. Land, mts., broken. Soil, 3rd rate, gravelly, stony, dry. Scrub oak, greasewood, coarse bear grass, cacti.
- At this cor., at noon, I set off $9^{\circ}26\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}48'$ N.
-
- North, on a random line, bet. secs. 4 & 5.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 86.10 Intersect N. bdy. of Tp. 14 lks. E. of cor. of secs. 4, 5, 32 & 33, ~~recently established by J.B.W. & described in Book D~~ whence I run, S. $0^{\circ}6'$ E., on a true line, bet. secs. 4 & 5. Over mts. land, along prec. W. slope.
- 4.00 Steep rocky spur, brs. WSW. & E., desc. prec. SW. slope.
- 43.00 Foot of main slope, brs. NW. & SE., wash, 30 lks. wide, course WSW.
- 45.90 Gulch, 10 lks. wide, course SW., asc.
- 46.10 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.
- 50.00 Rocky spur, brs. SW. & NE., desc.
- 74.00 Wash, 20 lks. wide, course WSW., asc. grad.
- 86.10 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~. Land, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Scrub oak, cacti, few oak trees, fair grass.
- Feb. 24, 1913. W. H. E.

Chains.

Feb. 19, 1913. J. B. W.
 At 8h a.m., l.m.t., at the cor. of secs. 31 & 32, on the S. bdy. of the Tp. recently estab. by me & described in Book D, I set off $11^{\circ}18'S.$ on the decl. arc, and $31^{\circ}44'N.$ on the lat. arc, and determine a meridian with the solar. Thence I run,
 N. $0^{\circ}3'W.$, bet. secs. 31 & 32.
 Over heavily rolling land, asc. grad.
 18.20 Wire fence, brs. E. & W.
 38.00 Ridge, 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 31 in W., and
 S 32 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.
 62.00 Draw, 2 chs. wide, course W., asc. grad.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 29, 30, 31 & 32, marked on brass cap, T 19 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.;
 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, loose.
 Scrub oak, cacti, catclaw, sage brush, coarse grass.

40.00 East, on a random line, bet. secs. 29 & 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~, whence I run, N. $89^{\circ}59'W.$, on a true line, bet. secs. 29 & 32.
 Over broken, rolling land, asc.
 5.00 Ridge, brs. N. & S., desc.
 9.75 Wash, 10 lks. wide, course SW.
 19.00 Wash, 12 lks. wide, course SW., asc.
 26.70 Ridge, brs. NE. & SW., desc.
 36.35 Wash, 10 lks. wide, course SW., asc.
 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 29 in N., and
 S 32 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 44.50 Ridge, brs. NE. & SW., desc.
 52.00 Wash, 10 lks. wide, course SSW., asc.
 59.00 Spur, brs. S. & N.
 64.00 Desc.
 66.00 Asc.
 69.30 Ridge, brs. N. & S., desc.
 74.00 Foot, brs. NW & S.E., desc. grad. along S. slope.
 80.02 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, catclaw, cacti, coarse grass.

Chains.	
	West, bet. secs. 30 & 31, on true line. Over heavily rolling land, asc. grad.
4.00	Top of S. side of hill, brs. S. & N., desc. grad.
18.00	Ridge, brs. ENE. & WSW., desc.
36.00	Wash, 40 lks. wide, course WNW., from 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 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.
45.92	Intersect E. bdy. of T. 19 S., R. 23 E., at a point, Whence, the cor. point of secs. 25 & 36 brs. North, 3.09 chs. dist., The witness cor. to cor. of secs. 25 & 36, on said line brs. North, 2.69 chs. dist., which is a granite stone 15x10x6 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 19 S, in N. half, S 30 in NE., and S 31, R 24 E, in SE. quad.; S 25, S 36, R 23 E, in W. half, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor. Land, rolling, broken. Soil, 3rd rate, gravelly, stony, dry. Sparse sage brush, scrub mesquite, catclaw, cacti. At this cor., at noon, I set off $11^{\circ}15\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}44\frac{1}{2}'$ N.
	N. $0^{\circ}3'$ W., bet. secs. 29 & 30. Over rolling, broken land, asc.
2.75	Ridge, brs. E. & W., desc.
11.00	Wash, 50 lks. wide, course W., asc.
12.05	Road, brs. E. & W.
20.00	Top of W. side of ridge, 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 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.
42.10	Road, brs. NE. & SW.
43.90	Wash, 30 lks. wide, course SW., asc. grad.
60.00	Ridge, brs. ESE. & WNW., desc.
70.80	Wash, 15 lks. wide, course SW., asc.
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 19 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.; 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, dry. Sage brush, greasewood, cacti, good grass.

BOOK 2493

Chains.

BOOK 2493

S. 89°59' E., on a random line, bet. secs. 20 & 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 7 lks. S. of cor. of
 secs. 20, 21, 28 & 29, ~~hereinbefore described~~, whence I run,
 S. 89°58' W., on a true line, bet. secs. 20 & 29.
 Over heavily rolling, broken land, desc.
 3.00 Enter draw, course SW.
 3.40 Wash, 20 lks. wide, course SW.
 3.60 Wire fence, brs. NE. & SW., enter small cultivated flat.
 6.12 Leave cultivated land, wire fence, brs. NE. & SW.
 6.70 Wash, 50 lks. wide, course SW.
 10.45 Road, brs. NE. & SW., asc. gently.
 20.00 Leave draw, 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 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.
 50.00 Ridge, brs. NE. & SW., desc.
 72.90 Wash, 20 lks. wide, course SW., asc.
 80.00 To cor. of secs. 19, 20, 29 & 30, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, sandy, loose, dry, gravelly.
 Sparse sage brush, cacti, good grass.

West, bet. secs. 19 & 30, on true line.
 Over heavily rolling land, asc.
 20.00 Ridge, brs. NE. & SW., desc.
 39.70 Wash, 10 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 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.
 45.98 Intersect E. bdy. of T. 19 S., R. 23 E. at a point, whence
 cor. of secs. 24 & 25 brs. North, 2.90 chs. dist.,
 which is a limestone 12x10x10 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 19 S in N., and
 S 24, S 25, R 23 E, in W. half,
 S 19 in NE., and
 S 30, R 24 E, in SE. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Sparse sage brush, catclaw, cacti, good grass.
 Feb. 19, 1913.

Chains.

BOOK

2493

	Feb. 23, 1913.	
	At 8h a.m. l.m.t., at the cor. of secs. 19, 20, 29 & 30, ^{hereinbefore described} I set off $9^{\circ}51\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}45\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar.	
	Thence I run,	
	N. $0^{\circ}3'$ W., bet. secs. 19 & 20.	
	Over heavily rolling land, asc. grad.	
10.00	Ridge, brs. SW. & NE., desc.	
20.70	Wash, 100 lks. wide, course W., 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 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	Ridge, brs. NE. & SW., desc.	
66.00	Head of gulch, course W., asc.	
70.00	Ridge, 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. 17, 18, 19 & 20, marked on brass cap, T 19 S R 24 E, in N. half, S 18 in NW., S 17 in NW., 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, very broken.	
	Soil, 3rd rate, gravelly, dry.	
	Sparse sage brush, catclaw, cacti. greasewood, fair grass.	
	<hr/>	
	N. $89^{\circ}58'$ E., on a random line, bet. secs. 17 & 20.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.04	Intersect N. & S. line 9 lks. N. of cor. of secs. 16, 17, 20 & 21, hereinbefore described , whence I run, N. $89^{\circ}58'$ W., on a true line, bet. secs. 17 & 20.	
	Over heavily rolling land, desc.	
.50	Wash, 12 lks. wide, course WSW.	
3.00	Same wash, course SW., from ESE., asc.	
10.00	Small ridge, brs. SW. & NE., desc.	
14.10	Wash, 10 lks. wide, course SW., asc.	
20.00	Ridge, brs. SW. & NE., desc.	
22.95	Wire fence, brs. NE. & SW.	
26.30	Wash, 10 lks. wide, course WSW.	
38.00	Wash, 15 lks. wide, course WNW.	
40.02	Point for $\frac{1}{4}$ sec. cor. falls in wash, 60 lks. wide, course SSW., therefore at	
40.52	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 C $\frac{1}{4}$, E. of centre, S 17 in NW., and S 20 in SW. quad.;	
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.	
	Asc. grad. from cor.	
61.00	Ridge, brs. N. & S., desc. along N. slope.	
80.04	To cor. of secs. 17, 18, 19 & 20, hereinbefore described . Land, rolling, broken. Soil, 3rd rate, sandy, gravelly, dry, loose. Sage brush, cacti, desert willow, fair grass.	
	<hr/>	
	West, on a true line bet. secs. 18 & 19.	
	Over heavily rolling land, along broken N. slope.	
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;	
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.	
45.86	Intersect E. bdy. of T. 19 S., R. 23 E., at a point whence, cor. of secs. 13 & 24 brs. North, 2.85 chs. dist., which is a quartzite stone, $14 \times 12 \times 6$ ins. above ground, marked and witnessed as described by Surveyor General.	

BOOK 2493

Chains.

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, C C, W. of centre,
 T 19 S, in N., and
 S 13, S 24 R 23 E, in W. half,
 S 18 in NE., and
 S 19, R 24 E, in SE., quad.;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Sparse scrub oak, cacti, good grass.
 At this cor., at noon, I set off $90^{\circ}48\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}46'$ N.

-
- N. $0^{\circ}3'$ W., bet. secs. 17 & 18.
 Over rolling, broken land, desc.
- 12.00 Wash, 20 lks. wide, course W., asc.
 30.00 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 18 in W., and
 S 17 in E. half;
- raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 54.00 Wash, 20 lks. wide, course W., asc.
 69.50 Ridge, brs. E. & W., desc.
 78.00 Wash, 20 lks. wide, course WSW., asc.
 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 19 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.;
- 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.
 Scrub oak, cacti, good grass.
-
- S. $89^{\circ}58'$ E., on a random line, bet. secs. 8 & 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. & S. line 2 lks. N. of cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~ whence I run, N. $89^{\circ}57'$ W., on a true line, bet. secs. 8 & 17.
 Over heavily rolling, broken land, desc.
- 12.40 Wash, 30 lks. wide, course SW., asc.
 19.00 SW. end of spur, brs. SW. & NE., desc.
 20.50 Wash, 10 lks. wide, course S., asc.
 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 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.
 57.00 Ridge, brs. SSW. & NNE., desc.
 76.00 Wash, 20 lks. wide, course SSW., asc.
 80.06 To cor. of secs. 7, 8, 17 & 18, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, greasewood, cacti, sage brush, fair grass.
-

Chains.

BOOK 2498

West, bet. secs. 7 & 18, on true line.
 Over broken land, asc.
 21.00 Ridge, brs. SW. & NE., desc.
 23.50 Head of gulch, course SW., asc.
 27.00 Ridge, brs. ENE. & WSW., 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 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.
 45.80 Intersect E. bdy. of Tp. 19 S. R. 23 E. at a point, whence
 Cor. of secs. 12 & 13, brs. North, 2.92 chs. dist., which
 is a granite stone 12x8x6 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 19 S, in N., and
 S 12, S 13 R 23 E, in W. half,
 S 7 in NE., and
 S 18, R 24 E, in SE. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly dry.
 Sparse sage brush, scrub oak, dense yucca, and other
 cacti, good grass.
 Feb. 23, 1913.

Feb. 24, 1913.

(hereinbefore described)

At 8h a.m., l.m.t., at the cor. of secs. 7, 8, 17 & 18,
 I set off $9^{\circ}29\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}47'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,

N. $0^{\circ}3'$ W., bet. secs. 7 & 8.

Over heavily rolling, broken land, asc.

10.00 Ridge, brs. E. & W., desc. grad.
 13.00 Head of gulch, course W., asc.
 16.00 Ridge, brs. SE. & NW., desc. steep.
 23.70 Wash, 15 lks. wide, course WNW., asc.
 30.00 Ridge, brs. WSW. & ENE., 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 7 in W., and
 S 8 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 50.00 Iron water tank, 8 chs. to W.
 52.90 Wash, 30 lks. wide, course WSW.
 79.40 Wash, 40 lks. wide, course SSW.
 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 19 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.
 Scrub oak, greasewood, cacti, fair grass.

BOOK 2493

Chains.

S. 89°57' E., on a random line, bet. secs. 5 & 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect N. & S. line 7 lks. S. of cor. of
 secs. 4, 5, 8 & 9, ~~hereinafter described~~, whence [run,
 West, on a true line, bet. secs. 5 & 8.
 Over heavily rolling, broken land, asc.
 20.00 Ridge, brs. NNE. & SSW., desc.
 28.90 Wash, 50 lks. wide, course SSW., asc.
 40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 5 in N., and
 S 8 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 60.00 Ridge, brs. SSW. & NNE.
 61.80 Desc. grad.
 77.80 Wash, 30 lks. wide, course WSW., asc.
 80.08 To cor. of secs. 5, 6, 7 & 8, ~~hereinafter described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry, stony.
 Scrub oak, cacti, and other brush, fair grass.

West, on true line, bet. secs. 6 & 7.
 Over heavily rolling land, asc.

16.60 Ridge, brs. NNE. & SSW., desc. grad.
 33.10 Wash, 40 lks. wide, course SSW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 6 in N., and
 S 7 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.
 45.73 Intersect E. bdy. of T. 19 S. R. 23 E. at a point, whence,
 cor. of secs. 1 & 12 brs. North, 2.92 chs. dist., which
 is a limestone 10x8x6 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. 6 & 7, marked on
 brass cap, C C, W. of centre,
 T 19 S, in N., and
 S 1, S 12, R 23 E, in W. half,
 S 6 in NE., and
 S 7, R 24 E, in SE. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, stony, dry.
 Scrub oak, cacti, greasewood, fair grass.

Chains.

N. 0° 6' W., on a random line, bet. secs. 5 & 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 86.15 Intersect N. bdy. of Tp. 5 lks. E. of cor. of
 secs. 5, 6, 31 & 32, recently estab. by me & described, in Book "D"
 whence I run,
 S. 0° 8' E., on a true line, bet. secs 5 & 6.
 Over heavily rolling land, desc. grad.
 6.50 Wash, 30 lks. wide, course SSW.
 16.00 Wash, 10 lks. wide, course SSW.
 18.00 Wash, 10 lks. wide, course SW.
 28.50 Wash, 20 lks. wide, course WSW.
 40.40 Wash, 10 lks. wide, course W.
 46.15 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.
 51.50 Wash 10 lks. wide, course WSW., asc. grad.
 61.15 Ridge, brs. E. & W., desc.
 65.00 Head of gulch, course ESE. asc.
 72.15 Spur, brs. SE. & NW", desc.
 86,15 To cor. of secs. 5, 6, 7 & 8, hereinbefore described.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub oak, cacti, catclaw, fair grass.

J. B. W.

--- General Description. ---

T. 19 S., R. 24 E. is heavily rolling and broken in the SW., and NE. portions, and mountainous in the SE. and NW. portions, being good grazing land throughout.

There is some good agricultural land in the valleys of the broader draws or washes suitable for dry farming.

H. C. Kendall in sec. 21, and Wm. Neal in sec. 16 have valuable improvements, good dwellings, windmills, etc.

H. C. Kendall also has house and windmill in sec. 28.

Chas. Hoyt has small house located near a small spring in sec. 5.

The mountainous portions of the Tp. are mineralized, but no mines being worked at present.

The rock formation is mostly granite, with ledges of sandstone and limestone outcropping in places

In the higher portions is some cedar, pinon and oak timber, but none of any commercial value.

The several windmills in different parts of the Tp. show water in the wells at depths of from 100 to 250 ft.

No water available for irrigation.

Feb. 24, 1913.

Jesse B. Wright

William B. Elliott

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 direction; 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.

U. S. Surveyor.

116
30

For FINAL OATH OF UNITED STATES SURVEYOR.

BOOK I, 2493

See Book "C"

....., 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, Arizona, *Jan. 26*, 1914.

The foregoing field notes of the survey of
Subdivision Lines of Township 19 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,
^{their supplemental}
under ~~his special~~ instructions dated *January 13, 1913*, 191 .., 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.~~