

BOOK 2491

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Township 20 S. Range 23 E.
BOOK 2174

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4th Standard Parallel South.

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Book "B"

—— Book "D"

Chains.

Survey commenced Feb. 1, 1913, and executed jointly by Jesse B. Wright, and William H. Elliott, U.S. Surveyors, Wright using transit No. 8145, and Elliott using transit No. 8492, both made by Young & Son's, with Smith patent solar attachments, as heretofore described. Having recently adjusted and tested these instruments (See book "B" retracements and re-surveys, 4th Std. Par. S., Rs. 23 & 24 E.,), and knowing them to be in correct adjustment, we proceed as follows : (Initials J.B.W., and W.H.E., show lines run by Wright and Elliott, respectively.)

J. B. W.

At 8h a.m., l.m.t., at the Std. cor. of secs. 35 & 36, on the S. bdy. of the Tp., recently established by W. H. Elliott, and described in Book "B",

I set off $17^{\circ}06\frac{1}{2}'$ 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, as per instructions,

N. $0^{\circ}1'$ E., bet. secs. 35 & 36, (Parallel to E. bdy. of Tp., recently surveyed by me.) Var. $12^{\circ}50'$ E.

Over gently rolling land, asc. grad., through scrub mesquite, and other brush, good grass.

20.00 Foot of limestone hill, brs. E. & W., asc. steep.

30.00 Top of hill, 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 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.

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 20 S R 23 E, in N. half,

S 26 in NW.,

S 25 in NE.,

S 36 in SE., and

S 35 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, hilly.

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

Scrub mesquite, cacti, sage brush, greasewood, fair grass.

S. $89^{\circ}44'$ E., on a random line, bet. secs. 25 & 36.

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

79.96 Intersect E. bdy. of Tp. 5 lks. N. of cor. of secs. 25, 30, 31 & 36, recently established by me & described in Book "D", whence I run N. $89^{\circ}42'$ W., on a true line, bet. secs. 25 & 36.

Over rolling land.

39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.

74.88 Road, brs. ESE. & NW.

79.96 To cor. of secs. 25, 26, 35 & 36, hereinbefore described.

Land, rolling.

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

Sage brush, cacti, good grass.

BOOK 2491

Chains.

- N. $0^{\circ} 1'$ E., bet. secs. 25 & 26.
Over gently rolling land, through catclaw brush and cacti.
- 2.31 Road, brs. ESE. & WNW.
29.80 Wash., 30 lks. wide, course SW.
34.23 Same wash, course SE.
35.85 Same wash, 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 26 in W., and
S 25 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 64.00 Wash, 60 lks. wide, course SW.
67.03 Same wash, course SE.
77.80 Same wash, course SW.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 24, 25 & 26, marked on brass cap, T 20 S R 23 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.
Land, rolling. Soil, 3rd rate, gravelly, sandy.
Catclaw, cacti, good grass.
At this cor., at noon, I set off $17^{\circ} 05'$ S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $31^{\circ} 40\frac{1}{2}'$ N.
-
- S. $89^{\circ} 42'$ E., on a random line, bet. secs. 24 & 25.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect E. bdy. of Tp. 2 lks. S. of cor. of secs. 19, 24, 25 & 30, ~~recently established by me~~, & described in Book D, whence I run
N. $89^{\circ} 43'$ W., on a true line, bet. secs. 24 & 25.
Over rolling land, through scattering cacti & catclaw. desc. grad.
- 39.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 24 in N., and
S 25 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. grad. from cor.
- 60.00 Top of rise, brs. N. & S., desc. grad.
77.50 Wash, 40 lks. wide, course SW.
79.92 To cor. of secs. 23, 24, 25 & 26, ~~hereinbefore described~~
Land, rolling. Soil, 3rd rate, sandy, gravelly, loose. Sage brush, cacti, catclaw, good grass.
-
- N. $0^{\circ} 1'$ E., bet. secs. 23 & 24.
40.00 Over rolling land, asc. grad. through dense 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 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.
- 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 23 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, sandy, gravelly, dry, loose.
Sage brush, cacti, greasewood, catclaw, fair grass.

Chains.

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2491

- S. $89^{\circ}43'$ E., on a random line, bet. secs. 13 & 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect E. bdy. of Tp. 2 lks. S. of cor. of
 secs. 13, 18, 19 & 24, recently estab. by me & described in Book D
 whence I run,
 N. $89^{\circ}44'$ W., on a true line, bet. secs. 13 & 24.
 Over heavily rolling, broken land, through dense brush.
 39.75 Wash, 15 lks. wide, course S., 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 13 in N., and
 S 24 in S. half;
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 48.00 Low ridge, brs. S. & N., desc. grad.
 59.20 Wash, 20 lks. wide, course S., asc. grad.
 80.00 To cor. of secs. 13, 14, 23 & 24, hereinbefore described.
 Land, rolling, broken. Soil, 3rd rate, gravelly, dry.
 Greasewood, catclaw, cacti, fair grass.
 Feb. 1, 1913.

Feb. 2, 1913.

hereinbefore described

- At 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,
 I set off $16^{\circ}49'$ 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. $0^{\circ}1'$ E., bet. secs. 13 & 14.
 Over heavily rolling, broken land, asc. grad. through
 dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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.
 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 23 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.
 Soil, 3rd rate, gravelly, dry.
 Sage brush, catclaw, cacti, greasewood, fair grass.

- S. $89^{\circ}44'$ E., on a random line, bet. secs. 12 & 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect E. bdy. of Tp. 5 lks. N. of cor. of
 secs. 7, 12, 13 & 18, recently estab. by me & described in Book D, whence I run,
 N. $89^{\circ}42'$ W., on a true line, bet. secs. 12 & 13.
 Over heavily rolling land, through dense brush.
 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 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.
 75.00 Draw, 2 chs. wide, course S.
 79.98 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, gravelly, loose, dry.
 Greasewood, cacti, catclaw, fair grass.
 At this cor., at noon, I set off $16^{\circ}47\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}42'$ N.

Chains.

- BOOK 2491
- N. 0° 1' E., bet. secs. 11 & 12.
Over rolling land.
- 5.00 Draw, 6 chs. wide, course SSE., 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 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.
- 48.00 Ridge, brs. E. & W., desc. grad.
- 73.66 Wash, 70 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. 1, 2, 11 & 12, marked on brass cap, T 20 S R 23 E, in N. half, S 2 in NW., S 1 in NE., S 12 in SE., and S 11 in SW. quad.; dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land, rolling.
Soil, 3rd rate, gravelly, dry.
Sage brush, cacti, greasewood, sparse grass.
-
- S. 89° 42' E., on a random line, bet. secs. 1 & 12.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect E. bdy. of Tp. 5 lks. N. of cor. of secs. 1, 6, 7 & 12, recently estab. by me & described in Book D, whence I run, N. 89° 40' W., on a true line, bet. secs. 1 & 12.
Over mts. land, desc. steep.
- 15.00 Foot of steep slope. brs. NE. & SSW., desc. 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 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.
- 41.00 Wash, 15 lks. wide, course N., asc.
- 46.60 Ridge, brs. N. & S., desc.
- 67.60 Wash, 40 lks. wide, course SW.
- 79.96 To cor. of secs. 1, 2, 11 & 12, hereinbefore described.
Land, mts., rolling.
Soil, 3rd rate, stony, gravelly, dry.
Sparse sage brush, greasewood, catclaw, cacti. fair grass.
-
- N. 0° 1' E., on a random line bet. secs. 1 & 2.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 81.94 Intersect N. bdy. of Tp. 2 lks. W. of cor. of secs. 1, 2, 35 & 36, which is a granite stone 12x8x6 ins. above ground marked and witnessed as described by the Surveyor General, whence I run, S. 0° 2' W., on a true line, bet. secs. 1 & 2.
Over rolling, broken land, asc.
- 4.00 Ridge, brs. ENE. & W., desc.
- 8.00 Wash, 15 lks. wide, course SW.
- 41.94 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; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 69.80 Telephone line, brs. E. & W.
- 76.50 Wash, 20 lks. wide, course W.
- 78.32 Road, brs. E. & W.
- 81.94 To cor. of secs. 1, 2, 11 & 12, hereinbefore described.
Land, rolling, broken.
Soil, 3rd rate, gravelly, loose, dry.
Sage brush, greasewood, cacti, good grass.

Feb. 2, 1913.

J. B. W.

Chains.		BOOK 2491
	<p>Feb. 1, 1913. W. H. E. At 8h a.m., l.m.t., at the Std. cor. of secs. 34 & 35, on the S. bdy. of the Tp., recently in estate of one & described in Book B I set off $17^{\circ}06\frac{1}{2}'$ 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. $0^{\circ}1'$ E., bet. secs. 34 & 35. Over rolling land.</p>	
40.00	<p>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; 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.</p>	
80.00	<p>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 23 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, sandy, gravelly. Sage brush, cacti, greasewood, fair grass.</p>	
40.00	<p>S. $89^{\circ}44'$ E., on a random line, bet. secs. 26 & 35. Set temp. $\frac{1}{4}$ sec. cor.</p>	
80.00	<p>Intersect N. & S. line 5 lks. S. of cor. of secs. 25, 26, 35 & 36, hereinbefore described, whence I run, N. $89^{\circ}46'$ W., on a true line, bet. secs. 26 & 35. Over rolling land, through scattering brush.</p>	
40.00	<p>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.</p>	
52.50	Centre of draw, 5 chs. wide, course SE.	
59.20	Road, brs. SE. & NNW.	
80.00	<p>To cor. of secs. 26, 27, 34 & 35, hereinbefore described. Land, rolling. Soil, 3rd rate, sandy, gravelly, loose, dry. Sage brush, greasewood, cacti, good grass.</p>	
	<p>N. $0^{\circ}1'$ E., bet. secs. 26 & 27. Over rolling land.</p>	
35.00	Enter draw, course SSE.	
40.00	<p>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.</p>	
52.10	Road, brs. E. & W.	
60.00	Leave draw.	
80.00	<p>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 23 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, 3rd rate, sandy, gravelly, loose. Scattering greasewood, sage brush, cacti, good grass. At this cor., at noon, I set off $17^{\circ}05'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}40\frac{1}{2}'$ N.</p>	

Chains.

BOOK 2491

S. 89°46' E., on a random line, bet. secs. 23 & 26.
 Set temp. $\frac{1}{4}$ sec. cor.
 40.00 Intersect N. & S. line 5 lks. N. of cor. of
 79.94 secs. 23, 24, 25 & 26, ~~hereinbefore described~~, whence I run,
 N. 89°44' W., on a true line, bet. secs. 23 & 26.
 Over gently rolling land, asc. grad.
 35.00 Top of rise, brs. S. & N., desc. 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 23 in N., and
 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.
 76.05 Road, brs. N. & S. Wash, 20 lks. wide, course S.
 79.94 To cor. of secs. 22, 23, 26 & 27, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, loose. dry.
 Sage brush, cacti, sparse greasewood, good grass.

N. 0° 1' E., bet. secs. 22 & 23.
 Over rolling land, asc. grad.
 22.00 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 22 in W., and
 S 23 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 52.00 Wash, 20 lks. wide, course SSE.
 59.20 Road, brs. NNW. & SSE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 14, 15, 22 & 23, marked on
 brass cap, T 20 S R 23 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, sandy, loose.
 Sage brush, cacti, greasewood, good grass.

S. 89°44' E., on a random line, bet. secs. 14 & 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. & S. line 2 lks. N. of cor. of
 secs. 13, 14, 23 & 24, ~~hereinbefore described~~, whence I run,
 N. 89°43' W., on a true line, bet. secs. 14 & 23.
 Over rolling land, through dense brush.
 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 14 in N., and
 S 23 in S. half;
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 79.98 To cor. of secs. 14, 15, 22 & 23, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, loose.
 Sage brush, greasewood, cacti, catclaw, good grass.
 Feb. 1, 1913.

Chains.

Feb. 2, 1913. hereinbefore described
 At 8h a.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23,
 I set off 16°49' S. on the decl. arc, and 31°41' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 1' E., bet. secs. 14 & 15.
 Over rolling land, asc. grad., through dense brush.
 14.41 Road, brs. NNE. & SSW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 15 in W., and
 S 14 in E. half;
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 60.00 Asc. steep.
 73.00 Top of E. side of hill, brs. E. & W., desc. steep.
 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 23 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. Soil, 3rd rate, gravelly, dry.
 Sage brush, greasewood, cacti, fair grass.

40.00 S. 89°43' E., on a random line, bet. secs. 11 & 14.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 11, 12, 13 & 14, ~~hereinbefore described~~, whence I run,
 N. 89°45' W., on a true line, bet. secs. 11 & 14.
 Over broken land, through scattering brush.
 5.00 Asc. steep.
 15.00 Hill, brs. E. & W., desc.
 21.00 Wash, 20 lks. wide, course NE., asc.
 37.00 Ridge, brs. NNE. & SSW., 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 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.
 45.20 Wash, 15 lks. wide, course SW.
 52.47 Road, brs. NE. & SW.
 70.00 Draw, 3 chs. wide, course SE., asc.
 79.98 To cor. of secs. 10, 11, 14 & 15, hereinbefore described.
 Land, rolling, broken. Soil, 3rd rate, gravelly, dry.
 Greasewood, catclaw, cacti, sage brush, fair grass.
 At this cor., at noon, I set off 16°47 $\frac{1}{2}$ ' S. on the decl.
 arc, and observe the sun on the meridian.
 The observed lat. is 31°42' N.

40.00 N. 0° 1' E., bet. secs. 10 & 11.
 Over heavily rolling land, desc. 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 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.
 41.00 Wash, 15 lks. wide, course W., asc.
 65.00 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. 2, 3, 10 & 11, marked on
 brass cap, T 20 S R 23 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. Soil, 3rd rate, gravelly, dry.
 Greasewood, cacti, sage brush, good grass.

Chains.

BOOK 2491

S. $89^{\circ}45'$ E., on a random line, bet. secs. 2 & 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 5 lks. N. of cor. of
 secs. 1, 2, 11 & 12, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}43'$ W., on a true line, bet. secs. 2 & 11.
 Over heavily rolling, broken land, desc. grad.
 24.05 Wash, 50 lks. wide, course SW.
 26.30 Same wash, course NW.
 32.70 Wash, 20 lks. wide, course N., 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 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.
 45.00 Low ridge, brs. N. & S., desc.
 50.37 Road, brs. NW. & SE.
 55.00 Wash, 30 lks. wide, course N.
 61.75 Wash, 10 lks. wide, course NW. asc.
 70.00 Ridge, brs. N. & S., desc.
 78.75 Wash, 20 lks. wide, course N.
 80.00 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, sage brush, catclaw, cacti, good grass.

N. $0^{\circ}2'$ E., on a random line, bet. secs. 2 & 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 81.65 Intersect N. bdy. of Tp. 2 lks. W. of cor. of
 secs. 2, 3, 34 & 35, which is a limestone $12 \times 8 \times 5$ ins.
 above ground, marked and witnessed as described by the
 Surveyor-General, whence I run,
 S. $0^{\circ}3'$ W., on a true line, bet. secs. 2 & 3.
 8.00 Over heavily rolling, broken land.
 41.65 Wash 20 lks. wide, course WSW.
 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.
 47.50 Ridge, brs. NE. & SW.
 70.81 Telephone line, brs. E. & W.
 72.70 Road, brs. ESE. & WNW.
 76.70 Wash, 40 lks. wide, course W.
 81.65 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.
 81.65 Wash, 20 lks. wide, course WSW.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Scrub mesquite, catclaw, greasewood, cacti, sage brush,
 fair grass.

Feb. 2, 1913.

W. H. E.

Chains.

- Feb. 3, 1913. J. B. W.
 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 W.H.E. described in Book "B"
 I set off $16^{\circ}31\frac{1}{2}'$ 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,
 (North, bet. secs. 33 & 34.
 Over rolling land, through dense brush.
 22.00 Draw, 1 ch. 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 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.
 Asc. over broken S. slope.
 60.00 Asc. steep.
 70.00 Top of ridge, brs. NNW. & SSE., desc.
 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 23 E, in N. half,
 S 28 in NW.,
 S 27 in NE.,
 S 34 in SE., and
 S 33 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.
 Greasewood, catclaw, cacti, mesquite, good grass.
-
- 40.00 S. $89^{\circ}44'$ E., on a random line, bet. secs. 27 & 34.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. & S. line at cor. of secs. 26, 27, 34 & 35,
~~hereinbefore described~~, whence I run,
 N. $89^{\circ}44'$ W., on a true line, bet. secs. 27 & 34.
 Over rolling land, through dense brush.
 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.
 Asc. grad. from cor.
 50.50 Ridge, brs. N. & S., desc. grad.
 52.20 Wash, 20 lks. wide, course S., asc.
 55.00 Ridge, brs. NNW. & SE., desc. grad.
 76.00 Wash, 10 lks. wide, course SSE., asc.
 79.98 To cor. of secs. 27, 28, 33 & 34, hereinbefore described.
 Land, rolling, broken. Soil, 3rd rate, gravelly, dry.
 Greasewood, blackbrush, cacti, catclaw, fair grass.
-
- 40.00 North, bet. secs. 27 & 28.
 Over rolling land, desc. along E. slope of hill,
 through dense 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 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 earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 21, 22, 27 & 28, marked on
 brass cap, T 20 S R 23 E, in N. half,
 S 21 in NW.,
 S 22 in NE.,
 S 27 in SE., and
 S 28 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, rolling. Soil, 3rd rate, gravelly, dry.
 Scrub mesquite, catclaw, cacti, greasewood, fair grass.
 At this cor., at noon, I set off $16^{\circ}30'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}40\frac{1}{2}'$ N.

BOOK 2491

BOOK 2491

Chains.

40.00 S. 89°44' E., on a random line, bet. secs. 22 & 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect cor. of secs. 22, 23, 26 & 27, ~~hereinbefore described~~, ^{whence I run,}
 N. 89°44' W., on a true line, bet. secs. 22 & 27.
 Over rolling land, through dense brush.
 37.00 Road, brs. WNW. & ESE.
 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
 $\frac{1}{4}$ 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.
 79.94 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, loose, dry.
 Scrub mesquite, catclaw, cacti, sage brush, good grass.

North, bet. secs. 21 & 22.
 Over rolling land, through dense brush, on divide,
 drainage to NW. & SE.
 33.61 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 22 in W., and
 $\frac{1}{4}$ S 22 in E. half;
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 77.54 Wash, 20 lks. wide, course WNW.
 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 23 E, in N. half,
 $\frac{1}{4}$ S 16 in NW.,
 $\frac{1}{4}$ S 15 in NE.,
 $\frac{1}{4}$ S 22 in SE., and
 $\frac{1}{4}$ S 21 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.
 Greasewood, sage brush, catclaw, cacti, good grass.

40.00 S. 89°44' E., on a random line, bet. secs. 15 & 22.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line 5 lks. N. of cor. of
 secs. 14, 15, 22 & 23, ~~hereinbefore described~~, whence I run,
 N. 89°42' W., on a true line, bet. secs. 15 & 22.
 Over gently rolling land, through scrub mesquite and
 cacti.
 1.90 Road, brs. N. & S.
 15.00 Asc. grad., from wash, 30 lks. wide, course SSE.
 25.00 Asc. steep.
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 15 in N., and
 $\frac{1}{4}$ S 22 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 43.60 Top of divide, brs. NNE. & SSE., desc.
 59.00 Wash, 20 lks. wide, course WNW., thence over low NW.
 point of hill.
 64.00 Same wash as above, course WSW.
 79.96 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, loose, dry.
 Greasewood, mesquite, cacti, good grass.
 Feb. 3, 1913.

Chains.

Feb. 4, 1913.

~~hereinbefore described~~

At 8h a.m., l.m.t., at the cor. of secs. 15, 16, 21 & 22,
I set off $16^{\circ}14'S$. on the decl. arc, and $31^{\circ}41'N$. on
the lat. arc, and determine a meridian with the solar.
Thence I run,

North, bet. secs. 15 & 16.

Over rolling land, asc. grad., through scattering brush.

11.00

Top of spur, brs. W. & E., from ridge, N. & S., desc.

39.50

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 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.

59.00

Wash, 15 lks. wide, course SW., asc. stony hill.

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, ~~S 25 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, rolling.

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

Sage brush, greasewood, mesquite, cacti, good grass.

S. $89^{\circ}42'$ E., on a random line, bet. secs. 10 & 15.

40.00

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

80.00

Intersect N. & S. line 5 lks. S. of cor. of secs.
10, 11, 14 & 15, ~~hereinbefore described~~, whence I run,

N. $89^{\circ}44'$ W., on a true line, bet. secs. 10 & 15.

Over rolling land, asc. steep, stony slope.

9.00

Top of N. slope of hill, brs. N. & S., desc.

22.00

Low pass bet. hills, brs. NNW. & SSW., asc.

40.00

Top of ridge, brs. NNE. & 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 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.

Desc. grad. from cor.

46.00

Desc. steep.

56.00

Wash, 20 lks. wide, course SSW., asc. steep.

60.00

Top of small hill, brs. N. & S., desc. steep.

66.00

Desc. grad.

80.00

To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~.

Land, rolling, broken, mts.

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

Greasewood, catclaw, cacti, fair grass.

At this cor., at noon, I set off $16^{\circ}12\frac{1}{2}'S$. on the decl.
arc, and observe the sun on the meridian.

The resulting lat. is $31^{\circ}42' N$.

North, bet. secs. 9 & 10.

Over rolling, broken land, asc. grad.

4.00

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 9 in W., and

S 10 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.

70.00

Wash, 10 lks. wide, course NNW.

76.50

Wash, 100 lks. wide, course W.

Chains.

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 23 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, broken.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, cacti, sage brush, fair grass.

40.00

S. $89^{\circ}44'$ E., on a random line, bet. secs. 3 & 10.
 Set temp. $\frac{1}{4}$ sec. cor.

79.98

Intersect N. & S. line 5 lks. S. of cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~, whence I run, N. $89^{\circ}46'$ W., on a true line, bet. secs. 3 & 10.
 Over rolling land, in draw, through dense brush.

13.27

Wash, 50 lks. wide, course SW.

24.00

Same wash, course W., from SE., thence along same.

34.28

Wire fence, brs. NW. & SE.

39.99

Point for $\frac{1}{4}$ sec. cor. falls in wash, which follows the line for considerable distance; 50 lks. N. of line I

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 $\frac{1}{4}$ N. of centre,

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.
 From this cor., House of Edgar H. Reeves brs. North,
 6 chs. dist.

46.00

Wash, 150 lks. wide, turns to NW., asc. stony N. slope.

57.00

Desc.

67.47

Wire fence, brs. NE. & SW.

68.00

Wash, 70 lks. wide, course SW.

79.98

To cor. of secs. 3, 4, 9 & 10, hereinbefore described.

Land, rolling, broken.

Soil, 3rd rate, stony, gravelly.

Scrub mesquite, catclaw, greasewood, willow, sage brush, sparse grass.

40.00

N. $0^{\circ}2'$ E., on a random line, bet. secs. 3 & 4.

81.38

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

Intersect N. bdy. of Tp. 5 lks. E. of cor. of secs. 3, 4, 33 & 34, which is a limestone $12 \times 8 \times 7$ ins. above ground, marked and witnessed as described by the Surveyor-General, whence I run.

South, on a true line, bet. secs. 3 & 4.

Over rolling, broken land.

41.38

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.

46.10

Road, brs. E. & W.

50.00

Wash, 10 lks. wide, course NW.

50.13

Telephone line, brs. E. & W.

81.38

To cor. of secs. 3, 4, 9 & 10, hereinbefore described.

Land, rolling.

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

Greasewood, catclaw, mesquite, sage brush, fair grass.

Feb. 4, 1913.

J. B. W.

Chains.

Feb. 3, 1913.

W.H.E.

BOOK

2491

At 8h a.m., l.m.t., at the ~~std.~~ cor. of secs. 32 & 33, on the S. bdy. of th Tp. ~~recently re-estab. by me & described in Book B~~
I set off ~~16°31' S.~~ on the decl. arc, and ~~31°38½' N.~~ on the lat. arc, and determine a meridian with the solar. Thence I run,

North, bet. secs. 32 & 33.

Over gently undulating land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 32 in W., and
S 33 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 Draw, 75 lks. wide, course SE.

74.50 Road, brs. SSE. & NNW.

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 20 S R 23 E, in N. half,
S 29 in NW.,
S 28 in NE.,
S 33 in SE., and
S 32 in SW. quad.;

dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, rolling. Soil, 3rd rate, sandy, gravelly, loose. Sage brush, greasewood, catclaw, cacti, good grass.

S. 89°44' E., on a random line, bet. secs. 28 & 33.

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

80.02 Intersect N. & S. line 2 lks. N. of cor. of secs. 27, 28, 33 & 34, ~~hereinbefore described~~, whence I run,

N. 89°43' W., on a true line, bet. secs. 28 & 33.

Over mts. land, asc. steep.

2.00 Ridge, brs. N. & S., desc. steep.

35.50 Wash, 10 lks. wide, course SSW., 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 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.

65.00 Draw, 1 ch. wide, course S.

79.30 Road, brs. SSE. & NNW.

79.50 Wash, 15 lks. wide, course SSE.

80.02 To cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~.

Land, rolling, broken. Soil, 3rd rate, gravelly, loose. Greasewood, ~~sage brush~~, cacti, good grass.

North, bet. secs. 28 & 29.

Over rolling land.

9.20 Wash, 18 lks. wide, course SSE.

10.00 Road, brs. SSE. & NNW.

37.00 Wash, 10 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,
~~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.

41.50 Ridge, brs. E. & W., desc. grad.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 20 S R 23 E, in N. half,
S 20 in NW., S 21 in NE.,
S 28 in SE., and S 29 in SW. quad.;

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

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

Greasewood, sage brush, cacti, fair grass.

At this cor., at noon, I set off 16°30' S. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is $31^{\circ}40\frac{1}{2}'$ N.

BOOK 249	Chains.	
		S. 89°43' E., on a random line, bet. secs. 21 & 28.
	40.00	Set temp. $\frac{1}{4}$ sec. cor.
	80.00	Intersect N. & S. line 5 lks. N. of cor. of secs. 21, 22, 27 & 28, hereinbefore described , whence I run, N. 89°41' W., on a true line, bet. secs. 21 & 28. Over rolling land, asc. grad.
	25.00	Ridge, brs. S. & N., 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 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.
	55.00	Draw, 1 ch. wide, course NNW.
	80.00	To cor. of secs. 20, 21, 28 & 29, hereinbefore described . Land, rolling. Soil, 3rd rate, gravelly, dry, loose. Greasewood, sage brush, cacti, scrub mesquite, fair grass.
<hr/>		
		North, bet. secs. 20 & 21.
		Over gently rolling land through dense brush.
	30.00	Draw, 1 ch. wide, course WNW.
	40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 20 in W., and S 21 in E. half; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	64.72	Road, brs. E. & WSW.
	67.50	Wash, 20 lks. wide, course WNW.
	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, S 20 S. R. 23 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. Soil, 3rd rate, gravelly, dry. Scrub mesquite, catclaw, greasewood, sage brush, cacti, good grass.
<hr/>		
		S. 89°41' E., on a random line, bet. secs. 16 & 21.
	40.00	Set temp. $\frac{1}{4}$ sec. cor.
	80.02	Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. of secs. 15, 16, 21 & 22, hereinbefore described , whence I run, N. 89°42' W., on a true line, bet. secs. 16 & 21. Over heavily rolling, broken land, through dense brush.
	4.75	Wash, 10 lks. wide, course WNW.
	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 16 in N., and S 21 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
	80.02	To cor. of secs. 16, 17, 20 & 21, hereinbefore described . Land, rolling, broken. Soil, 3rd rate, gravelly, dry, loose, calcareous. Scrub mesquite, catclaw, cacti, sage brush, fair grass.

Feb. 3, 1913. W. H. E.

Chains.

BOOK 249

Feb. 5, 1913. J. B. W.
 At 8h a.m., l.m.t., at the cor. of secs. 16, 17, 20 & 21,
 as hereinbefore described,
 I set off $15^{\circ}56'18''$ S. on the decl. arc, and $31^{\circ}41'$ N. on
 the lat. arc, and determine a meridian with the solar.

Thence I run,
 North, bet. secs. 16 & 17.

- Over rolling, 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 17 in W., and
 S 16 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.
 47.95 Wash, 50 lks. wide, course W., asc. grad.
 60.00 Low ridge, brs. E. & W., desc. grad.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 8, 9, 16 & 17, marked on
 brass cap, T 20 S R 23 E, in N. half,
 S 8 in NW.,
 S 9 in NE.,
 S 16 in SE., and
 S 17 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.
 Greasewood, catclaw, cacti, sparse grass.

- S. $89^{\circ}42'$ E., on a random line, bet. secs. 9 & 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 9, 10, 15 & 16, ~~hereinbefore described~~ whence I run,
 N. $89^{\circ}44'$ W., on a true line, bet. secs. 9 & 16.
 Over rolling land, through dense brush.
 38.24 Wash, 30 lks. wide, course SW.
 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 9 in N., and
 S 16 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.
 80.04 To cor. of secs. 8, 9, 16 & 17, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, sage brush, catclaw, cacti, fair grass.

- North, bet. secs. 8 & 9.
 Over rolling land, desc. grad.
 2.50 Draw, 150 lks. wide, course W., asc. grad.
 10.00 Ridge, brs. E. & W., desc. grad.
 25.00 Draw, 2 chs. wide, course WSW., asc. grad.
 38.00 Flat 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 8 in W., and
 S 9 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.
 49.00 Wash, 15 lks. wide, course W., asc. grad.
 54.00 W. point of ridge, brs. E. & W., desc. grad.
 64.50 Wash, 80 lks. wide, course WSW., asc. grad.
 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 23 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, broken. Soil, 3rd rate, gravelly, dry.
 Fair grass.

Chains.

- BOOK 2491
- S. $89^{\circ}44'$ E., on a random line, bet. secs. 4 & 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. & S. line 5 lks. N. of cor. of
 secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}42'$ W., on a true line, bet. secs. 4 & 9.
 Over rolling land, desc. grad.
 16.00 Wash, 80 lks. wide, course WNW .
 38.00 Wash, 80 lks. wide, course WSW .
 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.
 At this cor., at noon, I set off $15^{\circ}54\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}43'$ N.
 42.25 Knoll, brs. ENE . & WSW ., desc. grad.
 80.04 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, sage brush, cacti, mesquite, fair grass.
-
- North, on a random line, bet. secs. 4 & 5.
 40.00 Set temp, $\frac{1}{4}$ sec. cor,
 80.97 Intersect N. bdy. of Tp. 5 lks. W. of cor. of
 secs. 4, 5, 32 & 33, which is a granite stone $16 \times 10 \times 6$
 ins. above ground, marked and witnessed as described
 by the Surveyor-General, whence I run,
 S. $0^{\circ} 2'$ W., on a true line, bet. secs. 4 & 5.
 Over rolling, broken land, desc. grad.
 3.30 Wash, 80 lks. wide, course WSW ., asc. grad.
 20.00 Low ridge, brs. E. & W., desc. grad.
 31.40 Telephone line, brs. E. & W.
 36.50 Wash, 20 lks. wide, course W., asc. grad.
 39.64 Road, brs. E. & W.
 40.97 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 5 in W., and
 S 4 in E. half;
 dig pits $18 \times 18 \times 12$ ins. N. & S. of cor. 3 ft. dist., and
 raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high W. of cor.
 50.00 Ridge, brs. E. & W., desc. grad.
 53.50 Draw, 150 lks. wide, course WSW ., asc. grad.
 67.50 Ridge, brs. E. & W., desc. grad.
 80.97 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, scrub mesquite, catclaw, cacti, sparse grass.

Feb. 5, 1913. J. B. W.

Chains.

B001

2491

Feb. 4, 1913.

W. H. E.

At 8h a.m., l.m.t., at the std. cor. of secs. 31, 32, on the S. bdy. of the Tp. recently re-established and described in Book "B" I set off $16^{\circ}14'$ 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. 31 & 32.

Over rolling land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 31 in W., and
 S 32 in E. half;

dig pits $18 \times 18 \times 12$ 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.

49.50 Ridge, brs. E. & W., desc.

52.00 Wash, 10 lks. wide, course SW., near head, asc. grad.

54.00 Ridge, brs. ESE. & WNW., desc. 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 20 S R 23 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, rolling, broken.

Soil, 3rd rate, gravelly, dry.

Greasewood, sage brush, cacti, catclaw, sparse grass.

S. $89^{\circ}44'$ E., on a random line, bet. secs. 29 & 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.96 Intersect N. & S. line 5 lks. S. of cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~, whence I run,
N. $89^{\circ}46'$ W., on a true line, bet. secs. 29 & 32.

Over rolling land, through dense brush.

4.75 Road, brs. SSE. & NNW.

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 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.

43.00 Wash, 20 lks. wide, course SE., asc. grad.

53.00 Ridge, brs. SE. & NW., desc. grad.

75.00 Draw, 1 ch. wide, course SE.,

79.96 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.

Land, rolling.

Soil, 3rd rate, gravelly, dry.

Sage brush, greasewood, catclaw, fair grass.

N. $89^{\circ}44'$ W., on a random line, bet. secs. 30 & 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.90 Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs. 25, 30, 31 & 36, which is a limestone $14 \times 10 \times 8$ ins. above ground, marked and witnessed as described by the Surveyor-General, whence I run,
S. $89^{\circ}46'$ E., on a true line, bet. secs. 30 & 31.

Over rolling, broken land, desc.

10.70 Telephone line, brs. N. & S.,

13.00 Wash, 20 lks. wide, course SSE., asc.

25.00 Ridge, brs. NNW. & SSE., desc.

39.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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.

41.50 Wash, 20 lks. wide, course S., asc.

43.00 Small ridge, brs. N. & S., desc.

44.50 Wash, 15 lks. wide, course S., asc.

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

79.90 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.

BOOK 2491

Chains.

Land, rolling, broken, mts.
Soil, 3rd rate, gravelly, loose, dry.
Greasewood, cacti, catclaw, scrub mesquite, fair grass.

N. 0° 1' W., bet secs. 29 & 30.
Over rolling land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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 23 E, in N. half,
S 19 in NW.,
S 20 in NE., a
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, rolling. Soil, 3rd rate, gravelly, dry.
Greasewood, catclaw, sage brush, sparse grass.

40.00 S. 89°46' E., on a random line, bet. secs. 20 & 29
Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. & S. line 5 lks. S. of cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~, whence I run,
N. 89°48' W., on a true line, bet. secs. 20 & 29.
Over rolling land, through dense brush.

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 20 in NW. and~~
S 29 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.

57.50 Road, brs. SE. & NW., Tombstone to Bisbee.
79.94 To cor. of secs. 19, 20, 29 & 30, hereinbefore described.
Land, rolling.
Soil, 3rd rate, gravelly, dry.
Catclaw, greasewood, cacti, sage brush, sparse grass.

Feb. 4, 1913.

Chains.

- Feb. 5, 1913. hereinbefore described,
 At 8h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30,
 I set off 15°56' E. on the decl. arc, and 31°40' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 89°46' W., on a random line, bet. secs. 19 & 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect W. bdy. of Tp. 5 lks. N. of cor. of
 secs. 19, 24, 25 & 30, which is a limestone 10x6x6 ins.
 above ground, marked and witnessed as described by the
 Surveyor-General, whence I run,
 S. 89°48' E., on a true line, bet. secs. 19 & 30.
 Over rolling land.
 20.15 Telephone line, brs. N. & S.
 38.50 Road, brs. NE. & SW.
 39.92 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 5
 $\frac{1}{4}$ 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.
 79.92 To cor. of secs. 19, 20, 29 & 30, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, catclaw, cacti, sparse grass.
-
- N. 0° 1' W., bet. secs. 19 & 20.
 Over rolling land, through dense brush.
 30.00 Road, Tombstone to Bisbee, 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 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.
 75.89 Road, brs. ESE. & WNW., Tombstone to East.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 2 4 ins. in
 the ground for cor. of secs. 17, 18, 19 & 20, marked on
 brass cap, T 20 S R 23 E, in N. half,
 S 18 in NW.,
 S 19 in NE.,
 S 20 in SE., and
 S 19 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.
 Sage brush, greasewood, catclaw, cacti, sparse grass.
-
- S. 89°48' E., on a random line, bet. secs. 17 & 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. & S. line 9 lks. N. of cor. of
 secs. 16, 17, 20 & 21, hereinbefore described, whence I run,
 N. 89°44' W., on a true line, bet. secs. 17 & 20.
 Over heavily rolling land, through dense brush.
 25.50 Wash, 20 lks. wide, course NNW., asc. grad.
 39.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 17 in N., and
 S 20 in S. half;
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
 raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 44.00 Top of low ridge, brs. N. & S., desc. grad.
 59.00 Draw, 2 chs. wide, course N., asc. grad.
 79.92 To cor. of secs. 17, 18, 19 & 20, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Sage brush, cacti, catclaw, greasewood, fair grass.
 At this cor., at noon, clouds obscure the sun,
 Impracticable to make a satisfactory observation for
 lat.

Chains.

BOOK 2491

40.00 N. 89°48' W., on a random line, bet. secs. 18 & 19.
Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect W. bdy. of Tp. 12 lks. S. of cor. of
secs. 13, 18, 19 & 24, which is a limestone 6x6x6 ins.
above ground marked and witnessed as described by the
Surveyor-General, whence I run,
S. 89°43' E., on a true line, bet. secs. 18 & 19.
Over rolling, broken land, desc. grad., through dense
brush.

23.00 Telephone line, Bisbee to Tombstone, brs. NNW. & SSE.

39.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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.

61.70 Road, brs. NNW. & S., joins valley road 1 ch" to N.

67.30 Valley road, Tombstone to East, brs. WNW. & ESE.

79.90 To cor. of secs. 17, 18, 19 & 20, hereinbefore described.
Land, rolling, broken.
Soil, 3rd rate, gravelly, dry.
Sage brush, cacti, greasewood, catclaw, fair grass.
Feb. 5, 1913. W. H. E.

Feb. 6, 1913. J. B. W. & W. H. E. hereinbefore described,
At 8h a.m., l.m.t., at the cor. of secs. 17, 18, 19 & 20,
it being cloudy, and impracticable to make a solar
observation for meridian, we sight a flag at the
 $\frac{1}{4}$ sec. cor., bet. secs. 19 & 20, and also at the cor. of
secs. 19, 20, 29 & 30; therefore we project this line
and run, by back & fore sights,
N. 0° 1' W., bet. secs. 17 & 18.
Over rolling land, through dense brush.

21.75 Wash, 20 lks. wide, course NE.

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.

41.00 Low ridge, brs. WSW. & E., desc. grad.

71.50 Draw, 150 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. 7, 8, 17 & 18, marked on
brass cap, T 20 S R 23 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.
Soil 3rd rate, gravelly, dry.
Greasewood, cacti, sage brush, fair grass.

J.B.W. & W.H.E.

Chains.

W.H.E. BOOK 2491

S. 89°44' E., on a random line, bet. secs. 8 & 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 8, 9, 16 & 17, ~~hereinbefore described~~, whence I run,
 N. 89°46' W., on a true line, bet. secs. 8 & 17.
 Over rolling land, desc. grad.
 32.00 Wash, 10 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 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.
 46.00 Low ridge, brs. N. & S., desc. grad.
 75.80 Wash, 80 lks. wide, course NW., asc. grad.
 79.94 To cor. of secs. 7, 8, 17 & 18, hereinbefore described.
 Land, heavily rolling.
 Soil, 3rd rate, gravelly, dry.
 Greasewood, catclaw, sage brush, fair grass.

W.H.E.

J.B.W.

N. 89°43' W., on a random line, bet. secs. 7 & 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect W. bdy. of Tp. 5 lks. S. of cor. of
 secs. 7, 12, 13 & 18, which is a limestone 10x10x5 ins.
 above ground, marked and witnessed as described by the
 Surveyor-General, whence I run,
 S. 89°41' E., on a true line, bet. secs. 7 & 18.
 Over heavily rolling, broken land, through dense brush.
 Asc.
 8.35 Road, brs. NNW. & SSE.
 20.00 Ridge, brs. N. & S., desc.
 39.88 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.
 45.00 Wash, 15 lks. wide, course NE., asc.
 57.00 Ridge, brs. NE. & SW., desc.
 64.50 Wash, 30 lks. wide, course NNE, asc.
 70.00 Ridge, brs. N. & S., desc.
 79.88 To cor. of secs. 7, 8, 17 & 18, hereinbefore described.
 Land, rolling heavily, mts., broken.
 Soil, 3rd rate, gravelly, stony, dry.
 Greasewood, scrub mesquite, catclaw, cacti, sparse grass.

N. 0° 1' W., bet. secs. 7 & 8.
 Over heavily rolling land.
 8.00 Wash, 80 lks. wide, course NW.
 39.00 Wash, 20 lks. wide, course WSW., asc.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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.
 48.00 Ridge, brs. E. & W., desc.
 65.00 Wash, 20 lks. 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. 5, 6, 7 & 8, marked on
 brass cap, T 20 S R 23 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, loose, dry.
 Greasewood, cacti, catclaw, mesquite, fair grass.
 At this cor., at noon, clouds obscure the sun.
 Impracticable to observe the lat.

J.B.W.

Chains.

W.H.E.

54
COOK 2491

S. 89°46' E., on a random line, bet. secs. 5 & 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 10 lks. N. of cor. 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 heavily rolling, 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 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.
 55.00 Wash, 80 lks. wide, course NW.
 80.00 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.
 Land, rolling. Soil, 3rd rate, gravelly, dry.
 Cacti, greasewood, sage brush, fair grass.

N. 89°41' W., on a random line, bet. secs. 6 & 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.82 Intersect W. bdy. of Tp. 5 lks. N. of cor. of
 secs. 1, 6, 7 & 12, which is limestone 10x8x6 ins. above
 ground, marked and witnessed as described by the
 Surveyor-General, whence I run,
 S. 89°43' E., on a true line, bet. secs. 6 & 7.
 Over heavily rolling, broken land, through dense brush.
 14.60 Wash, 60 lks. wide, course S.
 39.82 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.
 41.11 Wash, 10 lks. wide, course NW.
 47.80 Wash, 10 lks. wide, course NNW.
 52.30 Wash, 15 lks. wide, course WNW.
 79.82 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.
 Land, rolling, broken. Soil, 3rd rate, gravelly, dry.
 Greasewood, catclaw, cacti, sage brush, fair grass.

N. 0° 1' E., on a random line, bet. secs. 5 & 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
 80.41 Intersect N. bdy. of Tp. at cor. of secs. 5, 6, 31 & 32,
 which is a limestone 14x12x6 ins. above ground, marked
 and witnessed as described by the Surveyor-General,
 Whence I run,
 S. 0° 1' W., on a true line, bet. secs. 5 & 6.
 Over heavily rolling, broken land.
 10.50 Road, brs. E. & W.
 19.68 Telephone line, brs. E. & W.
 27.10 Road, brs. E. & W.
 40.41 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 6 in W., and
 S 5 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.
 54.40 Draw, 4 chs. wide, course W.
 55.70 Wash, 50 lks. wide, course WNW., asc. grad.
 80.41 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.
 Land, rolling, broken. Soil, 3rd rate, gravelly, dry.
 Greasewood, cacti, scrub mesquite, catclaw, fair grass.

W.H.E.

General Description.

T. 20 S., R. 23 E. is in general rolling or broken.
 There is some good agricultural land in the broad draws
 and in the SE. or smoother portion of the Tp.

There is no water or timber in the Tp.

Edgar H. Reeves, in sec. 3 has built dwelling house,
 and made other substantial improvements, wells, windmills,
 corrals, etc. There are indications of mineral in the
 Tp., but no developed mines.

Feb. 6, 1913.

James R. Wright
William C. Clark
 U. S. Surveyors.

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BOOK 2491

For FINAL OATH OF UNITED STATES SURVEYOR.

See Book " C "

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., *Jan. 26*, 1914

The foregoing field notes of the survey of _____
the Subdivisions lines of _____
Township 20 South, Range 23 East, of the _____
Gila & Salt River Base & Meridian, Arizona.

executed by Jesse B. Wright & William H. Elliott, U.S. Surveyors
under ~~his special instructions~~ ^{their supplemental} 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.~~