

JUN 2-1913

BOOK 2483

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 23 S., R. 31 E.

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Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Jesse B. Wright,

In the capacity of U. S. Surveyor, under instructions dated Oct. 6, 1911,

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, October 14, 1911, pursuant to authority contained in the Act of

Congress dated Aug. 24, 1912

Survey commenced Dec. 5, 1912., 191

Survey completed Dec. 15, 1912., 191

BOOK 2483

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—— Book "D"  
 —— Book "G"

Chains.

Survey commenced Dec. 5, 1912, and executed with a Young & Son's light mountain transit No. 8145, with Smith's patent solar attachment on side. The horizontal limb of the instrument reads to single minutes of arc, by two double verniers placed opposite to each other, which is also the least reading of the verniers of the latitude and declination arcs, and of the vertical arc of the instrument.

Knowing from recent and repeated tests made on a true meridian established by observation of Polaris that the instrument is in correct adjustment, I proceed as follows : -

At 8h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36, on the S. bdy. of the Tp., recently established by me and described in Book D, lat.  $31^{\circ}22'37''$  N., long.  $109^{\circ}08'49''$  W.,

I set off  $22^{\circ}20'$  S. on the decl. arc, and  $31^{\circ}22\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions,

N.  $0^{\circ}1'$  W., bet. secs. 35 & 36.  
Var.  $13^{\circ}$  E.

Over heavily rolling, broken land, through mesquite brush, and cacti, good native grass.

.55  
5.00  
10.66  
40.00

Old road, brs. SE. & NE.

Wash, 2 chs. wide, course WSW.

Old road, brs. NE. & SW.

Set an iron post 3 ft. 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.

50.50

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. 25, 26, 35 & 36, marked on brass cap, T 23 S R 31 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. Land, rolling, broken.

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

Mesquite, greasewood, sage brush, cacti, fair grass.

40.00

N.  $89^{\circ}58'$  E., on a random line, bet. secs. 25 & 36.

80.02

Set temp.  $\frac{1}{4}$  sec. cor. Intersect E. bdy. of Tp. at cor. of secs. 25, 30, 31 & 36, recently estab. by me & described in Book D, whence I run, S.  $89^{\circ}58'$  W., on a true line, bet. secs. 25 & 36. Over rolling land.

33.00

Wash, 20 lks. wide, course SSW.

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 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.

50.00

Enter wash, 40 lks. wide, from NE.

52.20

Old road, brs. ENE. & WSW.

55.00

Leave wash, runs SW.

80.02

To cor. of secs. 25, 26, 35 & 36, **hereinafter described**

Land, heavily rolling.

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

Mesquite, sage brush, cacti, fair grass, no timber.

## Chains.

	N. 0° 1' W., bet. secs. 25 & 26. Over broken, rolling land.
15.50	Enter draw, course SW.
20.50	Leave draw,
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
40.80	Road, brs. NW. & SE.
56.42	Wash, 20 lks. wide, course W.
63.50	Wash, 20 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. 23, 24, 25 & 26, marked on brass cap, T 23 S R 31 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, dry. Sage, brush, mesquite, cacti, good grass. From the above cor., house of A. W. Dutton brs. S. 81 $\frac{1}{2}$ ° W.
	N. 89° 58' E., on a random line, bet. secs. 24 & 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect E. bdy. of Tp. 5 lks. N. of cor. of secs. 19, 24, 25 & 30, recently estab. by me & described in Book D, whence I run, West, on a true line, bet. secs. 24 & 25. Over gently rolling land.
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 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.
58.40	Wash, 40 lks. wide, course NW.
72.00	Wash, 50 lks. wide, course NW.
80.02	To cor. of secs. 23, 24, 25 & 26. <b>hereinbefore described</b> Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, scattering mesquite, cacti, good grass.
	N. 0° 1' W., bet. secs. 23 & 24, Over rolling land.
5.30	Wash, 40 lks. wide, in draw 6 chs. wide, course WSW, asc.
11.30	Wash, 30 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 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.
65.00	Wash, 20 lks. wide, course SW.
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 23 S R 31 E, in N. half, S 14 in NW., S 13 in NE., S 24 in SE., and S 23 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, cacti, good grass. At this cor. at noon, I set off 22° 23' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31° 24 $\frac{1}{2}$ ' N., which is within 1' of the calculated lat.

Chains.

40.00 East, on a random line, bet. secs. 13 & 24.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect East bdy. of Tp. 2 $\frac{1}{2}$  lks. S. of cor. of  
secs. 13, 18, 19 & 24, recently estab. by me & described in Book D whence I run,  
S. 89°59' W., on a true line, bet. secs. 13 & 24.  
Over rolling land.

21.40 Road, brs. SE. & NW.

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 13 in N., and S 24 in S. half;  
raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.

80.04 To cor. of secs. 13, 14, 23 & 24, hereinbefore described  
Soil, 3rd rate, gravelly, dry. Land, rolling.  
Sage brush, greasewood, cacti, good grass.

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N. 0° 1' W., bet. secs. 13 & 14.  
Over rolling land .

15.00 Road, brs. NE. & 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 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 23 S R 31 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.  
Mesquite, sage brush, greasewood, cacti, good grass.

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N. 89°59' E., on a random line, bet. secs. 12 & 13.

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

80.00 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°59' W., on a true line, bet. secs. 12 & 13.  
Over rolling land.

6.20 Wash, 15 lks. wide, course SW.

37.90 Road, brs. NNW. & SSE.

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

80.00 To cor. of secs. 11, 12, 13 & 14, hereinbefore described  
Land, gently rolling.  
Soil, 3rd rate, sandy, loose, gravelly, dry.  
Sage brush, mesquite, cacti, good grass.

Dec. 5, 1912.

Chains.	
	Dec. 10, 1912. <span style="float: right;">(hereinbefore described</span> At 8h a.m., l.m.t., at the cor. of secs. 11, 12, 13 & 14; I set off, 22°53' S. on the decl. arc, and 31°26' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' W., bet. secs. 11 & 12. Over gently rolling land.
1.65	Road, brs. E. & W.
7.40	Cottonwood creek (dry), 4 chs" wide, course SW.
13.30	Road, brs. SW. & NE.
26.15	Old road, brs. E. & W.
27.30	Old road, brs. SSW. & NNE.
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; 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. 1, 2, 11 & 12, marked on brass cap, T 23 S R 31 E, in N. half, S 2 in NW., S 1 in NE., S 12 in SE., and S 11 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. Scattering sage brush, cacti, good grass.
	S. 89°59' E., on a random line, bet. secs. 1 & 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect E. bdy. of Tp. 2 lks. N. of cor. of secs. 1, 6, 7 & 12, recently estab. by me & described in Book D, whence I run, N. 89°58' W., on a true line, bet. secs. 1 & 12. Over rolling land, asc. spur from hill.
10.00	Top of spur, brs. SW. & NE., 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 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.
48.10	Road, brs. NNW. & SSE.
80.02	To cor. of secs. 1, 2, 11 & 12, hereinbefore described Land, rolling. Soil, 3rd rate, gravelly, stony. Sage brush, cacti, fine grass.
	N. 0° 1' W., bet. secs. 1 & 2, on a random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect North bdy. of Tp. at cor. of secs. 1, 2, 35 & 36, recently estab. by me & described in Book D, whence I run, S. 0° 1' E., on a true line, bet. secs. 1 & 2. Over rolling, broken land.
2.99	Wash, 8 lks. wide, course SE., asc.
8.00	Spur, brs. SW. & NE., desc.
26.65	Wash, 20 lks. wide, course WSW.
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 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.
61.41	Road, brs. NW. & SE.
79.98	To cor. of secs. 1, 2, 11 & 12, hereinbefore described Land, rolling. Soil, 3rd rate, gravelly, stony. Sage brush, mesquite, greasewood, cacti, good grass. At this cor. at noon, the sky is overcast. Impracticable to observe the latitude.

Chains.	
	Dec. 9, 1912.
	At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35, on the South bdy. of the Tp., recently estab. by me & described in Book "D"
	I set off $22^{\circ}47\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}22\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run,
	N. $0^{\circ}1'$ W., bet. secs. 34 & 35.
	Over rolling land.
3.00	Enter draw, course W.
3.30	Road, brs. E. & W., main road to Douglas from E.
8.00	Leave draw, course W., asc. grad.
12.83	Road, brs. SE. & W., in turn.
27.38	Head of wash, 10 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 34 in W., and S 35 in E. half; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
43.22	Road, brs. ESE. & WNW.
45.00	Wash, 25 lks. wide, course W.
49.30	Road, brs. SE. & NW.
55.00	W. point of small hill, 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. 26, 27, 34 & 35, marked on brass cap, T 23 S R 31 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, broken. Soil, 3rd rate, gravelly, dry. Mesquite, greasewood, sage brush, cacti, good grass.
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	N. $89^{\circ}58'$ E., on a random line, bet. secs. 26 & 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line 4 lks. N. of cor. of secs. 25, 26, 35 & 36, <del>hereinbefore described</del> whence I run, West, on a true line, bet. secs. 26 & 35. Over broken, rolling land, through dense greasewood.
10.00	Enter draw, course WSW.
16.35	Wash, 30 lks. wide, course WSW.
17.00	Leave draw, asc. grad.
25.00	Top of rise, brs. NE. & SW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 6 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 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.
47.40	Head of wash, course S.
70.00	Enter draw, course SW.
80.00	To cor. of secs. 26, 27, 34 & 35, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly, stony, dry. Greasewood, sage brush, mesquite, good grass.
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	At the above described cor. at noon, I set off $22^{\circ}50'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}23\frac{1}{2}'$ N.

Chains.	N. 0° 1' W., bet. secs. 26 & 27. Over rolling land.
10.00	Middle of draw 8 chs. wide, course SW.
14.00	Leave draw,
28.33	Head of wash, 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 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.
47.00	Head of wash, course SE.
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 23 S R 31 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, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, stony, gravelly, d Mesquite, greasewood, sage brush, cacti, fair grass.
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	East, on a random line, bet. secs. 23 & 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 23, 24, 25 & 26, <del>hereinbefore described</del> whence I run, S. 89°58' W., on a true line, bet. secs. 23 & 26.
6.52	Fence, brs. NNW. & SSE., wire.
17.39	Wire fence, brs. SW. & NE., enter bottom land.
20.00	Wash, 30 lks. wide, in draw, course SW. Dim road in same.
23.00	Wash, 15 lks. wide, course S.
39.50	Leave draw, 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 23 in N., and S 26 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. House of A. V. Dutton, brs. S. 10°45' E. House of Mrs. Susan Keen brs. S. 69°25' E., about 30 chs.
80.02	To cor. of secs. 22, 23, 26 & 27, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly, sandy, loamy. Mesquite, greasewood, sage brush, cacti, good grass.
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	N. 0° 1' W., bet. secs. 22 & 23. Over rolling land.
5.33	Road, brs. ESE. & 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 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. As cor. of secs. 14, 15, 22 & 23 will fall in wash, at
79.50	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for witness cor. to cor. of secs. 14, 15, 22 & 23, marked on brass cap, W C E. of centre, T 23 S R 31 E, in N. half, S 15 in NW., S 14 in NE., S 23 in SE., and S 22 in SW. quad.;
80.00	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. To cor. point of secs. 14, 15, 22 & 23, in wash 40 lks. wide, course WSW. Land, rolling. Soil, 3rd rate, gravelly, dry, loose. Greasewood, sage brush, cacti, good grass.



Chains.	
	From the cor. point of secs. 14,15,22 & 23, , I run
40.00	N. 89°58' E., on a random line, bet. secs. 14 & 23.
	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 5 lks. N. of cor. of
	secs. 13,14,23 & 24, <b>hereinbefore described</b> whence I run,
	West, on a true line, bet. secs. 14 & 23.
	Over rolling land.
16.40	Road, brs. NE. & SW.
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 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.
67.70	Road, brs. ENE. & WSW.
80.06	To cor. point of secs. 14,15,22 & 23, <b>hereinbefore described</b>
	Land, rolling. Soil, 3rd rate, gravelly, dry, stony.
	Greasewood, sage brush, cacti, fair grass.
	Dec. 9, 1912.
	Dec. 10, 1912.
	N. 0° 1' W., bet. secs. 14 & 15. , from cor. point, of
	secs. 14,15, 22 & 23, in wash.
.40	Leave wash, 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 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.
65.55	Road, brs. NE. & SW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
	the ground for cor. of secs. 10,11,14 & 15, marked on
	brass cap, T 23 S R 31 E, in N. half,
	S 10 in NW.,
	S 11 in NE.,
	S 14 in SE., and
	S 15 in SW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, rolling.
	Soil, 3rd rate, gravelly, dry, loose, loamy.
	Sage brush, cacti, good grass.
	East, on a random line, bet. secs. 11 & 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of
	secs. 11,12,13 & 14, <b>hereinbefore described</b> whence I run,
	S. 89°58' W., on a true line, bet. secs. 11 & 14.
	Over rolling land.
9.85	Road, brs. NE. & SW.
11.50	Road, brs. ENE. & WSW.
20.00	Cottonwood Creek, (dry) 5 chs. wide, course SSW., in turn
	from ENE.
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 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.
80.02	To cor. of secs. 10,11,14 & 15, <b>hereinbefore described</b>
	Land, rolling.
	Soil, 3rd rate, gravelly, dry.
	Sage brush, mesquite, cacti, greasewood, good grass.

Chains.	N. 0° 1' W., bet. secs. 10 & 11. Over gently undulating plain.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 10 in W., and S 11 in E. half;
80.00	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. 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 23 S R 31 E., in N. half, S 3 in NW., S 2 in NE., S 11 in SE., and S 10 in NW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling gently. Soil, 3rd rate, sandy, loamy, gravelly. Sparse sage brush, cacti, good grass.
40.00	N. 89° 58' E., on a random line, bet. secs. 2 & 11. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line at cor. of secs. 1, 2, 11 & 12, <b>hereinbefore described</b> whence I run, S. 89° 58' W., on a true line, bet. secs. 2 & 11. Over gently rolling plain.
40.02	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 2 in N., and S 11 in S. half;
80.04	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 2, 3, 10 & 11, <b>hereinbefore described</b> Land, gently rolling, level. Soil, 2nd & 3rd rate, sandy, loamy, gravelly, dry. Sparse sage brush, cacti, fine grass.
	The cor. of secs. 2, 3, 34 & 35 on the N. bdy. of Tp. being plainly visible, I run for it,
40.00	N. 0° 1' W., on a random line, bet. secs. 2 & 3. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. bdy. of Tp. at cor. of secs. 2, 3, 34 & 35, recently established by me & described in Book D, whence I run, S. 0° 1' E., on a true line, bet. secs. 2 & 3. Over gently rolling land.
24.40	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 3 in W., and S 2 in E. half;
56.20	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Road, brs. NE. & SW. turns to WNW. at 15 chs. SE.
80.00	To cor. of secs. 2, 3, 10 & 11, <b>hereinbefore described</b> Land, rolling. Soil, 3rd rate, gravelly, dry, loose. Sparse sage brush, cacti, fine grass.

Dec. 10, 1912.

Chains • Dec. 11, 1912.  
 At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,  
 on the South Bdy. of the Tp., recently estab. by me & described in Book D  
 I set off 22°58' S. on the decl. arc, and 31°22½' N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N. 0° 2' W., bet. secs. 33 & 34.  
 Over rolling land.  
 8.20 Road, brs. ENE. & WSW.  
 16.70 Wash, 10 lks. wide, course WSW.  
 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 33 in W., and  
 S 34 in E. half;  
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
 43.22 Wash, 30 lks. wide, course SW.  
 48.80 Wash, 150 lks. wide, course SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 27, 28, 33 & 34, marked on  
 brass cap, T 23 S R 31 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, 1½ ft. high W. of cor.  
 Land, rolling. Soil, 3rd rate, gravelly, dry.  
 Mesquite, greasewood, sage brush, cacti, fair grass.

40.00 N. 89°58' E., on a random line, bet. secs. 27 & 34.  
 Set temp. ¼ sec. cor.,  
 79.96 Intersect N. & S. line 2 lks. N. of cor. of secs. 26, 27, 34 & 35,  
~~hereinbefore described~~ whence I run,  
 S. 89°59' W., on a true line, bet. secs. 27 & 34.  
 Over rolling land.  
 22.60 Wash, 30 lks. wide, course N.  
 24.26 Wash, 10 lks. wide, course WSW.  
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for ¼ sec. cor., marked on brass cap,  
 ¼ S 27 in N., and  
 S 34 in S. half;  
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.  
 79.96 To cor. of secs. 27, 28, 33 & 34, ~~hereinbefore described~~  
 Land, rolling. Soil, 3rd rate, gravelly, dry.  
 Sage brush, mesquite, greasewood, fair grass.

N. 0° 2' W., , bet. secs. 27 & 28.  
 Over rolling land.  
 8.22 Wash, 15 lks. wide, course SW.  
 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 28 in W., and  
 S 27 in E. half;  
 raise a mound of stone 2 ft. base, 1½ 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 23 S R 31 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, 1½ ft. high W. of cor.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Sage brush, cacti, mesquite, fair grass.

Chains.	N. $89^{\circ}59'$ E., on a random line, bet. secs. 22 & 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of secs. 22, 23, 26 & 27, <del>hereinbefore described</del> whence I run, West, on a true line, bet. secs. 22 & 27. Over rolling land.
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 22 in N., and S 27 in S. half;
79.92	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 21, 22, 27 & 28, <del>hereinbefore described</del> Land, gently rolling, level. Soil, 3rd rate, gravelly, stony, dry. Sage brush, mesquite, cacti, good grass. At this cor. at noon, I set off $23^{\circ}01'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}24\frac{1}{2}'$ N.
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	N. $0^{\circ} 2'$ W., bet. secs. 21 & 22. Over gently undulating land.
3.00	Road, brs. NE. & SW.
12.80	Cottonwood Creek (dry), 50 lks. wide, course SW.
39.92	Road, brs. NNW. & ESE., in turn.
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;
80.00	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 15, 16, 21 & 22, marked on brass cap, T 23 S R 31 E, in N. half, S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, gently undulating, level. Soil, sandy, clayey, moist, loamy. Sparse undergrowth, fine grass.
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	East, on a random line, bet. secs. 15 & 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. & S. line 5 lks. N. of cor. pt. of secs. 14, 15, 22 & 23, whence I run, from cor. point, N. $89^{\circ}58'$ W., on a true line, bet. secs. 15 & 22. Over gently rolling land, asc. from wash.
4.00	Top of rise, brs. NE. & SW., thence over grassy flat.
39.99	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 15 in N., and S 22 in S. half;
79.98	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 15, 16, 21 & 22, <del>hereinbefore described</del> Land, gently rolling. Soil, 3rd rate, gravelly, stony, dry. Sparse mesquite, sage brush, cacti, fine grass.

Chains.	N. 0° 2' W., bet. secs. 15 & 16. Over gently rolling land, grassy flat. Road, brs. SW. & NE.
29.00	
49.00	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.
63.00	Wash, 20 lks" wide, course W. Thence over lava stones, good grass.
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 23 S R 31 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, level, gently rolling. Soil, 3rd rate, gravelly, sandy, stony, dry. Sparse sage brush, cacti, fine grass.
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40.00	S. 89°58' E., on a randomline, bet. secs. 10 & 15. Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. & S. line 5 lks. S. of cor. of secs. 10, 11, 14 & 15, <del>hereinbefore described</del> whence I run, West, on a true line, bet. secs. 10 & 15. Over flat, through mesquite brush.
39.95	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
79.90	To cor. of secs. 9, 10, 15 & 16, <del>hereinbefore described</del> Land, level, gently rolling. Soil, 3rd rate, gravelly, dry Mesquite brush, cacti, good grass.

Dec. 11, 1912.

Chains.	Dec. 13, 1912. <span style="float: right;">hereinbefore described</span> At 8h a.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16, I set off $23^{\circ}07'S$ . on the decl. arc, and $31^{\circ}26'N$ . on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}2'W$ ., bet. secs. 9 & 10. Over rolling land.
10.00	Asc. hill.
40.00	Top of hill, brs. E. & W. Set an iron post 3 ft. 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.
42.00	Desc. NNE. slope of hill.
67.00	Foot of hill, brs. NW. & SE., desc. grad.
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 23 S R 31 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, stony. Sage brush, cacti, good grass.
40.00	East, on a random line, bet. secs. 3 & 10. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. & S. line 5 lks. S. of cor. of secs. 2, 3, 10 & 11, hereinbefore described whence I run, S. $89^{\circ}58'W$ ., on a true line, bet. secs. 3 & 10. Over gently undulating land.
16.20	Wash, 20 lks. wide, course 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 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.
79.94	To cor. of secs. 3, 4, 9 & 10, hereinbefore described Land, rolling. Soil, 3rd rate, gravelly, stony, dry. Sage brush, cacti, good grass.
40.00	N. $0^{\circ}2'W$ ., on a random line, bet. secs. 3 & 4. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. bdy. of Tp. $2\frac{1}{2}$ lks. E. of cor. of secs. 3, 4, 33 & 34, recently estab. by me & described in Book D, whence I run, S. $0^{\circ}3'E$ ., on a true line, bet. secs. 3 & 4. Over level land.
3.02	Road, brs. NW. & 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 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.
41.00	Desc. grad.
80.02	To cor. of secs. 3, 4, 9 & 10, hereinbefore described Land, rolling. Soil, 3rd rate, gravelly, dry, loamy. Sparse sage brush, cacti, good grass. At this cor. at noon, I set off $23^{\circ}09\frac{1}{2}'S$ . on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}27'N$ .

Chains	
	Dec. 12, 1912. At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33, on the South Bdy. of the Tp., recently estab. by me & described in Book D I set off 23°3' S. on the decl. arc, and 31°22½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 2' W., bet. secs. 32 & 33. Over rolling land.
17.80	Wash, 30 lks. wide, course SW.
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 32 in W., and S 33 in E. half; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
67.00	Wash, 30 lks. wide, course WSW.
79.10	Wire fence, brs. S. 35°9' W. & N. 35°9' E.
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 23 S R 31 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, 1½ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly. Sage brush, mesquite, greasewood, cacti, fair grass.
40.00	N. 89°58' E., on a random line, bet. secs. 28 & 33. Set temp. ¼ sec. cor.
79.96	Intersect N. & S. line at the cor. of secs. 27, 28, 33 & 34, <del>hereinbefore described</del> whence I run, S. 89°58' W., on a true line, bet. secs. 28 & 33. Over heavily rolling land.
6.58	Wash, 25 lks. wide, course SW.
21.98	Head of wash, course S.
34.28	Head of wash, course S.
39.98	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 28 in N., and S 33 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
78.58	Wire fence, brs. S. 35°9' W. & N. 22°W., in turn.
79.96	To cor. of secs. 28, 29, 32 & 33, <del>hereinbefore described</del> Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite, greasewood, sage brush, cacti, good grass.
3.30	N. 0° 2' W., bet. secs. 28 & 29. Over rolling land.
29.30	Wire fence, brs. N. 24°W. & S. 24°E.
36.74	Road, brs. NE. & SW.
39.65	SE. rim of Cottonwood creek canyon, brs. ENE. & WSW. desc.
40.00	Cottonwood creek, (dry), course SW., 30 lks. wide, asc. 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 29 in W. and S 28 in E. half; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
53.00	NW. rim of canyon, brs. ENE. & WSW., thence on mesa.
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 23 S R 31 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, 1½ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, stony. Sage brush, cacti, good grass.

Chains.	N. 89°58' E., on a random line, bet. secs. 21 & 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. & S. line 7 lks. N. of cor. of secs. 21, 22, 27 & 28, <b>hereinbefore described</b> whence I run, N. 89°59' W., on a true line, bet. secs. 21 & 28. Over rolling land.
2.30	Road, brs. NW. & SW.
9.20	Desc.
26.20	Cottonwood creek (dry), 40 lks. wide, course WSW., asc.
39.96	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 21 in N., and S 28 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
47.00	Top of rim of creek canyon, brs. WSW. & ENE.
79.92	To cor. of secs. 20, 21, 28 & 29, <b>hereinbefore described</b> Land, rolling. Soil, 3rd rate, stony, gravelly, dry. At this cor., at noon, I set off 23°5' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31°24 $\frac{1}{2}$ ' N.
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	N. 0° 2' W., bet. secs. 20 & 21. Over rolling land,
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
57.00	Road, brs. E. & W.
73.60	Road, brs. ENE. & WSW.
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 23 S R 31 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, stony. Sage brush, cacti, good grass.
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	S. 89°59' E., on a random line, bet. secs. 16 & 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. & S. line 5 lks. S. of cor. of secs. 15, 16, 21 & 22, <b>hereinbefore described</b> whence I run, S. 89°59' W., on a true line, bet. secs. 16 & 21. Over level land, covered in places with lava stones.
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 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.
66.00	Road, brs. NE. & SW.
79.96	To cor. of secs. 16, 17, 20 & 21, <b>hereinbefore described</b> Land, rolling, level. Soil, 3rd rate, gravelly, stony. Sage brush, cacti, good grass.



Chains.	N. 0° 2' W., bet. secs. 16 & 17. Over rolling land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
73.40	Wash, 10 lks. wide, course SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T 23 S R 31 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. Soil, 3rd rate, gravelly, dry. Sage brush, few cacti, good grass.
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40.00	N. 89° 59' E., on a random line, bet. secs. 9 & 16. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of secs. 9, 10, 15 & 16, <del>hereinbefore described</del> whence I run, West, on a true line, bet. secs. 9 & 16. Over rolling land.
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 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.
79.98	To cor. of secs. 8, 9, 16 & 17, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly, stony. Sparse sage brush, cacti, fine grass.

Dec. 12, 1912.

Chains.	
	Dec. 13, 1912. <span style="float: right;">hereinbefore described</span> At 1h p.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17, I set off $23^{\circ} 9\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ} 26'$ 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 rolling land.
40.00	Set an iron post $\frac{3}{4}$ ft. 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;
80.00	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8 & 9, marked on brass cap, T 23 S R 31 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. Soil, 3rd rate, gravelly. Sage brush, cacti, fine grass.
	East, on a random line, bet. secs. 4 & 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. N. of cor. of secs. 3, 4, 9 & 10, hereinbefore described whence I run, N. $89^{\circ} 58'$ W., on a true line, bet. secs. 4 & 9. Over gently rolling land.
40.01	Set an iron post $\frac{3}{4}$ ft. 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;
80.02	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 4, 5, 8 & 9, hereinbefore described Land, gently rolling. Soil, 3rd rate, gravelly, loose. Sage brush, cacti, good grass.
	N. $0^{\circ} 3'$ W., on a random line, bet. secs. 4 & 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. bdy. of Tp. 2 lks. W. of cor. of secs. 4, 5, 32 & 33, recently estab. by me & described in Book D, whence I run, S. $0^{\circ} 2'$ E., on a true line, bet. secs. 4 & 5. Over gently rolling land.
6.40	Wash, 10 lks. wide, course S.W
34.70	Wash, 10 lks. wide, course SSW.
39.98	Set an iron post $\frac{3}{4}$ ft. 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;
79.98	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. To cor. of secs. 4, 5, 8 & 9, hereinbefore described Land, rolling. Soil, 3rd rate, gravelly, covered with loose stones, in places. Sage brush, few cacti, good grass.
	Dec. 13, 1912.

Chains.	Dec. 14, 1912. At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, on the S. bdy. of the Tp., recently estab. by me & described in Book D, I set off 23°11' S. on the decl. arc, and 31°22½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 3' W., bet. secs. 31 & 32. Over rolling land, through mesquite brush and greasewood.
20.52	Wash, 35 lks wide, course W.
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 31 in W., and S 32 in E. half; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
50.00	Enter draw, course SW.
52.80	Cottonwood Creek (dry) 50 lks. wide, course SW.,
62.26	Wire fence, brs. NW. & SE.
69.06	Wire fence, brs. ENE. & WSW.
69.26	Road, brs. ENE. & WSW.
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 23 S R 31 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, 1½ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, greasewood, cacti, good grass.
	N. 89°58' E. on a random line, bet. secs. 29 & 32.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. & S. line 3 lks. S. of cor. of secs. 28, 29, 32 & 33, <del>hereinbefore described</del> whence I run, S. 89°57' W., on a true line, bet. secs. 29 & 32. Over rolling land, desc.
36.00	Cottonwood creek (dry) 60 lks. wide, course SW.
40.02	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 29 in N., and S 32 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
55.90	Wire fence, brs. NE. & SW.
56.40	Road, brs. NE. & SW.
80.04	To cor. of secs. 29, 30, 31 & 32, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, sage brush, cacti, good grass.
	S. 89°58' W., on a random line, bet. secs. 30 & 31.
40.00	Set temp. ¼ sec. cor.
81.37	Intersect W. bdy. of Tp. 3 lks. N. of cor. of secs. 25, 30, 31 & 36, recently estab. by me, & described in Book D, whence I run, N. 89°57' E., on a true line, bet. secs. 30 & 31. Over gently rolling land.
41.37	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 30 in N., and S 31 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
81.37	To cor. of secs. 29, 30, 31 & 32, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, sage brush, greasewood, cacti, good grass.

Chains.	N. $0^{\circ} 3'$ W., bet. secs. 29 & 30. Over rolling land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in W., and S 29 in E. half;
80.00	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T 23 S R 31 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. Soil, 3rd rate, gravelly, stony, dry. Sage brush, greasewood, cacti, good grass.
40.00	N. $89^{\circ} 57'$ E., on a random line, bet. secs. 20 & 29 . Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 2 lks. N. of cor. of secs. 20, 21, 28 & 29, <del>hereinbefore described</del> whence I run, S. $89^{\circ} 58'$ W., on a true line, bet. secs. 20 & 29. Over rolling land.
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 20 in N., and S 29 in S. half;
80.06	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 19, 20, 29 & 30, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly. Sage brush, cacti, good grass. At this cor., at noon, I set off $23^{\circ} 13'$ S. on the decl. arc, and observe the sun in the meridian. The resulting lat. is $31^{\circ} 24\frac{1}{2}'$ N.
40.00	S. $89^{\circ} 57'$ W., on a random line, bet. secs. 19 & 30. Set temp. $\frac{1}{4}$ sec. cor.
81.32	Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 19, 24, 25 & 30, recently estab. by me, & described in Book D, whence I run, N. $89^{\circ} 59'$ E., on a true line, bet. secs. 19 & 30. Over rolling land.
41.32	Set an iron post 3 ft. 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;
81.32	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 19, 20, 29 & 30, <del>hereinbefore described</del> . Land, rolling. Soil, 3rd rate, gravelly, dry. Sparse sage brush, cacti, fine native grass.

Chains.

N. 0° 3' W., bet. secs. 19 & 20.  
 Over gently rolling land.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 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.  
 59.00 Dim road, brs. WNW. & ESE.  
 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 23 S R 31 E, in N. half,  
 S 18 in NW.,  
 S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, sandy, loose.  
 Sparse sage brush, cacti, fine grass.

N. 89°58' E., on a random line, bet. secs. 17 & 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. & S. line 5 lks. N. of cor. of  
 secs. 16, 17, 20 & 21, ~~hereinbefore described~~ whence I run,  
 West, on a true line, bet. secs. 17 & 20.  
 Over gently rolling land.  
 40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 $\frac{1}{4}$  S 17 in N., and  
 S 20 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 80.08 To cor. of secs. 17, 18, 19 & 20, ~~hereinbefore described~~  
 Land, rolling.  
 Soil, 3rd rate, sandy, gravelly, loose.  
 Sparse sage brush, cacti, fine grass.

Dec. 14, 1912.

Dec. 15, 1912.  
 At 8h a.m., l.m.t., at the cor. of secs. 17, 18, 19 & 20,  
 I set off 23°14' S. on the decl. arc, and 31°25' N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 S. 89°59' W., on a random line, bet. secs. 18 & 19.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 81.26 Intersect West bdy. of Tp. 5 lks. S. of cor. of  
 secs. 13, 18, 19 & 24, ~~recently estab. by me & described in Book D~~ whence I run,  
 S. 89°59' E., on a true line, bet. secs. 18 & 19.  
 Over gently rolling land.  
 22.76 Wash, 80 lks. wide, course SSE.  
 41.26 Set an iron post 3 ft. 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.  
 A new well brs. N. 17°10' E., about 15 chs. dist.  
 44.60 Road, brs. N. & S.  
 60.26 Dim road, brs. SE. & NW.  
 81.26 To cor. of secs. 17, 18, 19 & 20, ~~hereinbefore described~~  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Sage brush, mesquite, cacti, good grass.

Chains.	N. $0^{\circ} 3'$ W., bet. secs. 17 & 18. Over nearly level land, covered with volcanic tufa.
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.
58.40	Gulch, 30 lks. wide, course W.
71.50	Wash, 40 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. 7, 8, 17 & 18, marked on brass cap, T 23 S R 31 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, level. Soil, 3rd rate, gravelly, stony, dry. Sage brush, cacti, good grass.
40.00	East, on a random line, bet. secs. 8 & 17. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 5 lks. S. of cor. of secs. 8, 9, 16 & 17, <del>hereinbefore described</del> whence I run, S. $89^{\circ}58'$ W., on a true line, bet. secs. 8 & 17. Over rolling land.
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.
80.06	To cor. of secs. 7, 8, 17 & 18, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly. Sage brush, cacti, good grass.
40.00	N. $89^{\circ}59'$ W., on a random line, bet. secs. 7 & 18. Set temp. $\frac{1}{4}$ sec. cor.
81.16	Intersect West bdy. of Tp. at cor. of secs. 7, 12, 13 & 18, recently established by me & described in Book D, whence I run, S. $89^{\circ}59'$ E., on a true line, bet. secs. 7 & 18. Over gently rolling land.
41.16	Set an iron post 3 ft. 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. Desc. grad. from cor.
67.16	Wash, 60 lks. wide, course SW., asc. grad.
81.16	To cor. of secs. 7, 8, 17 & 18, <del>hereinbefore described</del> Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, good grass. At this cor., at noon, I set off $23^{\circ}16'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}26'$ N.

Subdivision of T. 23 S., R. 31 E.

Chains.	N. 0° 3' W., bet. secs. 7 & 8. Over rolling land, desc.
15.75	Wash, 50 lks. wide, course SW., 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.
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 23 S R 31 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, gravelly, stony. Soil, 3rd rate, gravelly, stony, dry. Sage brush, cacti, good grass.
40.00	N. 89° 58' E., on a random line, bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line at cor. of secs. 4, 5, 8 & 9, <b>hereinbefore described</b> whence I run, S. 89° 58' W., on a true line, bet. secs. 5 & 8. Over rolling land.
6.40	Wash, 30 lks. wide, course S., asc.
20.00	Top of small mesa, brs. NNE. & SSW.
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 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.
68.00	Desc.
77.90	Wash, 90 lks. wide, course S., asc.
80.02	To cor. of secs. 5, 6, 7 & 8, <b>hereinbefore described</b> Land, rolling. Soil, 3rd rate, gravelly, dry, stony. Sage brush, cacti, few mesquites, fine grass.
40.00	N. 89° 59' W., on a random line, bet. secs. 6 & 7. Set temp. $\frac{1}{4}$ sec. cor.
81.00	Intersect West bdy. of Tp. 2 lks. S. of cor. of secs. 1, 6, 7 & 12, <b>recently estab. by me &amp; described in Book D</b> , whence I run, S. 89° 58' E., on a true line, bet. secs. 6 & 7. Over rolling land.
41.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in N., and S 7 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
69.00	Desc. grad.
81.00	To cor. of secs. 5, 6, 7 & 8, <b>hereinbefore described</b> Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, good grass.

Chains.	N. 0° 3' W., on a random line, bet. secs. 5 & 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect North bdy. of Tp. at cor. of secs. 5, 6, 31 & 32, recently estab. by me & described in Book D, whence I run, S. 0° 3' E., on a true line, bet. secs. 5 & 6. Over rolling land, desc. grad.
11.60	Wash, 80 lks. wide, course SSE., asc. grad.
40.02	Top of rise, brs. E. & W., Set an iron post 3 ft. 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.
44.00	Desc. grad.
49.90	Wash, 80 lks. wide, course SW., asc. grad.
62.00	On W. side of hill, brs. WNW. & ESE., desc.
73.60	Wash, 80 lks. wide, course SSE., asc. grad.
80.02	To cor. of secs. 5, 6, 7 & 8, hereinbefore described Land, rolling, hilly. Soil, 3rd rate, gravelly, dry, stony. Sage brush, cacti, good grass.

General Description.

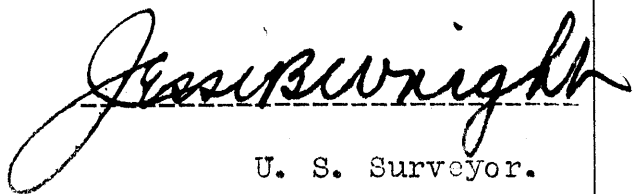
T. 23 S., R. 31 E. lies in a rolling or level valley,  
draining to the South and southwest.

Much of the smooth level land in the large draws is  
suitable for dry farming or irrigation. Most of the  
land is covered with a fine growth of native grass.

There is no water in the Tp.

A. V. Dutton and Mrs. Susan Keen have located on land  
in sec. 26, and J. Howard in sec. 29, but have  
few improvements to date, settlement having been made  
recently.

Dec. 15, 1912.

  
U. S. Surveyor.



**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 \_\_\_\_\_

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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.

100  
23  
BOOK 2483

For FINAL OATH OF UNITED STATES SURVEYOR.

See Book "C"

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

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., Jan. 26, 1914

The foregoing field notes of the survey of \_\_\_\_\_  
Subdivision lines of Township 23 South, Range 31 East, of the  
Gila and Salt River Base and Meridian, Arizona,

executed by Jesse B. Wright, U. S. Surveyor,  
under his special instructions dated October 6, \_\_\_\_\_, 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. Dyack  
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.~~