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SEP 30 1914

Book "G" BOOK 2797  
Subdivisions  
FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines of Tp. 1 S. Rg. 7 W.

2797

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse

In the capacity of U. S. Surveyor, under instructions dated October 21, 1913,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 32, which were approved by the Commissioner of the General Land  
Office, November 21, 1913, pursuant to authority contained in the Act of  
Congress dated June 23, 1913.

Survey commenced February 22, 1914

Survey completed March 22, 1914

# Book "G"

BOOK 2797

## INDEX DIAGRAM.

Township 1 South, Range 7 West

Gila & Salt River Base Line										
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- Notes in Book "A", this Group
- " " " "B" " "
- " " " "C" " "
- Unsurveyed

Subdivision of Tp. 1 S. Rg. 7 W.

Canins.

Survey commenced February 22, 1914, and executed by John F. Hesse, U.S. Surveyor, under instructions for Group 32 Arizona, using a Young and Sons light mountain transit No. 8588, described in book "A." I examine the adjustments of the transit and find them correct, then to test the solar apparatus by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows: At my camp near the std. cor. of T. 1 N., R. 6 & 7 W., lat.  $33^{\circ}22'33''$  N., long.  $112^{\circ}55'44''$  W. on the Gila and Salt River Base line, established by Jesse B. Wright, U.S. Surveyor, as described in book "C." I set off  $33^{\circ}22\frac{1}{2}'$  N. on the lat. arc;  $10^{\circ}08'$  S. on the decl. arc; and, at 5h. 00m. p.m., l.m.t. determine with the solar meridian and mark a point there of, on a stone firmly set in the ground, 5 chs. N. of my station.

At 9h. 17m. p.m. by my watch which has correct l.m.t., I observe Polaris at western elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

February 22, 1914.

Feb. 23, 1914: At 6h. 30m. a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ}23'$  to the east, and mark the meridian thus determined, by cutting a small groove in the stone set February 22, on which the meridian coincides with the mark determined by the solar.

At 7h. 00m. a.m., l.m.t., I set off  $33^{\circ}22\frac{1}{2}'$  N. on the lat. arc;  $9^{\circ}55'$  S. on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark coincides with the mark established by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for meridians which coincide with the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of Tp. 1 S. Rg. 7 W. at 9h. 00m. a.m., is N.  $14^{\circ}15'$  W.; the angle thus determined gives the mag. decl.  $14^{\circ}15'$  E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp. established by me, as described in Book "B."

I run

- N.  $0^{\circ}01'$  W. bet. secs. 35 and 36.  
Over rolling land through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S35 in W. S36 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.
- 44.00 Cross wash 100 lks. wide course N. E.
- 66.00 Cross road bears E. and W.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap
- T1SR7W in N. and 1914 in S. half;  
S26 in N. W.  
S25 in N. E.  
S36 in S. E. and  
S35 in S. W. quadrant; dig pits 18 x 18 x 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, nearly level.  
Soil, sandy loam mixed with rocks and gravel; 2nd. rate.  
No timber.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.	
	Undergrowth, greasewood, paloverde and mesquite.
	—————
	East on a random line bet. secs. 25 and 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "B."
	Thence I run
	West, on true line, bet. secs. 25 and 36.
	Over nearly level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S25 in N. and S36 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
64.81	Cross road bears N. and S.
74.70	Cross wash 100 lks. wide course N..W..
80.00	The cor. of secs. 25, 26, 35 and 36.
	Land, level.
	Soil, sandy loam, mixed with rocks and gravel; 2nd. rate.
	No timber.
	Undergrowth, mesquite, greasewood and paloverde.
	—————
	N. 0° 01' W. bet. secs. 25 and 26.
	Over nearly level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in W. S25 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
72.00	Cross road bears E. and W.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked on brass cap
	T1SR7W in N. and
	1914 in S. half;
	S23 in N. W.
	S24 in N. E.
	S25 in S. E. and
	S26 in S. W. quadrant; from which
	A mesquite 6 ins. diam., bears N. 19° W. 101 lks. dist., marked T1SR7WS23BT.
	A mesquite 12 ins. diam., bears N. 60° E. 249 lks. dist., marked T1SR7WS24BT.
	A mesquite 5 ins. diam., bears S. 71° E. 105 lks. dist., marked T1SR7WS25BT.
	A mesquite 4 ins. diam., bears S. 45° W. 128 lks. dist., marked T1SR7WS26BT.
	Land, level.
	Soil, sandy loam, dry, medium texture; 1st. rate.
	No timber.
	Undergrowth, greasewood, mesquite and paloverde.
<b>Note:</b>	February 23: At this cor. I set off 9° 54' S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 19' N.
	—————
	East on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect E. bdy. of Tp. 2 lks. S. of the cor. of secs. 19, 24, 25 and 30, estab. by me, as described in Book "B."
	Thence I run
	S. 89° 59' W. on a true line bet. secs. 24 and 25.
	Over level land, through dense brush.
25.00	Windmill bears North 15.50 chs. dist.
28.60	Cross wash 20 lks. wide course N.

## Subdivision of Tp. 1 S. Rg. 7 W.

## Chains.

31.00 Cross road bears N. E. and S. W.  
 37.00 Cross road bears N. E. and S. W.  
 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S24 in N. and S25 1914 in S. half; from which  
     A mesquite 8 ins. diam., bears N.  $3\frac{1}{2}^{\circ}$  W. 137 lks. dist., marked  $\frac{1}{4}$ S24BT.  
     A mesquite 10 ins. diam., bears S.  $17\frac{1}{2}^{\circ}$  E. 117 lks. dist., marked  $\frac{1}{4}$ S25BT.  
 80.02 The cor. of secs. 23, 24, 25 and 26.  
 Land, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, mesquite and catclaw.

N.  $0^{\circ} 01'$  W. bet. secs. 23 and 24.

Over level land, through dense brush.

13.35 Cross wash 60 lks. wide course E.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S23 in W. S24 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.  
 43.80 Cross road bears N. W. and S. E.  
 63.35 Cross road bears E. and W.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked on brass cap  
     T1SR7W in N. and 1914 in S. half;  
     S14 in N. W.  
     S13 in N. E.  
     S24 in S. E. and S23 in S. W. quadrant; dig pits 18 x 18 x 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, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.

N.  $89^{\circ} 59'$  E. on a random line bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect E. bdy. of Tp. 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, estab. by me, as described in Book "B."  
     Thence I run  
     N.  $89^{\circ} 59'$  W. on true line, bet. secs. 13 and 24.  
 Over level land, through dense brush.  
 39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S13 in N. and S24 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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 The cor. of secs. 13, 14, 23 and 24.  
 Land, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and cactus.

N.  $0^{\circ} 01'$  W. bet. secs. 13 and 14.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S14 in W. S13 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.

## Subdivision of Tp. 1 S. Rg. 7 W.

chains.	
80.00	<p>Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked on brass cap.</p> <p>T1SR7W in N. and 1914 in S. half;            S11 in N. W.            S12 in N. E.            S13 in S. E. and            S14 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.            Land, level.            Soil, sandy loam, dry, medium texture; 1st. rate. No timber.            Undergrowth, greasewood, mesquite &amp; cactus. Feb. 23, 1914.</p> <hr/> <p>Feb. 24, 1914: At 8h.a.m., 1.m.t., I set off 33°21' N. on lat. arc; 9°34½' S. on decl. arc, and determine a meridian with the solar at cor. of secs. 11, 12, 13 and 14.            Thence I run,            S. 89° 59' E. on a random line bet. secs. 12 and 13.</p>
40.00	Set temp. ¼ sec. cor.,
80.04	<p>Intersect E. bdy. of Tp. 2 lks. N. of the cor. of secs. 7, 12, 13 and 18, established by me, as described in Book "B."            Thence I run            N. 89° 58' W. on a true line, bet. secs. 12 and 13.            Over level land, through dense brush.</p>
40.02	<p>Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S12 in N. and S13 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.</p>
80.04	<p>The cor. of secs. 11, 12, 13 and 14.            Land, level.            Soil, sandy loam, dry, medium texture; 1st. rate.            No timber.            Undergrowth, greasewood and mesquite.</p>
40.00	<p>N. 0° 01' W. bet. secs. 11 and 12.            Over level land, through dense brush.            Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S11 in W. S12 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked on brass cap            T1SR7W in N. and 1914 in S. half;            S2 in N. W.            S1 in N. E.            S12 in S. E. and            S11 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.            Land, level.            Soil, sandy loam, dry, medium texture; 1st. rate.            No timber.            Undergrowth, Greasewood and mesquite.</p>
40.00	S. 89° 58' E. on a random line bet. secs. 1 and 12. Set temp. ¼ sec. cor.
80.02	<p>Intersect E. bdy. of Tp. at the cor. of secs. 1, 6, 7, and 12, established by me, as described in Book "B."            Thence I run            N. 89° 58' W. on a true line bet. secs. 1 and 12.            Over level land, through dense brush.</p>

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

- 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S1 in N. S $\frac{1}{2}$ d S12 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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 The cor. of secs. 1, 2, 11 and 12.  
Land, level.  
Soil, sandy loam mixed with rocks and gravel; 2nd. rate.  
No timber.  
Undergrowth, greasewood and mesquite.
- 
- N.  $0^{\circ} 01'$  W. on a true line, bet. secs. 1 and 2.  
Over level land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S2 in W. S1 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.
- 80.79 Intersect Gila and Salt River Base Line 2.90 chs. east of the standard cor. of secs. 35 and 36, T 1 N., R. 7 W. established by Jesse B. Wright, as described in Book "C." At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. secs. 1 & 2, mkd. on CC S. of center; (brass cap, T1NR7W S35 S36 in N., and 1914 in S. half; S1 in S. E. and S2 in S. W. quadrant; dig pits 24 x 18 x 12 ins. crosswise on each line, E. and W. 3 ft., and S. of post 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, S. of cor.  
Land, level.  
Soil, sandy and mixed with rocks and gravel; 3rd. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

Note: February 24: At this cor. I set off  $9^{\circ} 32'$  S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 22\frac{1}{2}'$  N.

February 24, 1914.

1914:

- March 14 At 8h. 00m. a.m., 11m.t., I set off  $33^{\circ} 17\frac{1}{2}'$  N. on the lat. arc;  $2^{\circ} 40'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp. established by me, as described in Book "B." Thence I run,  
N.  $0^{\circ} 01'$  W. bet. secs. 34 and 35.  
Over level land, through dense brush.
- 9.50 Cross road bears N. W. and S. E.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S34 in W. S35 in E. and 1914 in S. half; from which  
A paloverde 6 ins. diam., bears N.  $84\frac{1}{4}^{\circ}$  E. 110 lks. dist., marked  $\frac{1}{4}$ S35BT.  
A paloverde 8 ins. diam., bears S  $66^{\circ}$  W. 140 lks. dist., marked  $\frac{1}{4}$ S34BT.
- 61.58 Cross road bears E. and W.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, marked on brass cap  
T1SR7W in N. and 1914 in S. half;  
S27 in N. W.  
S26 in N. E.  
S35 in S. E. and S34 in S. W. quadrant; dig pits 18 x 18 x 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.

## Subdivision of Tp. 1 S. Rg. 7 W.

chains.	Land, level. Soil, sandy loam, mixed with rocks and gravel; 2nd. rate. No timber. Undergrowth, greasewood and paloverde.
40.00	East, on a random line bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 5 lks. S. of the cor. of secs. 25, 26, 35 and 36. Thence I run S. $89^{\circ} 58'$ W. on a true line bet. secs. 26 and 35. Over level land, through dense brush.
39.99	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in N. and S35 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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	The cor. of secs. 26, 27, 34 and 35. Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood and paloverde.
40.00	N. $0^{\circ} 01'$ W. bet. secs. 26 and 27. Over level land, through dense brush. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in W. S26 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
75.00	Cross road bears E. and W.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, marked on brass cap T1SR7W in N. and 1914 in S. half; S22 in N. W. S23 in N. E. S26 in S. E. and S27 in S. W. quadrant; dig pits 18 x 18 x 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, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber.
40.00	N. $89^{\circ} 58'$ E., on a random line bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line 2 lks. N. of the cor. of secs. 23, 24, 25 and 26. Thence I run S. $89^{\circ} 59'$ W., bet. secs. 23 and 26. Over level land, through dense brush.
40.01	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S23 in N. and S26 1914 in S. half; from which A mesquite 6 ins. diam., bears N. $8\frac{3}{4}^{\circ}$ E. 48 lks. dist., marked $\frac{1}{4}$ S23BT A mesquite 10 ins. diam., bears S. $74^{\circ}$ W. 155 lks. dist., marked $\frac{1}{4}$ S26BT.
80.02	The cor. of secs. 22, 23, 26 and 27. Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, mesquite, greasewood and catclaw.



## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

Note:

March 14: At this cor. I set off  $2^{\circ} 37'$  S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 19'$  N.

N.  $0^{\circ} 01'$  W. bet. secs. 22 and 23.  
Over level land, through dense brush.  
28.05 Cross wash 60 lks. wide course S. E.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S22 in W. S23 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.  
48.35 Cross road bears **Hearky** E. and W.  
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, marked on brass cap  
T1SR7W in N. and  
1914 in S. half;  
S15 in N. W.  
S14 in N. E.  
S23 in S. E. and  
S22 in S. W. quadrant; dig pits 18 x 18 x 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, level.  
Soil, snady loam, dry, medium texture; 1st. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

N.  $89^{\circ} 59'$  E. on a random line bet. secs. 14 and 23.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.98 Intersect N. and S. line 2 lks. N. of the cor. of secs. 13, 14, 23 and 24.  
Thence I run.  
West, bet. secs. 14 and 23 on a true line.  
Over level land, through dense brush.  
39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S14 in N. and S23 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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 The cor. of secs. 14, 15, 22 and 23.  
Land, level.  
Soil, sandy loam, dry, medium texture; 1st. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

N.  $0^{\circ} 01'$  W. bet. secs. 14 and 15.  
Over level land, through dense brush.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S15 in W. S14 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 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. diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap  
T1SR7W in N. and  
1914 in S. half;  
S10 in N. W.  
S11 in N. E.  
S14 in S. E. and  
S15 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

base 2 ft. high, W. of cor.  
Land, level.  
Soil, sandy loam mixed with rocks and gravel; 2nd. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

East, on a random line bet. secs. 11 and 14.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. and S. line 3 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence I run

S.  $89^{\circ} 59'$  W. on a true line bet. secs. 11 and 14.  
Over level land, through dense brush.  
40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S11 in N. and S14 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base 2 ft. high, N. of cor.  
80.04 The cor. of secs. 10, 11, 14, and 15.  
Land, level.  
Soil, sandy loam, mixed with rocks and gravel; 2nd. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

March 14; 1914.

March 17; 1914.

N.  $0^{\circ} 01'$  W., bet. secs. 10 and 11.  
Over level land, through dense brush.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S10 in W. S11 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 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. diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap;  
T1SR7W in N. and  
1914 in S. half;  
S3 in N. W.  
S2 in N. E.  
S11 in S. E. and  
S10 in S. W. quadrant; dig pits 18 x 18 x 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, level.  
Soil, sandy, mixed with gravel and rocks; 3rd. rate.  
No timber.  
Undergrowth, greasewood.

N.  $89^{\circ} 59'$  E. on a random line bet. secs. 2 and 11  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. and S. line 7 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence I run

N.  $89^{\circ} 58'$  W. on a true line bet. secs. 2 and 11  
Over rolling land, through dense brush.  
40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S2 in N. and S11 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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 The cor. of secs. 2, 3, 10 and 11.  
Land, nearly level.  
Soil, sandy, mixed with gravel and rocks; 3rd. rate.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

No timber.  
Undergrowth, greasewood.

N. 0° 01' W. on a true line, bet. secs. 2 and 3.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S3 in W. S2 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.

80.71 Intersect Gila and Salt River Base Line 2.86 chs. east of the standard cor. of secs. 34 and 35, T.1 N., R.7 W., established by Jesse B. Wright, as described in Book "C." At pt. of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in ground, for closing cor. secs. 2 and 3, marked on brass (cap,  
CC S. of center;

T1NR7W S34 S35 in N. and  
1914 in S. half;

S2 in S. E. and

S3 in S. W. quadrant; dig pits 24 x 18 x 12 ins.

crosswise on each line, E. and W. 3 ft., and S. of post 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, S. of cor.

Land, level.

Soil, sandy, mixed with rocks and gravel; 3rd. rate.

No timber.

Undergrowth, greasewood and paloverde.

Note: March 17: At this cor. I set off 1° 26' S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 22 $\frac{1}{2}$ ' N.

March 17, 1914.

1914.

March 16<sup>th</sup> At 8h. 00m. a.m., l.m.t., I set off 33° 17 $\frac{1}{2}$ ' N. on the lat. arc; 1° 53' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., estab. by me, as described in Book "B." Thence I run

N. 0° 02' W. bet. secs. 33 and 34.

Over rolling land, through dense brush.

12.50 Ascend rocky S. slope. Leave brush.

29.00 Ridge bears N. W. and S. E. descend.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S33 in W. S34 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

55.00 Over rolling land, through dense brush.

62.80 Cross road bears E. and W.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked on brass cap

T1SR7W in N. and

1914 in S. half;

S28 in N. W.

S27 in N. E.

S34 in S. E. and

S33 in S. W. quadrant; dig pits 18 x 18 x 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 and mountainous.

Soil, sandy loam mixed with rocks and gravel; 2nd. rate. except from 12.50 to 55.00 chs. which is loose volcanic rocks, worthless.

No timber.

Undergrowth, greasewood and paloverde.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains	
	East on a random line bet. secs. 27 and 34.
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line at the cor. of secs. 26, 27, 34 and 35
	Thence I run
	West on a true line bet. secs. 27 and 34.
9.60	Cross wash 20 lks. wide course N. W.
40.02	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in N. and S34 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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	The cor. of secs. 27, 28, 33 and 34. Land, rolling. Soil, sandy loam mixed with rocks and gravel; 2nd. rate. No timber. Undergrowth, greasewood and paloverde.
	<hr/>
	N. $0^{\circ} 02'$ W. bet. secs. 27 and 28.
	Over rolling land, through dense brush.
24.00	Ascend, leave brush.
30.00	Ridge bears E. and W. descend.
38.00	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in W. S27 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
45.00	Cross wash 75 lks. wide course N. E.
61.45	Cross road bears N. E. and S. W.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap T1SR7W in N. and 1914 in S. half; S21 in N. W. S22 in N. E. S27 in S. E. and S28 in S. W. quadrant; dig pits 18 x 18 x 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, level and mountainous. Soil, sandy loam, dry, medium texture; 1st. rate; except from 24.00 to 38.00 chs. which is loose volcanic rocks; worthless. No timber. Undergrowth, greasewood and paloverde.
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	East, on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line 7 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence I run
	S. $89^{\circ} 57'$ W. on a true line, bet. secs. 22 and 27,
	Over level land, through dense brush.
40.01	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S22 in N. and S27 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
54.30	Cross wash 15 lks. wide course N. E.
58.60	Cross wash 75 lks. wide course N. E.
61.40	Cross road bears N. E. and S. W.
80.02	The cor. of secs. 21, 22, 27 and 28. Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber.

## Subdivision of Tp. 1 S. Rg. 7 W.

## Chains.

**Note:** Undergrowth, greasewood, mesquite and paloverde.  
 March 16: At this cor. I set off  $1^{\circ} 49\frac{1}{2}'$  S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 19' N.$

N.  $0^{\circ} 02' W.$ , bet. secs. 21 and 22/  
 Over level land, through dense brush.  
 19.00 Cross dim road bears N. E. and S. W.  
 33.00 Cross wash 30 lks. wide course N. E.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S21 in W. S22 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.  
 45.00 Cross road bears E. and W.  
 51.65 Cross wash 50 lks. wide course S. E.  
 61.40 Cross wash 20 lks. wide course S. E.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap.  
     T1SR7W in N. and  
     1914 in S. half;  
     S16 in N. W.  
     S15 in N. E.  
     S22 in S. E. and  
     S21 in S. W. quadrant; dig pits 18x 18 x 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, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate; except N. 10.00 chs. which is mixed with gravel; 2nd. rate.  
 No timber.  
 Undergrowth greasewood, mesquite and paloverde.

N.  $89^{\circ} 57' E.$  on a random line bet. secs. 15 and 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 intersect N. and S. line 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.  
     Thence I run  
     S.  $89^{\circ} 58' W.$ , on a true line, bet. secs. 15 and 22.  
 Over level land, through dense brush.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S15 in N. and S22 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
 80.00 The cor. of secs. 15, 16, 21 and 22.  
 Land, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate; except W. 25.00 chs. which is mixed with rocks and gravel; 2nd. rate.  
 No timber.  
 Undergrowth, greasewood.

N.  $0^{\circ} 02' W.$  bet. secs. 15 and 16.  
 Over rolling land, through dense brush.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S16 in W. S15 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 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. diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked on brass cap

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

T1SR7W in N. and  
1914 in S. half;  
S9 in N. W.  
S10 in N. E.  
S15 in S. E. and  
S16 in S. W. quadrant; and raise a mound of stone 2 ft.  
base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, rolling.  
Soil, sandy, mixed with rocks; 3rd. rate.  
No timber.  
Undergrowth, greasewood..

March 16, 1914.

1914.  
March 17<sup>A</sup> At 8h. 00m. a.m., l.m.t., I set off  $33^{\circ} 21'$  N.  
on the lat. arc;  $1^{\circ} 29\frac{1}{2}'$  S. on the decl. arc; and  
determine a meridian with the solar at the cor. of secs.  
9, 10, 15. and 16

Thence I run

N.  $89^{\circ} 58'$  E. on a random line bet. secs. 10 and 1540.00 Set temp.  $\frac{1}{4}$  sec. cor.80.06 Intersect N. and S. line at the cor. of secs. 10, 11, 14  
and 15

Thence I run

S.  $89^{\circ} 58'$  W. on a true line bet. secs. 10 and 15.

Over nearly level land, through dense brush.

40.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S10 in N.  
and S15 1914 in S. half; dig pits 18 x 18 x 12 ins. E.  
and W. of post 3 ft. dist., and raise a mound of earth  
 $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

71.06 Cross wash, 15 lks. wide, course SE.

80.06 Cor. of secs. 9, 10, 15 and 16. Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate; except  
W. 9.00 chs. which is rocky, 3rd. rate.

No timber.

Undergrowth, greasewood and mesquite.

N.  $0^{\circ} 02'$  W. bet. secs. 9 and 10.

Over level land, through dense brush..

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S9 in W.S10 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.  
N. and S. of post 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. diam., 24 ins. in the  
ground for cor. of secs. 3, 4, 9, and 10, marked on brass  
cap

T1SR7W in N. and

1914 in S. half;

S4 in N. W.

S3 in N. E.

S10 in S. E. and

S9 in S. W. quadrant; and raise a mound of stone 2 ft.  
base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate; except  
N. 5.00 chs. which is rocky; 3rd. rate.

No timber.

Undergrowth, greasewood.

N.  $89^{\circ} 58'$  E. on a random line bet. secs. 3 and 1040.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. and S. line 2 lks. N. of the cor. of secs.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains

2, 3, 10 and 11.

Thence I run

S.  $89^{\circ} 59'$  W. on a true line bet. secs. 3 and 10.

Over rolling land, through dense brush.

40.02

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S3 in N. and S10 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.

74.19

Cross wash, 25 lks. wide, course S.

80.04

Cor. of secs. 3, 4, 9 and 10. Land rolling.

Soil, sandy, mixed with rocks; 3rd. rate.

No timber.

Undergrowth, greasewood.

N.  $0^{\circ} 02'$  W., on a true line, bet. secs. 3 and 4.

Over rolling land, through dense brush.

17.85

Cross wash 20 lks. wide course S. E.

40.00

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S4 in W.

S3 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.

48.40

Cross wash 8 lks. wide course S. E.

80.70

Intersect Gila and Salt River Base Line 2.79 chs. east of the Std. cor. of secs. 33 &amp; 34, T. 1 N. R. 7 W., established by Jesse B. Wright, as described in Book "C." At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in ground, for closing cor. of secs. 3 &amp; 4, marked on brass cap,

CC S. of center;

T1NR7W S33 S34 in N. and

1914 in S. half;

S3 in S. E. and

S4 in S. W. quadrant; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high S. of cor. Pits impracticable.

Land, level.

Soil, sandy, mixed with rocks; 3rd. rate.

No timber.

Undergrowth, greasewood, ironwood and paloverde.

March 17, 1914.

1914:

March 18<sup>th</sup> At 8h. 00m. a.m., 1.m.t., I set off  $33^{\circ} 17\frac{1}{2}'$  N. on the lat. arc;  $1^{\circ} 05\frac{1}{2}'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp, estab. by me, as described in Book "B." Thence I run,

N.  $0^{\circ} 02'$  W. bet. secs. 32 and 33

Over level land, through dense brush.

4.75

Cross wash 50 lks. wide course N. E.

25.75

Cross wash 40 lks. wide course N. W.

37.20

Cross road bears E. and W.

40.00

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S32 in W.

S33 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.

40.28

A point from which

windmill bears S.  $79^{\circ} 21'$  W.

48.85

Cross wash 20 lks. wide course N. E.

69.60

Cross wash 100 lks. wide course N. E..

75.25

Cross road bears N. E. and S. W.

80.00

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked on brass cap

T1SR7W in N. and

1914 in S. half;

## Subdivision of Tp. 1 S. Rg. 7 W.

chains.

- S29 in N. W.  
 S28 in N. E.  
 S33 in S. E. and  
 S32 in S. W. quadrant; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, level.  
 Soil, sandy loam, dry, fine texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.
- 
- East, on a random line bet. secs. 28 and 33  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. and S. line 9 lks. S. of the cor. of secs. 27, 28, 33 and 34.  
 Thence I run  
 S.  $89^{\circ} 56'$  W., on a true line bet. secs. 28 and 33.  
 Over level land, through dense brush.  
 39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S28 in N. and S33 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
 66.75 Cross wash 125 lks. wide course N. E.  
 74.75 Cross road bears N. E. and S. W.  
 79.98 The cor. of secs. 28, 29, 32 and 33.  
 Land, level.  
 Soil, sandy loam, dry, fine texture; 1st. rate; except E. 25 chs. which is mixed with rocks and gravel; 3rd. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.
- 
- N.  $0^{\circ} 02'$  W. bet. secs. 28 and 29.  
 Over rolling land, through dense brush.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S29 in W. S28 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 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. diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, marked on brass cap  
 T1SR7W in N. and  
 1914 in S. half;  
 S20 in N. W.  
 S21 in N. E.  
 S28 in S. E. and  
 S29 in S. W. quadrant; and raise a mound of stone 2 ft base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, level and rolling.  
 Soil, 0 to 30.00 and 70.00 to 80.00 chs. rocky; 3rd. rate.  
 30.00 to 70.00 chs. sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.
- Note: March 18: At this cor. I set off  $1^{\circ} 02'$  S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 19'$  N.
- 
- N.  $89^{\circ} 56'$  E. on a random line bet. secs. 21 and 28.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line 5 lks. N. of the cor. of secs. 21, 22, 27 and 28.  
 Thence I run  
 S.  $89^{\circ} 58'$  W. on a true line bet. secs. 21 and 28.



## Subdivision of Tp. 1 S. Rg. 7 W.

## Chains.

Over level land, through dense brush.  
 15.05 Cross wash 30 lks. wide course N.  
 39.98 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S21 in N. and S28 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
 79.96 The cor. of secs. 20, 21, 28 and 29.  
 Land, level.  
 Soil, W. 15.00 chs. rocky; 3rd. rate; E. 65.00 chs. sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.

N.  $0^{\circ} 02'$  W. bet. secs. 20 and 21.  
 Over rolling land, through dense brush.  
 29.05 Cross wash 20 lks. wide course S. E.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S20 in W. S21 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.  
 46.45 Cross road bears E. and W.  
 46.60 Ascend rough, rocky S. slope, leave brush.  
 65.50 Ridge bears N. W. and S. E. descend along E. slope.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap  
 T1SR7W in N. and  
 1914 in S. half;  
 S17 in N. W.  
 S16 in N. E.  
 S21 in S. E. and  
 S20 in S. W. quadrant; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, level and mountainous.  
 Soil, 0 to 25.00 chs. rocky and sandy; 3rd. rate; 25.00 to 46.60 sandy loam, dry, fine texture; 1st. rate; 46.60 to 80.00 loose volcanic rock; worthless.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.

N.  $89^{\circ} 58'$  E. on a random line bet. secs. 16 and 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. and S. line 9 lks. N. of the cor. of secs. 15, 16, 21 and 22.  
 Thence I run  
 N.  $89^{\circ} 58'$  W. on a true line bet. secs. 16 and 21.  
 Over rolling land, through dense brush.  
 15.70 Cross wash 65 lks. wide course S.  
 40.05 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S16 in N. and S21 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
 55.00 Ascend rough rocky E. slope, leave brush.  
 71.25 Top peak bears 50 lks. N. descend.  
 80.10 The cor. of secs. 16, 17, 20 and 21.  
 Land, rolling and mountainous.  
 Soil, sandy, mixed with rocks; 3rd. rate; except W. 25.00 chs. which is loose volcanic rock; worthless.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.

March 18, 1914.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains

- March 19<sup>1914</sup> At 8h. 00m. a.m., l.m.t., I set off  $33^{\circ} 20'$  N. on the lat. arc;  $0^{\circ} 42'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21.
- Thence I run  
N.  $0^{\circ} 02'$  W. bet. secs. 16 and 17.
- Ascend.  
4.10 Descend along E. slope.  
18.00 Ascend along E. side of peak.  
22.00 Top of peak bears west 2.00 chs. dist. descend.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S17 in W. S16 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
62.00 Cross wash 100 lks. wide course E. and over rolling land, through dense brush.  
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked on brass cap  
T1SR7W in N. and  
1914 in S. half;  
S8 in N. W.  
S9 in N. E.  
S16 in S. E. and  
S17 in S. W. quadrant; and raise a mound of stone 2 ft base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, mountainous and rolling.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood.
- 
- S.  $89^{\circ} 58'$  E. on a random line bet. secs. 9 and 16.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect N. and S. line 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.  
Thence I run  
S.  $89^{\circ} 59'$  W. on a true line bet. secs. 9 and 16.  
Over level land, through dense brush.  
40.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S9 in N. and S16 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
80.06 The cor. of secs. 8, 9, 16 and 17.  
Land, nearly level.  
Soil, sandy, mixed with rocks, 3rd. rate, except W.  
5.00 chs. which is loose rocks 4th. rate.  
No timber.  
Undergrowth, greasewood.
- 
- N.  $0^{\circ} 02'$  W. bet. secs. 8 and 9.  
Over rolling land, through dense brush.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$  S8 in W. S9 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 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. diam., 24 ins. in the ground for cor. of secs. 4, 5, 8, and 9, marked on brass cap  
T1SR7W in N. and  
1914 in S. half;  
S5 in N. W.  
S4 in N. E.  
S9 in S. E. and  
S8 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

base 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy, mixed with rocks; 3rd. rate.  
No timber.

Note: Undergrowth, greasewood.  
March 19: At this cor. I set off  $0^{\circ} 38\frac{1}{2}'$  S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 21\frac{1}{2}'$  N.

N.  $89^{\circ} 59'$  E. on a random line bet. secs. 4 and 9.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run  
S.  $89^{\circ} 57'$  W. on a true line bet. secs. 4 and 9  
Over rolling land, through dense brush.  
40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S4 in N. and S9 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 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 The cor. of secs. 4, 5, 8 and 9.  
Land, rolling.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and paloverde.

N.  $0^{\circ} 02'$  W., on a true line, bet. secs. 4 and 5.  
Over rolling land, through dense brush.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S5 in W. S4 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
80.81 Intersect Gila and Salt River Base Line 2.86 chs. east of the standard cor. of secs. 32 and 33, T 1 N R 7 W, established by Jesse B. Wright, as described in Book "C." At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 4 & 5, marked on  
CC S. of center; (brass cap  
T1NR7W S32 S33 in N. and  
1914 in S. half;  
S4 in S. E. and  
S5 in S. W. quadrant; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, S. of cor. Pits impracticable.  
Land, rolling.  
Soil, sandy mixed with rocks; 3rd. rate.  
No timber.  
Undergrowth, greasewood.

March 19, 1914.

1914:

March 20 At 8h 00m. a.m., l.m.t., I set off  $33^{\circ} 17\frac{1}{2}'$  N. on the lat. arc;  $0^{\circ} 18'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., estab. by me, as described in Book "B." Thence I run,  
N.  $0^{\circ} 03'$  W. bet. secs. 31 and 32.  
Over level land, through dense brush.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S31 in W. S32 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.  
58.15 Cross road bears S. E. and N. W.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.	
65.00	Ascend S. slope. Leave brush.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked on brass cap T1SR7W in N. and 1914 in S. half; S30 in N. W. S29 in N. E. S32 in S. E. and S31 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level and mountainous. Soil, 0 to 5.00 chs. sandy loam, dry, fine texture; 1st. rate; from 5.00 to 65.00 chs. sandy mixed with rocks; 2nd rate; from 65.00 to 80.00 loose volcanic rocks; worthless No timber. Undergrowth, greasewood, mesquite and paloverde.
	East, on a random line bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line 7 lks. N. of the cor. of secs. 28, 29, 32 and 33. Thence I run N. $89^{\circ} 57'$ W., bet. secs. 29 and 32 on a true line. Over level land, through dense brush.
8.00	Ascend, leave brush.
16.00	Ridge bears N. W. and S. E. descend.
40.04	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S29 in N. and S32 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
42.02	Cross wash 15 lks. wide course S. E. ascend.
52.50	Ridge bears N. W. and S. E. descend.
80.08	The cor. of secs. 29, 30, 31 and 32. Land, level and mountainous. Soil, rocky; 4th. rate. No timber. Undergrowth, greasewood.
	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.10	Intersect W. bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36. established by me, as described in Book "B." Thence I run East, on a true line bet. secs. 30 and 31 Over nearly level land, through dense brush.
9.10	Cross road bears N. and S.
38.10	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S30 in N. and S31 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
44.80	Cross road bears N. W. and S. E.
65.00	Ascend, leave brush.
78.10	The cor. of secs. 29; 30; 31 and 32. Land, level and mountainous. Soil, 0 to 13.00 chs. and 65.00 to 80.00 chs. rocky; 4th. rate; 13.00 to 65.00 chs. sandy loam, dry, medium texture 1st. rate. No timber. Undergrowth, greasewood, mesquite and paloverde.
Note:	March 20: At this cor. I set off $0^{\circ} 15'$ S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 18'$ N.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

- N. 0° 03' W. bet. secs. 29 and 30.  
Ascend.
- 18.30 Ridge bears N. W. and S. E. descend.
- 28.50 Ascend.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S30 in W. S29 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- 47.20 Top of peak bears 100 lks. W., descend.
- 64.50 Cross wash 20 lks. wide course E. and over rolling land, through dense brush.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, marked on brass cap  
T1SR7W in N. and  
1914 in S. half;  
S19 in N. W.  
S20 in N. E.  
S29 in S. E. and  
S30 in S. W. quadrant; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, mountainous and rolling.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood, mesquite and paloverde.
- 
- S. 89° 57' E., on a random line bet. secs. 20 and 29.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs. 20, 21, 28 and 29.  
Thence I run
- N. 89° 59' W., on a true line bet. secs. 20 and 29.  
Over rolling land, through dense brush.
- 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S20 in N. and S29 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.
- 46.50 Cross wash 25 lks. wide course N. E.
- 73.50 Cross wash 25 lks. wide course S. E.
- 80.02 The cor. of secs. 19, 20, 29 and 30.  
Land, rolling.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood, paloverde and mesquite.
- 
- West, on a random line bet. secs. 19 and 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 78.03 Intersect W. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30, established by me, as described in Book "B."  
Thence I run
- East, on a true line bet. secs. 19 and 30.  
Over rolling land, through dense brush.
- 3.05 Cross wash 20 lks. wide course N.
- 9.62 Cross road bears N. and S.
- 13.00 Ascend, leave brush.
- 38.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S19 in N. and S30 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 48.50 Ridge bears N. W. and S. E. descend.
- 63.00 Over rolling land.
- 78.03 The cor. of secs. 19, 20, 29 and 30.  
Land, rolling and mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood, mesquite and paloverde.

March 20, 1914.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.	1914:
	March 21: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 19'$ N. on the lat. arc; $0^{\circ} 5\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.
	Thence I run
	N. $0^{\circ} 03'$ W. bet. secs. 19 and 20.
	Over rolling land.
1.80	Cross wash 20 lks. wide course S. E., ascend.
22.00	Ridge bears N. W. and S. E., descend.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in W. S20 in E. and 1914 in S. half; from which
	A paloverde 8 ins. diam., bears N. $40^{\circ}$ E. 17 lks. dist., marked $\frac{1}{4}$ S20BT.
	A paloverde 8 ins. diam., bears S. $70^{\circ}$ W. 131 lks. dist., marked $\frac{1}{4}$ S19BT.
45.50	Over level land, through dense brush.
63.50	Cross wash 50 lks. wide course E.
74.95	Cross road bears N. W. and S. E. and over rolling land.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 17, 18, 19 and 20, marked on brass cap
	T1SR7W in N. and 1914 in S. half;
	S18 in N. W.
	S17 in N. E.
	S20 in S. E. and S19 in S. W. quadrant; from which
	A paloverde 4 ins. diam., bears S. $76^{\circ}$ W. 34 lks. dist., marked T1SR7WS19BT.
	No other trees available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	From this cor. A tent house, vacant, bears S. $88^{\circ} 07'$ W. Land, mountainous and level.
	Soil, 0 to 45.50 chs. rocky; 4th. rate; 45.50 to 80.00 chs. sandy loam, dry, medium texture, 1st. rate.
	No timber.
	Undergrowth, greasewood, mesquite and paloverde.
	<hr/>
	S. $89^{\circ} 59'$ E., on a random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line 2 lks. N. of the cor. of secs. 16, 17, 20 and 21.
	Thence I run
	N. $89^{\circ} 58'$ W., on a true line bet. secs. 17 and 20.
	Ascend.
5.00	Ridge bears N. W. and S. E. descend.
40.03	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S17 in N. and S20 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
41.30	Cross wash 25 lks. wide course S. and over rolling land, through dense brush.
80.06	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling and mountainous.
	Soil, rocky; 4th. rate.
	No timber.
	Undergrowth, greasewood, ironwood and paloverde.
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	West, on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.98	Intersect W. bdy. of Tp. 9 lks. S. of the cor. of secs. 13, 18, 19 and 24, established by me, as described in Book "B."
	Thence I run
	S. $89^{\circ} 56'$ E., on a true line bet. secs. 18 and 19.
	Over rolling land, through dense brush.
0.10	Cross road bears N. and S.

## Subdivision of Tp. 1 S. Rg. 7 W.

## Chains.

- 0.78 Cross fence bears N. and S.  
 8.00 Ascend.  
 10.50 Ridge bears N. and S. tent house bears S.  $67^{\circ} 42'$  E.  
 Descend.  
 23.25 Cross road bears N. E. and S. W. and over level land,  
 through dense brush.  
 33.35 Cross fence bears N. and S.  
 37.98 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S18 in N.  
 and S19 1914 in S. half; from which  
     A mesquite 8 ins. diam., bears N.  $28^{\circ}$  E. 57  
     lks. dist., marked  $\frac{1}{4}$ S18BT.  
     A mesquite 14 ins. diam., bears S.  $42\frac{1}{2}^{\circ}$  W. 82  
     lks. dist., marked  $\frac{1}{4}$ S19BT.  
 60.95 Cross fence bears N. and S.  
 70.85 Cross road bears N. W. and S. E.  
 77.98 The cor. of secs. 17, 18, 19. and 20.  
 Land, level and mountainous.  
 Soil, rocky; 4th. rate; except from 23.25 chs. to 70.85  
 chs. which is sandy loam, dry, medium texture; 1st. rate.  
 No timber.

Note: Undergrowth, greasewood, mesquite and paloverde.  
 March 21: At this cor. I set off  $0^{\circ} 09'$  N. on the decl.  
 arc; and observe the sun on the meridian at noon; the  
 resulting lat. is  $33^{\circ} 20'$  N.

- N.  $0^{\circ} 03'$  W. bet. secs. 17 and 18.  
 Over rolling hilly land, through dense brush.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$ S18 in W.  
 S17 in E. and 1914 in S. half; and raise a mound of stone  
 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 49.25 Cross wash 20 lks. wide course E.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground for cor. of secs. 7, 8, 17 and 18, marked on brass  
 cap  
     T1SR7W in N. and  
     1914 in S. half;  
     S7 in N. W.  
     S8 in N. E.  
     S17 in S. E. and  
     S18 in S. W. quadrant; from which  
     A paloverde 4 ins. diam., bears S.  $21\frac{3}{4}^{\circ}$  W 23  
     lks. dist., marked T1SR7WS18BT.  
 No other bearings available. Raise a mound of stone 2 ft.  
 base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, rolling,  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and paloverde.

- S.  $89^{\circ} 58'$  E. on a random line bet. secs. 8 and 17.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect N. and S. line 2 lks. N. of the cor. of secs.  
 8, 9, 16 and 17.  
 Thence I run  
 N.  $89^{\circ} 57'$  W. bet. secs. 8 and 17 on a true line.  
 Over rolling land, through dense brush.  
 23.30 Cross wash 15 lks. wide course S. E.  
 39.00 Cross wash 100 lks. wide course S. E.  
 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S8 in N.  
 and S17 1914 in S. half; dig pits 18 x 18 x 12 ins. E.  
 and W. of post 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 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling.

## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and paloverde.

N.  $89^{\circ} 56'$  W., on a random line bet. secs. 7 and 18.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
77.84 Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, estab. by me, as described in Book "B."  
Thence I run  
S.  $89^{\circ} 58'$  E., on a true line bet. secs. 7 and 18.  
Over rolling land, through dense brush.  
8.00 Leave brush, ascend.  
37.84 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S7 in N. and S18 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
39.35 Ridge bears N. W. and S. E. descend.  
66.85 Cross wash 20 lks. wide course S. and over rolling land, through dense brush.  
77.84 The cor. of secs. 7, 8, 17 and 18.  
Land, rolling and mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

March 21, 1914.

1914.  
March 22<sup>nd</sup> At 7h. 00m. a.m., l.m.t., I set off  $33^{\circ} 21'$  N. on the lat. arc;  $0^{\circ} 29\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 8, 17 and 18.  
Thence I run  
N.  $0^{\circ} 03'$  W. bet. secs. 7 and 8.  
Over rolling hilly land, through dense brush.  
24.40 Cross wash 20 lks. wide course S. E.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S7 in W. S8 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, W. of cor.  
74.50 Cross wash 40 lks. wide course S. E.  
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 7, and 8, marked on brass cap  
T1SR7W in N. and  
1914 in S. half;  
S6 in N. W.  
S5 in N. E.  
S8 in S. E. and  
S7 in S. W. quadrant; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, rolling hills.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and paloverde.

S.  $89^{\circ} 57'$  E., on a random line bet. secs. 5 and 8  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.  
Thence I run.  
N.  $89^{\circ} 58'$  W., bet. secs. 5 and 8 on a true line.  
Over rolling land, through dense brush.  
23.50 Cross wash 50 lks. wide course S. E.  
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S5 in N. and S8 1914 in S. half; dig pits 18 x 18 x 12 ins. E.



## Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

and W. of post 3 ft. dist., and raise a mound of earth  
 $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
 52.20 Cross wash 30 lks. wide course S. E.  
 80.00 The cor. of secs. 5, 6, 7, and 8.  
 Land, rolling.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and paloverde.

N.  $89^{\circ} 58'$  W., on a random line bet. secs. 6 and 7.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 77.80 Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7 and  
 12, established by me, as described in Book "B."  
 Thence I run  
 S.  $89^{\circ} 58'$  E., on a true line bet. secs. 6 and 7.  
 Over rolling land, through dense brush.  
 37.80 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S6 in N.  
 and S7 1914 in S. half; dig pits 18 x 18 x 12 ins. E.  
 and W. of post 3 ft. dist., and raise a mound of earth  
 $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high, N. of cor.  
 65.75 Cross wash 20 lks. wide course S.  
 74.30 Cross wash 30 lks. wide course S.  
 77.80 The cor. of secs. 5, 6, 7, and 8.  
 Land, rolling.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and paloverde.

Note: March 22: At this cor. I set off  $0^{\circ} 33\frac{1}{2}'$  N. on the decl.  
 arc; and observe the sun on the meridian at noon; the  
 resulting lat. is  $33^{\circ} 21\frac{1}{2}'$  N.

N.  $0^{\circ} 03'$  W., on a true line, bet. secs. 5 and 6.  
 Over rolling land, through dense brush.  
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  $\frac{1}{4}$ S6 in W.  
 S5 in E. and 1914 in S. half; and raise a mound of stone  
 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 52.50 Cross wash 25 lks. wide course S. E.  
 80.79 Intersect Gila and Salt River Base Line 2.85 chs. east  
 of the standard cor. of secs. 31 and 32, T.1 N., R.7 W. es-  
 tablished by Jesse. B. Wright, as described in Book "C." At  
 point of intersection, set an iron post, 3 ft. long, 2 ins. in  
 diam., 24 ins. in the ground, for closing cor. secs. 5 & 6, mkd. on  
 CC S. of center; / brass cap,  
 T1NR7W S31 S32 in N. and  
 1914 in S. half;  
 S5 in S. E. and  
 S6 in S. W. quadrant; and raise a mound of stone 2 ft.  
 base  $1\frac{1}{2}$  ft. high, S. of cor. Pits impracticable.  
 Land, rolling.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and paloverde.

March 22, 1914.

## GENERAL DESCRIPTION.

This township is level, except in the western part in  
 which there is a range of malpais hills. The soil is  
 generally 1st. rate in the southern half and rocky and  
 3rd. and 4th. rate in the northern half;

There is no timber or water in the township, and no  
 settlers residing on the ground.

Wells with windmills, used for stock watering, are  
 located in secs. 19, 24, and 32.

Subdivision of Tp. 1 S. Rg. 7 W.

Chains.

The water at Mullen Wells in sec. 19 is also used by one of the cattlemen in irrigating land in the N. W.  $\frac{1}{4}$  of sec. 19.

*John D. Hesse*  
U. S. Surveyor.

FOR FINAL OATH OF UNITED STATES SURVEYOR.  
*See Book "E"*

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., Aug 27*, 1915

The foregoing field notes of the survey of *the*  
*Subdivision lines of*  
*Township 1 South, Range 7 West*  
*of the Gila and Salt River Base and Meridian*  
*in the State of Arizona.*

executed by *John F. Hesse, U.S. Surveyor*  
under his special instructions dated *October 21, 1913 for Group 32*, ~~1913~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank Ingalls*  
U. S. Surveyor General.  
OF ARIZONA.

~~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.~~