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2801  
4-679

SEP 5- 1914

BOOK 2801

Book "K"  
Subdivisions  
FIELD NOTES

OF THE SURVEY OF THE

LINES  
SUBDIVISION OF T. 1 S., R. 8 W.

2801

Of the Gila and Salt River Base and Meridian,

Arizona.

In the State of

EXECUTED BY

Jesse B. Wright,

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 March 18, 1914

Survey completed March 26, 1914

# Book "K"

BOOK 2801

## INDEX DIAGRAM.

Township *1 South*, Range *8 West*

*Gila & Salt River Base Line*

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

6-151

- Notes in Book "A", this Group
- " " " "B" " "
- " " " "C" " "
- - - - - Unsurveyed

Subdivision of T. 1 S., R. 8 W.

(18)

Chains.

Survey commenced March 18, 1914 and executed by Jesse B. Wright, U.S. Surveyor, under instructions for Group 32, Arizona, using a Young & Son's light mountain transit No. 7084, described in book "A".

Knowing also from recent and repeated tests made on true meridians established from observations of Polaris at my various camps, that my 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., established by me, as described in book "A",

I set off  $1^{\circ}05\frac{1}{2}'$  S. on the decl. arc, and  $33^{\circ}17\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions,

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

Over gently rolling land, through scattering brush, greasewood, sage brush, few mesquites and paloverde trees.

Var.  $13^{\circ}40' E.$

0.60 Wash, 10 lks. wide, course NW.

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

$\frac{1}{4}$  S 35 in W., and  
S 36 in E. half,  
1914 on S. rim, from which,

A paloverde tree 8 ins. diam. brs. N.  $3^{\circ} W.$  68 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

A paloverde tree 9 ins. diam. brs. S.  $24^{\circ} E.$  21 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

Asc. from cor.

42.00 Top of E. side of hill, brs. E. & W., desc.

70.00 Foot, brs. NW. & ESE.

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, 1914 on S. rim,

T 1 S R 8 W, in N. half,  
S 26 in NW.,  
S 25 in NE.,  
S 36 in SE., and  
S 35 in SW. quad.; Pits impracticable,

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

Soil, 3rd rate, gravelly, loose, dry, mostly volcanic ash. Paloverde, ironwood, mesquite, greasewood, catclaw.

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

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

80.02 Intersect E. bdy. of Tp.  $2\frac{1}{2}$  lks. S. of cor. of secs. 25, 30, 31 & 36, established by John F. Hesse, U.S. Surveyor, as described in book "B", whence I run, S.  $89^{\circ}59'$  W. on a true line bet. secs. 25 & 36.

Over mts. land, asc. grad., through dense brush.

35.00 Top of ridge, brs. N. & S., 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, 1914 on S. rim,  $\frac{1}{4}$  S 25 in N., and  
S 36 in S. half,

No bearings available; Pits impracticable.

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

60.00 Foot of main slope, brs. N. & S.

74.30 Wash, 15 lks. wide, course NW.

80.02 To cor. of secs. 25, 26, 35 & 36.

Land, mts., rolling.

Soil, 3rd rate, sandy, gravelly, stony, dry. Paloverde, greasewood, cacti, sage brush.

## Chains.

- N.  $0^{\circ} 1'$  W. bet. secs. 25 & 26.  
Over rolling land, through scattering brush.
- 4.50 Wash, 20 lks. wide, course NW.
- 31.60 Wash, 30 lks. wide, course NE.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 26 in W., and  
S 25 in E. half, 1914 on S. rim;  
No bearings available, pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 54.50 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. 23, 24, 25 & 26, marked on brass cap, 1914 on S. rim,  
T 1 S R 8 W, in N. half,  
S 23 in NW.,  
S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quad.;  
dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
Land, level, gently rolling.  
Soil, 2nd rate, sandy, loamy, some volcanic ash.  
Greasewood, sage brush, few cacti.

- N.  $89^{\circ} 59'$  E. on a random line bet. secs. 24 & 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect E. bdy. of Tp.  $2\frac{1}{2}$  lks. S. of cor. of secs. 19, 24, 25 & 30, as established by John F. Hesse, as described in book "B", whence I run,  
S.  $89^{\circ} 58'$  W. on a true line bet. secs. 24 & 25.  
Over rolling land, through dense brush, asc. grad.
- 35.00 Top of rise, near N. end of hill, brs. N. & S., desc. grad.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap, 1914 on S. rim;  $\frac{1}{4}$  S 24 in N., and  
S 25 in S. half, pits impracticable.  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 52.20 Road, brs. NE. & SW.
- 55.30 Wash, 30 lks. wide, course NE.
- 80.00 To cor. of secs. 23, 24, 25 & 26.  
Land, rolling. Soil, 2nd & 3rd rate, gravelly, stony.  
Greasewood, paloverde, sage brush, few cacti.
- Note: At this cor., at noon, I set off  $1^{\circ} 02'$  S. on the decl. arc, and observe the sun on the meridian.  
The resulting lat. is  $33^{\circ} 19'$  N.

- N.  $0^{\circ} 1'$  W. bet. secs. 23 & 24.  
Over level land, through scattering brush.
- 18.40 Wash, 15 lks. wide, course NE.
- 29.00 Wash, 40 lks. wide, course NE.
- 33.20 Wash, 40 lks. wide, course NE.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in W., and  
S 24 in E. half, 1914 on S. rim;  
dig pits  $18 \times 18 \times 12$  ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 14, 23 & 24, marked on brass cap, 1914 on S. rim,  
T 1 S R 8 W, in N. half,  
S 14 in NW., S 13 in NE.,  
S 24 in SE., and S 23 in SW. quad.;  
dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
Land, rolling, level.  
Soil, 2nd rate, loose, sandy.  
Greasewood, sage brush, few cacti.  
Above cor. is on sand dune, brs. ESE. & WNW.

Subdivision of T. 1 S., R. 8 W. 3

Chains.  
 40.00 N. 89°58' E. on a random line, bet. secs. 13 & 24.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect E. bdy. of Tp. 7 lks. S. of cor. of  
 secs. 13, 18, 19 & 24, established by John F. Hesse,  
 as described in book "B," whence I run,  
 S. 89°55' W. on a true line bet. secs. 13 & 24.  
 Over level land, through dense mesquite.  
 29.00 Wash, 30 lks. wide, course SSE.  
 34.00 Enter open space.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 13 in N., and  
 $\frac{1}{4}$  S 24 in S. half, 1914 on S. rim,  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Thence through scattering mesquite.  
 60.00 Wash, 1 ch. wide, course ESE.  
 80.00 To cor. of secs. 13, 14, 23 & 24.  
 Land, level. Soil, 2nd rate, sandy, loamy, loose.  
 Mesquite, greasewood, sage brush.

N. 0° 1' W. bet. secs. 13 & 14.  
 Over gently rolling land, through dense brush.  
 3.50 Wash, 40 lks. wide, course E.  
 7.70 Wash, 1 ch. wide, course ESE.  
 34.90 Wash, 50 lks. wide, course SE.  
 37.80 Wagon trail, 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 14 in W., and  
 $\frac{1}{4}$  S 13 in E. half, 1914 on S. rim; from which,  
 A mesquite tree 8 ins. diam. brs. S. 50° E. 123 lks. dist.,  
 marked  $\frac{1}{4}$  S 13 B T.  
 A mesquite tree 12 ins. diam. brs. S. 24° W. 91 lks. dist.,  
 marked  $\frac{1}{4}$  S 14 B T.  
 59.60 Road, brs. NW. & SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 11, 12, 13 & 14, marked on  
 brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 11 in NW.,  
 S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quad.;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
 Land, level, gently rolling.  
 Soil, 2nd rate, sandy, loamy, loose, dry.  
 Greasewood, mesquite, ironwood, sage brush.

N. 89°55' E. on a random line bet. secs. 12 & 13.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect E. bdy. of Tp. 7 lks. S. of cor. of secs.  
 7, 12, 13 & 18, established by John F. Hesse, as  
 described in book "B." whence I run,  
 S. 89°52' W. on a true line bet. secs. 12 & 13.  
 Over rolling, broken land, through dense brush, asc.  
 13.50 Top of N. side of hill, brs. N. & S., desc.  
 28.20 Wash, 15 lks. wide, course SE.  
 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 12 in N., and S 13 in S. half,  
 1914 on S. rim; from which,  
 A mesquite tree 8 ins. diam. brs. N. 50° E. 78 lks. dist.,  
 marked  $\frac{1}{4}$  S 12 B T.  
 A mesquite tree 14 ins. diam. brs. S. 10° W. 95 lks. dist.,  
 marked  $\frac{1}{4}$  S 13 B T.  
 46.00 Wash, 25 lks. wide, course S.  
 51.00 Wash, 15 lks. wide, course S.  
 73.50 Wash, 10 lks. wide, course S.  
 79.96 To cor. of secs. 11, 12, 13 & 14.  
 Land, broken. Soil, 2nd rate, gravelly. Greasewood, mesquite.  
 March 18, 1914.

- Chains. March 21, 1914.  
At 7h a.m., l.m.t., at the cor. of secs. 11, 12, 13 & 14,  
I set off  $0^{\circ}05\frac{1}{2}'$  N. on the decl. arc, and  $33^{\circ}21'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
N.  $0^{\circ} 1'$  W. bet. secs. 11 & 12.  
Over level land, through scattering mesquite.
- 37.30 Wash, 15 lks. wide, course SE.  
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 11 in W., and  
S 12 in E. half, 1914 on S. rim;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 1, 2, 11 & 12, marked on  
brass cap, 1914 on S. rim,  
T 1 S R 8 W, in N. half,  
S 2 in NW.,  
S 1 in NE.,  
S 12 in SE., and  
S 11 in SW. quad.;  
dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
Land, rolling, level. Soil, 2nd rate, sandy, loamy, loose.  
Greasewood, mesquite, sage brush.
- 
- N.  $89^{\circ}52'$  E. on a random line bet. secs. 1 & 12.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.94 Intersect E. bdy. of T. 1 at cor. of secs. 1, 6, 7 & 12,  
estab. by John F. Hesse, as described in book "B"  
whence I run,  
S.  $89^{\circ}52'$  W. on a true line bet. secs. 1 & 12.  
Over rolling land, through dense brush.
- 39.50 Wash, 15 lks. wide, course SE.  
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 1 in N., and  
S 12 in S. half,  
1914 on S. rim; from which,  
A paloverde tree 10 ins. diam. brs. N.  $44^{\circ}$  E. 34 lks. dist.,  
marked  $\frac{1}{4}$  S 1 B T.  
A paloverde tree 8 ins. diam. brs. S.  $51\frac{1}{4}^{\circ}$  E. 100 lks. dist.,  
marked  $\frac{1}{4}$  S 12 B T.
- 71.00 Wash, 20 lks. wide, course SSE.  
79.94 To cor. of secs. 1, 2, 11 & 12.  
Land, rolling. Soil, 2nd rate, gravelly, stony, dry.  
Greasewood, paloverde, sage brush.
- 
- N.  $0^{\circ} 1'$  W. on a true line bet. secs. 1 and 2  
Over rolling land, through dense brush.
- 7.70 Wash, 20 lks. wide, course SE.  
21.90 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  $\frac{1}{4}$  sec. cor., marked on brass cap, 1914 on  
S. rim,  $\frac{1}{4}$  S 2 in W., and S 1 in E. half, pits imprac.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 60.40 Wash, 15 lks. wide, course SW.  
80.94 Intersect Gila & Salt River Base Line 5.20 chs. East of  
Std. cor. of secs. 35 & 36, T. 1 N, R. 8 W., established  
by me, 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. 1 & 2, marked on  
brass cap, 1914 on S. rim, C C, S. of centre,  
T 1 N R 8 W, S 35, S 36, in N. half,  
S 1 in SE., and S 2 in SW. quad.; from which,  
A paloverde tree 8 ins. diam. brs. S.  $19\frac{3}{4}^{\circ}$  W. 53 lks. dist.,  
marked T 1 S R 8 W S 2 C C B T.  
A paloverde tree 9 ins. diam. brs. S.  $48\frac{1}{4}^{\circ}$  E. 138 lks. dist.,  
marked T 1 S R 8 W S 1 C C B T.  
Land, rolling, broken. Soil, 3rd rate, gravelly, stony.  
Greasewood, paloverde, sage brush, cacti.

March 21, 1914.

Subdivision of T. 1 S., R. 8 W.

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| <p>Chains.</p> <p>40.00</p> <p>62.80</p> <p>80.00</p>                                      | <p>March 19, 1914.</p> <p>At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 &amp; 35, on the S. bdy. of the Tp., established by me, also described in book "A.S.P."</p> <p>I set off 0°42' S. on the decl. arc, and 33°17½' N. on the lat. arc, and determine a meridian with the solar. Thence I run,</p> <p>N. 0° 1' W. bet. secs. 34 &amp; 35.</p> <p>Over rolling land, through scattering brush.</p> <p>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 34 in W., and S 35 in E. half, 1914 on S. rim;</p> <p>dig pits 18x18x12 ins. N. &amp; S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.</p> <p>Road, brs. NE. &amp; SW.</p> <p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 &amp; 35, marked on brass cap, 1914 on S. rim,</p> <p>T 1 S R 8 W, in N. half,</p> <p>S 27 in NW.,</p> <p>S 26 in NE.,</p> <p>S 35 in SE., and</p> <p>S 34 in SW. quad.;</p> <p>dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.</p> <p>Land, rolling. Soil, 2nd rate, dry, loose.</p> <p>Greasewood, sage brush, few mesquites.</p> |
| <p>40.00</p> <p>79.98</p> <p>17.80</p> <p>32.40</p> <p>39.99</p> <p>67.45</p> <p>79.98</p> | <p>East, on a random line bet. secs. 26 &amp; 35.</p> <p>Set temp. ¼ sec. cor.</p> <p>Intersect N. &amp; S. line 2 lks. N. of cor. of secs. 25, 26, 35 &amp; 36 hereinbefore described, whence I run, N. 89°59' W. on a true line bet. secs. 26 &amp; 35.</p> <p>Over gently rolling land, through dense greasewood.</p> <p>Road, brs. NNE. &amp; SSW.</p> <p>Wash, 15 lks. wide, course N.</p> <p>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 26 in N., and S 35 in S. half, 1914 on S. rim;</p> <p>dig pits 18x18x12 ins. E. &amp; W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.</p> <p>Road, brs. NE. &amp; SW.</p> <p>To cor. of secs. 26, 27, 34 &amp; 35.</p> <p>Land, rolling. Soil, 2nd rate, sandy, loose, dry.</p> <p>Greasewood, few mesquite and paloverde trees.</p>   |
| <p>40.00</p> <p>80.00</p>  | <p>N. 0° 1' W. bet. secs. 26 &amp; 27.</p> <p>Over gently rolling land, through scattering brush.</p> <p>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 W., and S 26 in E. half, 1914 on S. rim;</p> <p>dig pits 18x18x12 ins. N. &amp; S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.</p> <p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22, 23, 26 &amp; 27, marked on brass cap, 1914 on S. rim,</p> <p>T 1 S R 8 W, in N. half,</p> <p>S 22 in NW.,</p> <p>S 23 in NE.,</p> <p>S 26 in SE., and</p> <p>S 27 in SW. quad.;</p> <p>dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.</p> <p>Land, gently rolling.</p> <p>Soil, 2nd rate, sandy, loose, volcanic ash.</p> <p>Greasewood, sage brush.</p>  |

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## Subdivision of T. 1 S., R. 8 W.

Chains.

- S.  $89^{\circ}59'$  E. on a random line bet. secs. 23 & 26.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. & S. line 2 lks. S. of cor. of secs. 23, 24, 25 & 26 ~~hereinbefore~~ described, whence I run, West, on a true line bet. secs. 23 & 26.  
 Over gently undulating plain, through dense brush.  
 39.99 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 23 in N., and  
 S 26 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.98 To cor. of secs. 22, 23, 26 & 27.  
 Land, gently undulating.  
 Soil, 2nd rate, loose, volcanic ash.  
 Greasewood, sage brush, few mesquites.
- 
- N.  $0^{\circ} 1'$  W. bet. secs. 22 & 23.  
 Over gently rolling land, through dense brush.  
 31.00 Wash, 40 lks. wide, course E.  
 39.00 Sand dune, brs. E. & WNW.  
 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 22 in W., and  
 S 23 in E. half, 1914 on S. rim;  
 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.  
 Note: At this cor., at noon, high wind prevents observing for latitude.  
 58.50 Wash, 20 lks. wide, course E.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 14, 15, 22 & 23, marked on brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 15 in NW.,  
 S 14 in NE.,  
 S 23 in SE., and  
 S 22 in SW. quad. ;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
 Land, gently rolling. Soil, 2nd rate, sandy, loose.  
 Greasewood, sage brush, few cacti.
- 
- East, on a random line bet. secs. 14 & 23.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect cor. of secs. 13, 14, 23 & 24, ~~hereinbefore~~ described, whence I run, West, on a true line bet. secs. 14 & 23.  
 Over gently rolling plain, through scattering brush.  
 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 14 in N. and  
 S 23 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.96 To cor. of secs. 14, 15, 22 & 23.  
 Land, rolling. Soil, 2nd rate, sandy, loose. loamy.  
 Greasewood, sage brush, few cacti.



## Chains.

- N.  $0^{\circ}$  1' W. bet. secs. 14 & 15.  
Over level plain, through dense low brush.
- 37.40 Enter wash, course ESE., Centennial Wash.
- 40.00 Point for  $\frac{1}{4}$  sec. cor. falls in wash, N. edge, leave wash.
- 41.50 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor., marked on brass cap, 1914 on S. rim,  
W C  $\frac{1}{4}$  N. of centre,  
S 15 in NW., and S 14 in NE. quad. from which;  
A mesquite tree 6 ins. diam. brs. S.  $19^{\circ}$  E. 32 lks. dist., marked  $\frac{1}{4}$  S 14 W C B T.  
A mesquite tree 9 ins. diam. brs. S.  $67\frac{1}{2}^{\circ}$  W. 79 lks. dist., marked  $\frac{1}{4}$  S 15 W C B T.  
Windmill brs. N.  $76^{\circ}$  W.
- 46.20 Old road, brs. NW. & SE.
- 57.90 Wash, 40 lks. wide, course SE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, 1914 on S. rim,  
T 1 S R 8 W, in N. half,  
S 10 in NW.,  
S 11 in NE.,  
S 14 in SE., and  
S 15 in SW. quad.;  
dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
Land, gently rolling, level.  
Soil, 2nd rate, sandy, loamy, loose, dry.  
Greasewood, sage brush, some mesquite and paloverde in washes.
- 
- 40.00 East, on a random line bet. secs. 11 & 14.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 79.90 Intersect N. & S. line 5 lks. S. of cor. of secs. 11, 12, 13 & 14 hereinbefore described, whence I run, S.  $89^{\circ}58'$  W. on a true line bet. secs. 11 & 14.  
Over level land, through dense brush.
- 26.10 Road, brs. NW. & SE.
- 35.80 Wash, 1 ch. wide, course S.
- 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 11 in N., and  
S 14 in S. half,  
1914 on S. rim; from which,  
A mesquite tree 24 ins. diam. brs. S.  $17\frac{1}{2}^{\circ}$  W. 43 lks. dist., marked  $\frac{1}{4}$  S 14 B T.  
A mesquite tree 6 ins. diam. brs. N.  $48\frac{1}{4}^{\circ}$  E. 31 lks. dist., marked  $\frac{1}{4}$  S 11 B T.
- 51.43 Wash, 15 lks. wide, course S.
- 70.40 Wash, 60 lks. wide, course SSE.
- 79.90 To cor. of secs. 10, 11, 14 & 15.  
Land, level, gently rolling. Soil, 2nd rate, sandy, loose.  
Greasewood, mesquite, paloverde, sage brush. Mch. 19, 1914.
- 
- Mch. 21, 1914, continued.
- N.  $0^{\circ}$  1' W. bet. secs. 10 & 11.  
Over gently rolling land, through dense greasewood.
- 3.20 Wash, 50 lks. wide, course SE.
- 22.70 Road, brs. NNE. & SSW., dim.
- 32.45 Road, brs. WNW. & 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 10 in W., and  
S 11 in E. half, 1914 on S. rim;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 77.40 Wash, 15 lks. wide, course SSW.

| Chains. |   |
|---------|---|
| 80.00   | Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 2, 3, 10 & 11, marked on brass cap, 1914 on S. rim,<br>T 1 S R 8 W, in N. half,<br>S 3 in NW.,<br>S 2 in NE.,<br>S 11 in SE., and<br>S 10 in SW. quad.;<br>dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.<br>Land, level, gently undulating.<br>Soil, 2nd rate, loose, sandy, dry.<br>Greasewood, few mesquite and paloverde trees.   |
| 40.00   | N. 89°58' E. on a random line bet. secs. 2 & 11.<br>Set temp. ¼ sec. cor.   |
| 79.92   | Intersect cor. of secs. 1, 2, 11 & 12, hereinbefore described, whence I run,<br>S. 89°58' W. on a true line bet. secs. 2 & 11.<br>Over gently rolling land, through dense brush.  |
| 31.10   | Wash, 25 lks. wide, course S.   |
| 39.96   | Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1914 on S. rim, ¼ S 2 in N., and<br>S 11 in S. half, Pits impracticable,<br>raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.   |
| 78.80   | Wash, 15 lks. wide, course SW.  |
| 79.92   | To cor. of secs. 2, 3, 10 & 11.<br>Land, rolling. Soil, 2nd rate, sandy, dry, gravelly.<br>Greasewood, sage brush, few mesquite and paloverde trees.  |
| 37.60   | N. 0° 1' W. on a true line, bet. secs. 2 and 3.<br>Over gently rolling land, asc. slightly, dense brush.<br>Wash, 20 lks. wide, course SSW.   |
| 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, 1914 on S. rim, ¼ S 3 in W., and<br>S 2 in E. half, Pits impracticable,<br>raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  |
| 55.60   | Wash, 20 lks. wide, course SW.  |
| 80.97   | Intersect Gila & Salt River Base Line 5.23 chs. E. of Std. cor. of secs. 34 & 35, T. 1 N., R. 8 W., established by me as described in book "C" book. At point of intersection,<br>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 2 & 3, marked on brass cap, 1914 on S. rim,<br>C C, S. of centre,<br>T 1 N R 8 W, S 34, S 35, in N. half,<br>S 2 in SE., and<br>S 3 in SW. quad.; Pits impracticable.<br>raise a mound of stone 2 ft. base, 1½ ft. high S. of cor.<br>Land, rolling.<br>Soil, 2nd & 3rd rate, sandy, gravelly, dry.<br>Greasewood, sage brush. |
| Note:   | At this cor., at noon, I set off 0°09' N. on the decl. arc, and observe the sun on the meridian.<br>The resulting lat. is 33°22' N.<br>( March 21, 1914, to be cont.)   |

Subdivision of T. 1 S., R. 8 W.

|         |  |
|---------|--|
| Chains. | March 20, 1914.  |
|         | At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,          |
|         | on the S. bdy. of the Tp., established by me, and                |
|         | as described in book "A."  |
|         | I set off 0°18'S. on the decl. arc, and 33°17½'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, through scattering brush.                     |
| 15.80   | Road, brs. WNW. & ESE.   |
| 20.00   | Asc.   |
| 32.00   | Knoll, brs. E. & W., desc.                                       |
| 34.00   | Foot, brs. E. & 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 33 in W., and  |
|         | S 34 in E. half, 1914 on S. rim;                                 |
|         | dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and          |
|         | raise a mound of earth 3½ 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. 27, 28, 33 & 34, marked on          |
|         | brass cap, 1914 on S. rim,                                       |
|         | T 1 S R 8 W, in N. half,   |
|         | S 28 in NW.,   |
|         | S 27 in NE.,   |
|         | S 34 in SE., and   |
|         | S 33 in SW. quad.; from which,                                   |
|         | A mesquite tree 24 ins. diam. brs. N. 20° E. 102 lks. dist.,     |
|         | marked T 1 S R 8 W S 27 B T.                                     |
|         | A mesquite tree 24 ins. diam. brs. N. 74° W. 208 lks. dist.,     |
|         | marked T 1 S R 8 W S 28 B T.                                     |
|         | A mesquite tree 14 ins. diam. brs. S. 38° E. 148 lks. dist.,     |
|         | marked T 1 S R 8 W S 34 B T.                                     |
|         | A mesquite tree 8 ins. diam. brs. S. 69¼° W. 248 lks. dist.,     |
|         | marked T 1 S R 8 W S 33 B T.                                     |
|         | Land, gently rolling. Soil, 2nd rate, sandy, gravelly.           |
|         | Greasewood, mesquite, paloverde, sage brush.                     |
|         | <hr/>  |
|         | East, on a random line bet. secs. 27 & 34.                       |
| 40.00   | Set temp. ¼ sec. cor.  |
| 80.00   | Intersect cor. of secs. 26, 27, 34 & 35, hereinbefore described, |
|         | whence I run,  |
|         | West, on a true line bet. secs. 27 & 34                          |
|         | Over level land, through scattering brush.                       |
| 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 27 in N., and  |
|         | S 34 in S. half, 1914 on S. rim,                                 |
|         | dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and          |
|         | raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.       |
| 74.00   | Enter clump of heavy mesquite.                                   |
| 80.00   | To cor. of secs. 27, 28, 33 & 34.                                |
|         | Land, level. Soil, 2nd rate, gravelly, dry, sandy.               |
|         | Greasewood, sage brush, mesquite.                                |
|         | <hr/>  |
|         | N. 0° 2' W. bet. secs. 27 & 28.                                  |
|         | Over level land, through scattering brush.                       |
| 34.60   | Wash, 30 lks. wide, course NE.                                   |
| 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, 1914 on S. rim;                                 |
|         | dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and          |
|         | raise amount of earth 3½ 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, 1914 on S. rim,                                       |
|         | T 1 S R 8 W, in N. half,   |
|         | S 21 in NW., S 22 in NE.,  |
|         | S 27 in SE., and S 28 in SW. quad.;                              |
|         | dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and            |
|         | raise a mound of earth 4 ft. base 2 ft. high W. of cor.          |

1D

Subdivision of T. 1 S., R. 8 W.

Chains.

Land, level, gently rolling. Soil, 2nd rate, loose, dry.  
Greasewood, sage brush, few mesquites.

- East, on a random line bet. secs. 22 & 27.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. & S. line 5 lks. S. of cor. of secs. 22, 23,  
26 & 27. ~~hereinbefore~~ described, whence I run,  
S.  $89^{\circ}58'$  W. on a true line bet. secs. 22 & 27.  
Over gently undulating plain, through dense brush.  
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 22 in N., and  
S 27 in S. half, 1914 on S. rim;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
58.33 Wash, 20 lks. wide, course NNE.  
62.50 Wash, 20 lks. wide, course NNE.  
80.04 To cor. of secs. 21, 22, 27 & 28.  
Land, level, Soil, 2nd rate, sandy, gravelly, dry.  
Greasewood, sage brush, few cacti.

- N.  $0^{\circ}2'$  W. bet. secs. 21 & 22.  
Over gently undulating plain, through scattering brush.  
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 21 in W., and  
S 22 in E. half, 1914 on S. rim;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 15, 16, 21 & 22, marked on  
brass cap, 1914 on S. rim,  
T 1 S R 8 W, in N. half,  
S 16 in NW.,  
S 15 in NE.,  
S 22 in SE., and  
S 21 in SW. quad.;  
dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
Land, level, gently undulating.  
Soil, 2nd rate, sandy, gravelly, dry.  
Greasewood, cacti, sage brush.

- N.  $89^{\circ}58'$  E. on a random line bet. secs. 15 & 22.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. & S. line 5 lks. N. of cor. of secs. 14, 15,  
22 & 23 ~~hereinbefore~~ described, whence I run,  
West, on a true line bet. secs. 15 & 22.  
Over level land, through low, dense brush.  
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 15 in N., and  
S 22 in S. half, 1914 on S. rim;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
80.04 To cor. of secs. 15, 16, 21 & 22.  
Land, level, gently rolling.  
Soil, 2nd rate, gravelly dry.  
Greasewood, sage brush, cacti.

Note At this cor., at noon, I set off  $0^{\circ}14\frac{1}{2}'$  S. on the decl.  
arc, and observe the sun on the meridian.  
The resulting lat. is  $33^{\circ}20'$  N.

Chains. N. 0° 2' W. bet. secs. 15 & 16.  
 Over gently rolling land, through scattering brush.  
 12.83 Windmill brs. N. 52°46' E.,  
 20.00 Enter dense mesquite, brs. E. & W.  
 25.00 Leave mesquite, draw, 2 chs. wide, course 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 16 in W., and  
 $\frac{1}{4}$  S 15 in E. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 9, 10, 15 & 16, marked on  
 brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 9 in NW., S 10 in NE.,  
 S 15 in SE., and S 16 in SW. quad.; from which,  
 A paloverde tree 9 ins. diam. brs. N. 52 $\frac{1}{2}$ ° W. 69 lks. dist.,  
 marked T 1 S R 8 W S 9 B T.  
 A paloverde tree 9 ins. diam. brs. N. 81 $\frac{1}{4}$ ° E. 39 lks. dist.,  
 marked T 1 S R 8 W S 10 B T.  
 A paloverde tree 9 ins. diam. brs. S. 9 $\frac{1}{2}$ ° E. 75 lks. dist.,  
 marked T 1 S R 8 W S 15 B T.  
 A paloverde tree 8 ins. diam. brs. S. 8 $\frac{1}{4}$ ° W. 63 lks. dist.,  
 marked T 1 S R 8 W S 16 B T.  
 Land, level. Soil, 2nd rate, sandy, loose. dry.  
 Greasewood, mesquite, paloverde.

East, on a random line bet. secs. 10 & 15.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect N. & S. line at cor. of secs. 10, 11, 14 & 15,  
 whence I run,  
 West, on a true line bet. secs. 10 & 15.  
 Over rolling or level land, through dense brush.  
 31.60 Wash, 20 lks. wide, course SE.  
 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 10 in N., and  
 $\frac{1}{4}$  S 15 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 45.15 Road, brs. NW. & SE.  
 55.00 Series of sand dunes, brs. WNW. & ESE.  
 76.50 Enter Centennial Wash, course SE.  
 79.16 Leave wash.  
 80.06 To cor. of secs. 9, 10, 15 & 16.  
 Land, level, gently rolling. Soil, 2nd rate, sandy.  
 Greasewood, sage brush, heavy mesquite in wash.  
 March 20, 1914.

March 21, 1914, continued.  
 N. 0° 2' W. bet. secs. 9 & 10.  
 Over rolling land, through dense brush.  
 2.40 Centennial Wash, 3 chs. wide, course SE.  
 20.30 Wash, 50 lks. wide, course SE., sand dunes to N. & S.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 9 in W., and  
 $\frac{1}{4}$  S 10 in E. half, 1914 on S. rim;  
 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.  
 66.00 Road, brs. E. & W.  
 74.00 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. 3, 4, 9 & 10, marked on  
 brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 4 in NW., S 3 in NE.,  
 S 10 in SE. and S 9 in SW. quad. Pits imprac.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, level, rolling. Soil, 2nd rate, sandy, gravelly.  
 Greasewood, sage brush, mesquite in washes.

12

Subdivision of T. 1 S., R. 8 W.

Chains.

East, on a random line bet. secs. 3 & 10.

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

80.04 Intersect N. & S. line 2 lks. N. of cor. of secs. 2, 3, 10 & 11, hereinbefore described, whence I run, N.  $89^{\circ}59'$  W. on a true line bet. secs. 3 & 10. Over rolling land, drains S., through dense brush.

22.00 Wash, 30 lks. wide, course SSW.

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 3 in N., and S 10 in S. half, 1914 on S. rim; from which, An ironwood tree 20 ins. diam. brs. N.  $65^{\circ}$  E. 185 lks. dist., marked  $\frac{1}{4}$  S 3 B T. An ironwood tree 18 ins. diam. brs. S.  $14^{\circ}$  E. 412 lks. dist., marked  $\frac{1}{4}$  S 10 B T.

73.40 Wash, 30 lks. wide, course S.

80.04 To cor. of secs. 3, 4, 9 & 10. Land, rolling. Soil, 2nd rate, gravelly, dry. Greasewood, ironwood, paloverde, sage brush.

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N.  $0^{\circ} 2'$  W. on a true line, bet. secs. 3 and 4. Over gently rolling land, through dense low brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 4 in W., and S 3 in E. half, 1914 on S. rim; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

80.94 Intersect Gila & Salt River Base Line 5.25 chs. E. of Std. cor. of secs. 33 & 34, T 1 N., R. 8 W., established by me 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. 3 & 4, marked on brass cap, 1914 on S. rim, C C, S. of centre, T 1 N R 8 W, S 33, S 34, in N. half; S 3 in SE., and S 4 in SW. quad.; Pits impracticable. Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high S. of cor. Land, rolling. Soil, 2nd rate, sandy, gravelly, stony in places. Greasewood, cacti, sage brush.

March 21, 1914.

Chains. March 24, 1914.  
 At 7h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33,  
 on the S. bdy. of the Tp., established by me, as  
 described in book "A",  
 I set off  $1^{\circ}16\frac{1}{2}'$  N. on the decl. arc, and  $33^{\circ}17\frac{1}{2}'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N.  $0^{\circ}2'$  W. bet. secs. 32 & 33.  
 Over rolling land, through dense low brush.

15.00 Knoll, brs. E. & W.  
 35.00 Knoll, brs. E. & W.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 32 in W., and  
 S 33 in E. half, 1914 on S. rim; from which,  
 A mesquite tree 5 ins. diam. brs. S.  $83^{\circ}$  E. 102 lks. dist.,  
 marked  $\frac{1}{4}$  S 33 B T.  
 A mesquite tree 6 ins. diam. brs. S.  $21\frac{3}{4}^{\circ}$  W. 32 lks. dist.,  
 marked  $\frac{1}{4}$  S 32 B T.

53.00 Old road, brs. NW. & SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 28, 29, 32 & 33, marked on  
 brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 29 in NW.,  
 S 28 in NE.,  
 S 33 in SE., and  
 S 32 in SW. quad.;

dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
 Land, rolling. Soil, 2nd rate, gravelly, dry.  
 Greasewood, sage brush, few cacti.

East, on a random line bet. secs. 28 & 33.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. & S. line 2 lks. S. of cor. of secs. 27, 28,  
 33 & 34, hereinbefore described, whence I run,  
 S.  $89^{\circ}59'$  W. on a true line bet. secs. 28 & 33.  
 Over gently rolling land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 28 in N., and  
 S 33 in S. half, 1914 on S. rim;  
 dig pits  $18 \times 18 \times 12$  ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

80.00 To cor. of secs. 28, 29, 32 & 33.  
 Land, level, gently rolling.  
 Soil, 2nd rate, sandy, gravelly, dry.  
 Greasewood, sage brush, few cacti.

N.  $0^{\circ}2'$  W. bet. secs. 28 & 29.  
 Over gently undulating land, through scattering brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap, 1914 on  
 S. rim,  $\frac{1}{4}$  S 29 in W., and  
 S 28 in E. half, pits impracticable.  
 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. 20, 21, 28 & 29, marked on  
 brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 20 in NW.,  
 S 21 in NE.,  
 S 28 in SE., and  
 S 29 in SW. quad.;

dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land, level. Soil, 2nd rate, gravelly, sandy, dry.  
 Greasewood, sage brush, few cacti and mesquites.

## Chains.

- N.  $89^{\circ}59'$  E. on a random line bet. secs. 21 & 28.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. & S. line  $2\frac{1}{2}$  lks. N. of cor. of secs. 21, 22, 27 & 28, hereinbefore described, whence I run, West, on a true line bet. secs. 21 & 28.  
 Over level plain, through low dense brush.  
 39.99 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 21 in N., and  
 S 28 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.98 To cor. of secs. 20, 21, 28 & 29.  
 Land, level. Soil, 2nd rate, sandy, loamy, dry.  
 Greasewood, sage brush, few cacti.
- 
- N.  $0^{\circ} 2'$  W. bet. secs. 20 & 21.  
 Over gently undulating plain, through dense low brush.  
 21.00 Draw, 2 chs. wide, course NE.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 20 in W., and  
 S 21 in E. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 16, 17, 20 & 21, marked on brass cap, 1914 on S. rim,  
 T 1 S R 8 W, in N. half,  
 S 17 in NW.,  
 S 16 in NE.,  
 S 21 in SE., and  
 S 20 in SW. quad.;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
 Land, level.  
 Soil, 2nd rate, loamy, dry.  
 Greasewood, sage brush, few scattering mesquites.
- 
- East, on a random line bet. secs. 16 & 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of secs. 15, 16, 21 & 22, hereinbefore described, whence I run, S.  $89^{\circ}59'$  W. on a true line bet. secs. 16 & 21.  
 Over gently undulating plain, through dense low brush.  
 14.00 Draw, 2 chs. wide, course NE.  
 39.99 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 16 in N., and  
 S 21 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
 N. of cor. No bearings available.  
 79.98 To cor. of secs. 16, 17, 20 & 21.  
 Land, level, gently undulating.  
 Soil, 2nd rate, gravelly, loamy, dry.  
 Greasewood, sage brush, few cacti.
- Note: At this cor., at noon, I set off  $1^{\circ}20'$  N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $33^{\circ}20'$  N.



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| Chains. | N. $0^{\circ} 2'$ W. bet. secs. 16 & 17.<br>Over level plain, through dense brush.  |
| 40.00   | Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 17 in W., and S 16 in E. half, 1914 on S. rim, from which,<br>A mesquite tree 12 ins. diam. brs. S. $8\frac{1}{2}^{\circ}$ E. 50 lks. dist., marked $\frac{1}{4}$ S 16 B T.<br>A mesquite tree 10 ins. diam. brs. S. $52^{\circ}$ W. 56 lks. dist., marked $\frac{1}{4}$ S 17 B T.  |
| 80.00   | Point for cor. of secs. 8, 9, 16 & 17, falls in wash, 60 lks. wide, course ESE.; therefore I continue N. $0^{\circ} 2'$ W. & set  |
| 81.00   | Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for witness cor. to cor. of secs. 8, 9, 16 & 17, marked on brass cap, 1914 on S. rim,<br>W C, N. of centre,<br>T 1 S R 8 W, in N. half,<br>S 8 in NW.,<br>S 9 in NE.,<br>S 16 in SE., and<br>S 17 in SW. quad.; from which,<br>A mesquite tree 20 ins. diam. brs. S. $30\frac{1}{2}^{\circ}$ W. 93 lks. dist., marked T 1 S R 8 W S 17 W C B T.<br>A mesquite tree 15 ins. diam. brs. S. $44^{\circ}$ E. 110 lks. dist., marked T 1 S R 8 W S 16 W C B T.<br>No other trees available.<br>dig pits 18x18x12 ins. in each quad. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, 2nd rate, sandy, loamy, loose.<br>Greasewood, sage brush, mesquite, few cacti. |
|         | From cor. point in wash, I run,<br>N. $89^{\circ} 59'$ E. on a random line bet. secs. 9 & 16.   |
| 40.00   | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.00   | Intersect N. & S. line $2\frac{1}{4}$ lks. S. of cor. of secs. 9, 10 15 & 16, hereinbefore described, whence I run,<br>S. $89^{\circ} 58'$ W. on a true line bet. secs. 9 & 16.   |
| 40.00   | Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 9 in N., and S 16 in S. half, 1914 on S. rim;<br>dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{4}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.   |
| 62.10   | Wash, 60 lks. wide, course ENE.   |
| 80.00   | To cor. point of secs. 8, 9, 16 & 17. in wash, course ESE.<br>Land, level. Soil, 2nd rate, sandy.<br>Mesquite, greasewood, sage brush, paloverde.   |
|         | From the cor. point of secs. 8, 9, 16 & 17, I run, N. $0^{\circ} 2'$ W., bet. secs. 8 & 9, Over gently falling land, thru dense brush.  |
| 1.00    | Witness corner to cor. of secs. 8, 9, 16 and 17.  |
| 29.70   | Wash, 25 lks. wide, course NE.  |
| 40.00   | Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in W., and S 9 in E. half, 1914 on S. rim;<br>dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{4}$ ft. base, $1\frac{1}{4}$ ft. high W. of cor. windmill at Volcanic Well, brs. N. $17^{\circ}$ W., no other water to west of this point for 25 miles.   |
| 57.70   | Wash, 40 lks. wide, course E.   |
| 58.20   | Centennial Wash, 150 lks. wide, course SE.  |
| 70.15   | Windmill brs. West, about 8 chs. dist.<br>Road, 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. 4, 5, 8 & 9, marked on brass cap,  |

Chains.

1914 on S. rim,  
T 1 S R 8 W, in N. half,  
S 5 in NW.,  
S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quad.;

dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
Land, gently rolling.  
Soil, 2nd rate, sandy, loose, dry.  
Greasewood, sage brush, heavy mesquite in Centennial Wash.

40.00 N. 89°58' E. on a random line bet. secs. 4 & 9.  
Set temp. 1/4 sec. cor.  
79.98 Intersect N. & S. line 5 lks. N. of cor. of  
secs. 3, 4, 9 & 10, hereinbefore described, whence I run,  
west, on a true line bet. secs. 4 & 9.  
Over rolling land, through scattering brush.

10.50 Road, brs. WNW. & ESE.  
39.99 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 4 in N., and  
S 9 in S. half, 1914 on S. rim;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.  
from which;  
A mesquite tree 8 ins. diam. brs. S. 89°E. 132 lks. dist.,  
marked 1/4 S 9 B T.  
No other trees available.

76.60 Wagon trail, brs. NNE. & SSW.  
79.98 To cor. of secs. 4, 5, 8 & 9.  
Land, level, gently rolling.  
Soil, 2nd rate, sandy, gravelly, dry.  
Greasewood, sage brush, few mesquites and paloverde trees.

40.00 N. 0° 2' W. on a true line, bet. secs. 4 and 5.  
Over level plain, through scattering brush.  
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 5 in W., and  
S 4 in E. half, 1914 on S. rim;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

45.00 Draw, 5 chs. wide, course SW.  
78.00 Road, brs. NW. & SE., Mullen's Well to Harrisburg.  
80.90 Intersect Gila & Salt River Base Line 5.24 chs. East of  
Std. cor. of secs. 32 & 33, T. 1 N., R. 8 W, established  
by meas. 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  
brass cap, 1914 on S. rim,  
C C, S. of centre,  
T 1 N R 8 W S 32, S 33, in N. half,  
S 4 in SE., and  
S 5 in SW. quad.; no-bearings available;  
dig pits 24x18x12 ins. crosswise on each line,  
E. & W. 3 ft., and S. of cor. 7 ft. dist., and  
raise a mound of earth 4 ft. base 2 ft. high S. of cor.  
Land, gently rolling, level.  
Soil, 2nd rate, sandy, dry, loose.  
Greasewood, sage brush. March 24, 1914.

Chains.

March 25, 1914.

At 8h a.m., k.m.t., at the cor. of secs. 5, 6, 31 & 32, on the S. bdy. of the Tp., hereinafter established by me, as described in book "A",

I set off 1°40' N. on the decl. arc, and 33°17½' 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 scattering brush.

1.00 Knoll, brs. WNW. & ESE.

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,

† S 31 in W., and

S 32 in E. half, 1914 on S. rim;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.

48.00 Dim 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. 29, 30, 31 & 32, marked on brass cap, 1914 on S. rim,

T 1 S R 8 W, in N. half,

S 30 in NW.,

S 29 in NE.,

S 32 in SE., and

S 31 in SW. quad.; no bearings available.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of stone covered with earth 4 ft. base 2 ft. high W. of cor.

Land, level, rolling. Soil, 2nd rate, gravelly, dry. Greasewood, sage brush, few cacti.

East, on a random line bet. secs. 29 & 32.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. & S. line 2¼ lks. S. of cor. of secs. 28, 29, 32 & 33, hereinbefore described, whence I run,

S. 89°59' W. on a true line bet. secs. 29 & 32.

Over gently undulating land, through scattering brush.

40.01 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

† S 29 in N., and

S 32 in S. half, 1914 on S. rim;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

72.40 Road, brs. NW. & SE.

80.02 To cor. of secs. 29, 30, 31 & 32.

Land, level, gently undulating. Soil, 2nd rate, gravelly. Greasewood, sage brush, sparse grass in places.

West, on a random line bet. secs. 30 & 31.

40.00 Set temp. ¼ sec. cor.

78.05 Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 25, 30, 31 & 36, hereinbefore established by me, as described in book "A", whence I run,

S. 89°58' E. on a true line bet. secs. 30 & 31.

Over gently undulating plain, through scattering brush.

38.05 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

† S 30 in N., and

S 31 in S. half, 1914 on S. rim;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

78.05 To cor. of secs. 29, 30, 31 & 32.

Land, level, gently rolling.

Soil, 2nd rate, sandy, gravelly, dry.

Greasewood, sage brush, few mesquite and paloverde trees.

## Chains.

- N.  $0^{\circ} 3'$  W. bet. secs. 29 & 30.  
Over gently rolling land, through dense brush.
- 10.50 Road, brs. NW. & SE.  
31.80 Wash, 20 lks. wide, course E., asc. gradually.  
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, 1914 on S. rim;  $\uparrow$  S 30 in W., and S 29 in E. half; pits impracticable.  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 50.00 Asc. steep SE. slope of volcanic hill.  
75.00 Top of rise, on prec. E. side of rocky volcanic hill, thence along prec. E. slope.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam. on bed rock, in mound of stone for cor. of secs. 19, 20, 29 & 30, marked on brass cap, 1914 on S. rim, T 1 S R 8 W, in N. half, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; Pits impracticable,  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling, mts.  
Soil, 3rd rate, gravelly, dry, stony.  
Greasewood, sage brush, few cacti.
- Note: At this cor., at noon, I set off  $1^{\circ} 43\frac{1}{2}'$  N. on the decl. arc, and observé the sun on the meridian.  
The resulting lat. is  $33^{\circ} 19' N.$
- 
- N.  $89^{\circ} 59'$  E. on a random line bet. secs. 20 & 29.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. & S. line 2 lks. N. of cor. of secs. 20, 21, 28 & 29, hereinbefore described, whence I run, West, on a true line bet. secs. 20 & 29.  
Over rolling land, through dense brush.  
21.10 Wash, 30 lks. wide, course NE.  
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,  $\uparrow$  S 20 in N., and S 29 in S. half, 1914 on S. rim;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 40.00 Asc.  
60.00 Asc. prec. E. slope.  
80.04 To cor. of secs. 19, 20, 29 & 30.  
Land, level, mts.  
Soil, 2nd rate, gravelly, stony, dry.  
Greasewood, sage brush, few cacti and mesquites.
- 
- N.  $89^{\circ} 58'$  W. on a random line bet. secs. 19 & 30.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
78.00 Intersect cor. of secs. 19, 24, 25 & 30, on W. bdy. of Tp., recently established by me, as described in book "A", whence I run,  
S.  $89^{\circ} 58'$  E., on a true line bet. secs. 19 & 30.  
Over rolling land, through dense brush.  
8.40 Road, brs. NE. & SW.  
25.00 Dim road, brs. NNW. & SSE., asc.  
38.00 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,  $\uparrow$  S 19 in N., and S 30 in S. half, 1914 on S. rim;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of stone covered with earth 4 ft. base, 2 ft. high N. of cor. No bearings available. Asc. prec.
- 64.00 Top of high volcanic hill, brs. N. & S., desc. prec.  
78.00 To cor. of secs. 19, 20, 29 & 30.  
Land, rolling, mts. Soil, 2nd rate, gravelly, stony, dry.  
Greasewood, sage brush, few cacti.

Chains.

N. 0° 3' w. bet. secs. 19 & 20.  
 over mts. land, along prec. E. slope.  
 6.00 Desc. prec. NE. slope.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for 1/4 sec. cor., marked on brass cap, 1914 on  
 S. rim; 1/4 S 19 in W., and  
 S 20 in E. half, pits impracticable.  
 raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
 Desc. grad. from cor.  
 50.00 Foot of main slope, brs. NW. & SE., desc. gently.  
 65.00 Enter valley.  
 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, 1914 on S. rim;  
 T 1 S R 8 W, in N. half,  
 S 18 in NW.,  
 S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quad.;  
 dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
 raise a mound of earth 4 ft. base 2 ft. high w. of cor.  
 Land, mts., rolling.  
 Soil, 3rd rate, stony, gravelly, loose, dry.

East, on a random line bet. secs. 17 & 20.  
 40.00 Set temp. 1/4 sec. cor.  
 80.00 Intersect cor. of secs. 16, 17, 20 & 21, hereinbefore  
 described, whence I run,  
 west, on a true line bet. secs. 17 & 20.  
 over level land, through dense brush.  
 40.01 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for 1/4 sec. cor., marked on brass cap,  
 1/4 S 17 in N., and  
 S 20 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.  
 80.02 To cor. of secs. 17, 18, 19 & 20.  
 Land, level, soil, 2nd rate, loamy, loose, dry.  
 Greasewood, sage brush, scrub mesquite, few cacti.

N. 89° 58' w. on a random line bet. secs. 18 & 19.  
 40.00 Set temp. 1/4 sec. cor.  
 77.90 Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs. 13, 18,  
 19 & 24, established by me, as described in map  
 in book "A", whence I run,  
 East, on a true line bet. secs. 18 & 19.  
 Over mts. land, desc. NE. slope, through dense brush.  
 11.40 Foot, road, brs. NW. & SE., enter valley.  
 37.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for 1/4 sec. cor., marked on brass cap,  
 1/4 S 18 in N., and  
 S 19 in S. half, 1914 on S. rim;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.  
 47.90 Wash, 60 lks. wide, course NE.  
 55.20 Road, brs. NE. & SW.  
 77.90 To cor. of secs. 17, 18, 19 & 20.  
 Land, mts., rolling.  
 Soil, 2nd rate, stony, gravelly, sandy, dry.  
 Greasewood, sage brush, scrub mesquite.  
 March 25, 1914.

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|---------|--|
| Chains. | March 26, 1914.<br>at 8 a.m., i.m.t., at the cor. of secs. 17, 18, 19 & 20,<br>I set off $2^{\circ}03\frac{1}{2}'$ N. on the decl. arc, and $55^{\circ}20'$ N. on<br>the lat. arc, and determine a meridian with the solar.<br>whence I run,<br>N. $0^{\circ} 5'$ W. bet. secs. 17 & 18.<br>Over gently undulating plain, through dense brush.<br>Road, brs. NE. & SW.<br>33.25<br>36.25 wash, 60 lks. wide, course ENE.<br>40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in<br>the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,<br>$\frac{1}{4}$ S 18 in W., and<br>S 17 in E. half, 1914 on S. rim;<br>dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and<br>raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.<br>51.50 Road, brs. E. & W.<br>80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in<br>the ground for cor. of secs. 7, 8, 17 & 18, marked on<br>brass cap, 1914 on S. rim,<br>T 1 S R 8 W, in N. half,<br>S 7 in NW.,<br>S 8 in NE.,<br>S 17 in SE., and<br>S 18 in SW. quad.;<br>dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and<br>raise a mound of earth 4 ft. base 2 ft. high W. of cor.<br>Land, level. Soil, 2nd rate, gravelly, dry.<br>Greasewood, sage brush, mesquite. |
| 40.00   | East, on a random line bet. secs. 8 & 17.<br>Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.02   | Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. point of secs.<br>8, 9, 16 & 17 hereinbefore described, whence I run,<br>S. $89^{\circ}59'$ W. on a true line bet. secs. 8 & 17.<br>Over gently undulating plain, through dense brush. In wash.  |
| 1.50    | Leave wash, junction of washes from WNW. & SW.   |
| 40.01   | Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in<br>the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,<br>$\frac{1}{4}$ S 8 in N., and<br>S 17 in S. half, 1914 on S. rim;<br>dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and<br>raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.  |
| 55.85   | Road, brs. NNE. & SSW.   |
| 80.02   | To cor. of secs. 7, 8, 17 & 18.<br>Land, level, gently rolling.<br>Soil, 2nd rate, sandy, gravelly, loose, loamy.<br>Greasewood, sage brush, scrub mesquite.   |
| 40.00   | West, on a random line bet. secs. 7 & 18.<br>Set temp. $\frac{1}{4}$ sec. cor.   |
| 77.84   | Intersect W. bdy. of Tp. at cor. of secs. 7, 12, 13 & 18,<br>as established by me, as described in book "A", whence I run,<br>East, on a true line bet. secs. 7 & 18.<br>Over level plain, through dense brush.  |
| 22.00   | Wash, 10 lks. wide, course ENE.  |
| 37.84   | Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in<br>the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,<br>$\frac{1}{4}$ S 7 in N., and<br>S 18 in S. half, 1914 on S. rim;<br>dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and<br>raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.  |
| 77.84   | To cor. of secs. 7, 8, 17 & 18.<br>Land, level, gently rolling.<br>Soil, 2nd rate, gravelly, loamy, loose, dry.<br>Greasewood, sage brush, few cacti and scrub mesquite.   |
| 40.00   | N. $0^{\circ} 5'$ W. bet. secs. 7 & 8.<br>Over level land, through dense brush.<br>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in<br>the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,<br>$\frac{1}{4}$ S 7 in W., and  |

Chains.

N. 0° 3' W. bet. secs. 7 & 8.  
 Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 7 in W., and S 8 in E. half, 1914 on S. rim; 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.

44.40 wash, 40 lks. wide, course E.

46.50 wash, 80 lks. wide, course SE.

68.56 Road, 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. 5, 6, 7 & 8, marked on brass cap, 1914 on S. rim, T 1 S R 8 W, in N. half, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in Sw. quad.; dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, 2nd rate, sandy, loamy, dry, loose. Greasewood, sage brush, scrub mesquite, few cacti.

Note: At this cor., at noon, I set off 2° 07' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35° 22' N.

N. 89° 59' E. on a random line bet. secs. 5 & 8.

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

80.06 Intersect N. & S. line 7 lks. N. of cor. of secs. 4, 5, 8 & 9, hereinbefore described, whence I run, N. 89° 58' W. on a true line bet. secs. 5 & 8. Over level land, through scattering brush.

8.00 Wash, 20 lks. wide, course S., enter dense brush, brs. S.

13.50 Wash, 80 lks. wide, course S., main wash.

35.00 Leave draw.

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 5 in N., and S 6 in S. half, 1914 on S. rim; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $5\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

45.25 Road, brs. NW. & SE.

80.06 To cor. of secs. 5, 6, 7 & 8. Land, level. Soil, 2nd rate, sandy, loamy, loose, dry. Greasewood, mesquite, sage brush.

West, on a random line bet. secs. 6 & 7.

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

77.75 Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 1, 6, 7 & 12, established by me, as described in book "A", whence I run, S. 89° 58' E. on a true line bet. secs. 6 & 7. Over level land, through dense brush.

37.75 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 6 in N., and S 7 in S. half, 1914 on S. rim; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $5\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

77.75 To cor. of secs. 5, 6, 7 & 8. Land, level. Soil, 2nd rate, sandy, loamy, loose, dry. Greasewood, sage brush, some scrub mesquite, few cacti.

N. 0° 3' W., on a true line, bet. secs. 5 and 6.

Over level land, through low dense brush.

34.75 Road, brs. NW. & SE.

35.90 Wash, 15 lks. wide, course ENE.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in

Chains.

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, 1914 on S. rim;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 80.90 Intersect Gila & Salt River Base Line 5.26 chs. East of  
 Std. cor. of secs. 31 & 32, T. 1 N., R. 8 W., estab. by  
~~metas 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. 5 & 6, marked on  
 brass cap, 1914 on S. rim,  
 C C, S. of centre,  
 T 1 N R 8 W, S 31, S 32, in N. half,  
 S 5 in SE., and  
 S 6 in SW. quad.; no trees available.  
 Dig pits 24x18x12 ins. crosswise on each line,  
 E. & W. 3 ft., and S. of cor. 7 ft. dist., and  
 raise a mound of earth 4 ft. base 2 ft. high S. of cor.  
 Land, level.  
 Soil, 2nd rate, sandy, loamy.  
 Greasewood, sage brush.

## T. 1 S., R. 8 W.

## General Description.

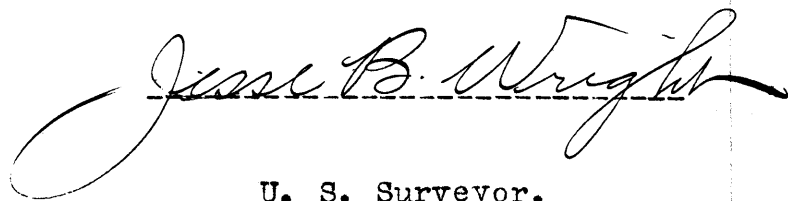
T. 1 S., R. 8 W. lies in a level or gently rolling plain  
 covered in general with dense greasewood, and sage brush,  
 and in the larger draws and washes with heavy growth of  
 mesquite, ironwood and paloverde.

There is no living water in the Tp. The "Flower Pot"  
 Cattle Co. have wells and windmills in secs. 8 and 15,  
 which develop water sufficient for watering stock.

The soil in the Tp. is in general sandy, and dry,  
 in places composed of volcanic ash, and also covered  
 in places with showered volcanic pebbles and boulders.

There are no indications of mineral in the  
 Tp., the only hills in the Tp. being of volcanic origin  
 and non-mineralized.

March 26, 1914.



U. S. Surveyor.



BOOK 2601

# 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 8 West*  
*of the Gila & Salt River Base & Meridian*  
*in the State of Arizona*

executed by *Jesse B. Wright - 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 Angall*  
 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.

\_\_\_\_\_  
U. S. Surveyor General.