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SEP. 30. 1914

Book "L"

BOOK 2802

Subdivisions

# FIELD NOTES

OF THE SURVEY OF ~~PART~~ OF THE

Subdivision Lines of Tp. 1 N., Rg. 8 W.

2802

Of the Gila and Salt River Base & Meridian,

In the State of Arizona

EXECUTED BY

John F. Hease

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 22, 1914

Survey completed " 31 1914

# Book "L"

BOOK 2802

## INDEX DIAGRAM.

Township 1 North, Range 8 West

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Gila & Salt River Base Line

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

Partial Subdivision of Tp. 1 N. Rg. 8 W.

Chains.

Survey commenced March 22, 1914, and executed with a Yby John F. Hesse, U.S. Surveyor under instructions with order of Group 32, Arizona, using a Young and Sons light mountain transit No. 8588, described in book "A" reading to single station of the transit, which is the first point of the transit of the latitude and longitude area.

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 camp which is located near the cor. of secs. 13, 18, 19 and 24 Tps. 1 S. Rgs. 7 and 8 W.; latitude 33° 20' N., longitude 113° 01' 57" W.; I set off 33° 20' N. on the lat. arc; 0° 139' N. on the decl. arc; and, at 5h. 00m. p.m., l.m.t., determine with the solar a meridian and mark a point thereof, on a stone firmly set in the ground, 5 chs. N. of my station.

At 7h. 27m. 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.

March 22, 1914.

March 23, 1914 At 6h. 30' a.m., l.m.t., I lay off the azimuth of Polaris 1° 23' to the east, and mark the meridian thus determined, by cutting a small groove in the stone set March 22, on which the meridian falls 0.3 ins. east of the mark determined by the solar.

At 7h. 00m. a.m., l.m.t., I set off 33° 20' N. on the lat. arc; 0° 53' N. 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 falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for meridians, respectively about 0'.16" west and east of 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 std. cor. of secs. 35 and 36 Tp. 1 N. Rg. 8 W. at 8h. 00m. a.m., is N. 14° 30' W.; the angle thus determined gives the mag. decl. 14° 30' E.

I commence at the standard cor. of secs. 35 & 36, on S. bdy. of Tp. (G. & S. R. Base Line) estab. by Jesse B. Wright, U. S. Surveyor, as described in book "C".

Thence I run

N. 0° 01' W. bet. secs. 35 and 36.

Over rolling, land through dense brush.

37.40 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 1/4 sec. cor., marked on brass cap 1/4 S35 in W. S36 in E. and 1914 in S. half; from which

A paloverde 8 ins. diam., bears N. 58° E. 66 lks. dist., marked 1/4 S36BT.

No other bearing available. Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.

64.00 Ascend through scattering brush.

71.00 Top of E. edge of peak, descend.

76.50 Ascend S. W. slope.

80.00 Point for cor. of secs. 25, 26, 35 and 36 falls on a granite ledge 10 ft. high, 100 ft. long, I mark a cross for exact point for cor. of secs. 25, 26, 35 and 36, with 1 groove on S. and E. of cross; and raise a mound of stone 2 ft. base 1 1/2 ft. high, W. of cor.

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

Chains.

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

- East on a random line bet. secs. 25 and 36.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect E. bdy. of Tp. 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, properly established by Jesse B. Wright U. S. Surveyor, as described in Book "A."  
Thence I run  
S.  $89^{\circ} 55'$  W. on a true line bet. secs. 25 and 36.  
Over rolling land, through dense brush.  
35.00 Cross wash 20 lks. wide course S.  
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  $\frac{1}{4}$ S25 in N. and S36 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
50.85 Cross wash 15 lks. wide course S. and ascend through scattering brush.  
73.20 Along N. slope.  
79.45 Descend.  
80.04 The cor. of secs. 25, 26, 35 and 36.  
Land, rolling and mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and paloverde.  
Note: The line N. from this cor. runs over rough, rocky land, barren and of no value, and extremely difficult to survey, therefore I discontinue my line at this cor.

From the start of the line of secs. 34 & 35, of Subdy. of Tp. (G. & S. R. Base Line) established by Jesse B. Wright U. S. Surveyor, as described in book "G": I run,

- N.  $0^{\circ} 01'$  W. bet. secs. 34 and 35.  
Over rolling land, through dense brush.  
16.00 Cross wash 8 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  $\frac{1}{4}$ S34 in W. S35 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.  
80.00 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  
T1NR8W. 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; and 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.

- East on a random line bet. secs. 26 and 35.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. and S. line 2 lks. S. of the cor. of secs. 25, 26, 35 and 36, marked as hereinbefore described.  
Thence I run  
S.  $89^{\circ} 59'$  W. on a true line bet. secs. 26 and 35.  
Descend steep rocky slope through scattering brush.  
0.80 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

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## Chains.

ground for witness cor. to cor. of secs. 25, 26, 35 & 36,  
marked on brass cap  
WC N. of center;  
T1NR8W 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; and raise a mound of stone 2 ft.  
base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
11.15 Cross wash 25 lks. wide course S. ascend.  
14.50 Cross wash 15 lks. wide course S. E.  
26.00 Ridge bears N. and S. descend.  
35.00 Cross wash 8 lks. wide course S. ascend.  
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  $\frac{1}{4}$  S26 in N.  
and S 35 1914 in S. half; and raise a mound of stone 2 ft.  
base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
42.20 Descend.  
64.50 Cross wash 30 lks. wide course S. and over rolling land,  
through dense brush.  
80.02 The cor. of secs. 26, 27, 34 and 35.  
Land, rolling and mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and paloverde.  
Note: The line N. from this cor. runs over rough, rocky  
land, barren and of no value, and extremely difficult to  
survey, therefore I discontinue my line at this cor.

From std. cor. of secs. 33 & 34, on Subdy. of Tp. (G. & S. R. Base  
Line) established by Jesse B. Wright, U. S. Surveyor, as  
described in book "C", I run,

N.  $0^{\circ} 02'$  W. bet. secs. 33 and 34.  
Over level land, through dense brush.  
18.85 Cross wash 10 lks. wide course S. 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  $\frac{1}{4}$  S33 in W.  
S34 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..  
Thence over rolling land.  
62.40 Cross wash 10 lks. wide course S. W.  
71.80 Cross wash 15 lks. wide course S. 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  
T1NR8W 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; 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, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and paloverde.

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 5 lks. S. of the cor. of secs,  
26, 27, 34 and 35.  
Thence I run  
S.  $89^{\circ} 58'$  W. on a true line bet. secs. 27 and 34.  
Over rolling land, through dense brush,

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8.90 Cross wash 30 lks. wide course S. W.  
 29.20 Cross wash 10 lks. wide course S.  
 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; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 47.45 Cross wash 20 lks. wide course S.  
 72.85 Cross wash 8 lks. wide course S. W..  
 80.04 The cor. of secs. 27, 28, 33 and 34.  
 Land, level.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and paloverde.

March 23, 1914.

1914:

March 24: At 8h. 00m. a.m., l.m.t., I set off  $33^{\circ} 23\frac{1}{2}'$  N. on the lat. arc;  $1^{\circ} 16'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 27, 28, 33 and 34.

Thence I run

N.  $0^{\circ} 02'$  W. bet. secs. 27 and 28.  
 Over rolling land, through dense brush.  
 15.00 Ascend through dense brush.  
 35.50 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  $\frac{1}{4}$ S28 in W. S27 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.  
 45.20 Cross wash 12 lks. wide course S. W. ascend.  
 52.50 Ridge bears E. and W. descend.  
 68.70 Cross wash 15 lks. wide course S. W. ascend.  
 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  
 T1NR8W 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; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, rolling and mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood, paloverde and cholla.

N.  $0^{\circ} 02'$  W. bet. secs. 21 and 22.

Ascend.  
 10.00 Ascend becomes very steep.  
 21.00 Top of high peak, descend.  
 36.00 Cross wash 8 lks. wide course S. E. 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  $\frac{1}{4}$ S21 in W. S22 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.  
 43.50 Ridge bears E. and W. descend.  
 54.60 Cross wash 100 lks. wide course N. W. and over rough rolling land, through dense brush.  
 71.25 Cross wash 15 lks. wide course N. W.  
 77.30 Cross wash 12 lks. wide course W.  
 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  
 T1NR8W in N. and  
 1914 in S. half;

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## Chains.

S16 in N. W.  
 S15 in N. E..  
 S22 in S. E. and  
 S21 in S. W. quadrant; from which  
 A paloverde 9 ins. diam., bears N.  $88\frac{1}{2}^{\circ}$  W. 103  
 lks. dist., marked T1NR8WS16BT.  
 An ironwood 8 ins. diam., bears N.  $38\frac{3}{4}^{\circ}$  E. 190  
 lks. dist., marked T1NR8WS15BT.  
 An ironwood 5 ins. diam., bears S.  $74^{\circ}$  E. 36  
 lks. dist., marked T1NR8WS22BT.  
 A paloverde 6 ins. diam., bears S.  $13\frac{1}{2}^{\circ}$  W. 147  
 lks. dist., marked T1NR8WS21BT.

Land, rolling and mountainous.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, paloverde, ironwood, mesquite  
 and cholla.

Note: March. 24: At this cor. I set off  $1^{\circ} 20'$  N. on the decl.  
 arc; and observe the sun on the meridian at noon; the  
 resulting lat. is  $33^{\circ} 25'$  N.

N.  $0^{\circ} 02'$  W. bet. secs. 15 and 16.  
 Over rolling land, through dense brush.  
 6.65 Cross wash 15 lks. wide course S. W.  
 9.60 Cross same wash course S. E.  
 14.00 Cross same wash course S. 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  $\frac{1}{4}$ S16 in W.  
 S15 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.  
 61.75 Cross wash 100 lks. wide course N. W.  
 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  
 T1NR8W 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; from which  
 A paloverde 6 ins. diam., bears N.  $15\frac{1}{2}^{\circ}$  W. 139  
 lks. dist., marked T1NR8WS9BT.  
 An ironwood 5 ins. diam., bears N.  $52^{\circ}$  E. 51  
 lks. dist., marked T1NR8WS10BT.  
 A paloverde 5 ins. diam., bears S.  $80\frac{1}{4}^{\circ}$  E. 100  
 lks. dist., marked T1NR8WS15BT.  
 An ironwood 6 ins. diam., bears S.  $13\frac{3}{4}^{\circ}$  W. 216  
 lks. dist., marked T1NR8WS16BT.

Land, rolling.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, ironwood and paloverde.

N.  $0^{\circ} 02'$  W. bet. secs. 9 and 10.  
 Over rolling land, through dense brush.  
 14.90 Cross wash 75 lks. wide course N. W.  
 24.70 Cross wash 25 lks. wide course N. W.  
 26.80 Cross wash 40 lks. wide course 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  $\frac{1}{4}$ S9 in W.  
 S10 in E. and 1914 in S. half; from which  
 A paloverde 5 ins. diam., bears N.  $55^{\circ}$  W. 91  
 lks. dist., marked  $\frac{1}{4}$ S9BT.  
 A paloverde 5 ins. diam., bears N.  $25^{\circ}$  E. 103  
 lks. dist., marked  $\frac{1}{4}$ S10BT.  
 49.10 Cross wash 15 lks. wide course S. W.

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64.00 Cross wash 100 lks. wide course N. W.  
 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  
 T1NR8W 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; from which  
 A paloverde 6 ins. diam., bears N.  $45\frac{1}{2}^{\circ}$  W. 262 lks. dist., marked T1NR8WS4BT.  
 A paloverde 6 ins. diam., bears N.  $83\frac{1}{2}^{\circ}$  E. 266 lks. dist., marked T1NR8WS3BT.  
 An ironwood 8 ins. diam., bears S.  $18^{\circ}$  E. 102 lks. dist., marked T1NR8WS10BT.  
 An ironwood 7 ins. diam., bears S.  $77^{\circ}$  W. 104 lks. dist., marked T1NR8WS9BT.  
 Land, rolling.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood, ironwood and paloverde.

40.00 N.  $0^{\circ} 02'$  W. on a random line bet. secs. 3 and 4.  
 80.15 ~~Set temp.  $\frac{1}{4}$  sec. cor.~~ Intersect N. bdy. of Tp. 30 lks. W. of the cor. of secs. 3, 4, 33 and 34, established by Jesse B. Wright, U. S. Surveyor, as described in Book "A."  
 Thence I run  
 S.  $0^{\circ} 11'$  W. on a true line bet. secs. 3 and 4.  
 Over rolling land, through dense brush.  
 40.15 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..  
 53.85 Cross wash 10 lks. wide course N. W.  
 80.15 The cor. of secs. 3, 4, 9 and 10.  
 Land, rolling.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood, paloverde and ironwood.

March 24, 1914.

1914.

March 25: At 8h. 00m. a.m., l.m.t., I set off  $33^{\circ} 22\frac{1}{2}'$  N. on the lat. arc:  $1^{\circ} 40'$  N. on the decl. arc; and determine a meridian with the solar at the standard cor. of secs. 32 and 33, on S. bdy. of Tp. (G. & S. R. Base Line) established by Jesse B. Wright, as described in Book "C."  
 Thence I run  
 N.  $0^{\circ} 02'$  W. bet. secs. 32 and 33.  
 Over level land, through dense brush.  
 3.60 Cross road bears N. W. and S. E.  
 38.40 Cross wash 20 lks. wide course S. 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; from which  
 A paloverde 4 ins. diam., bears N.  $76\frac{3}{4}^{\circ}$  E. 116 lks. dist., marked  $\frac{1}{4}$ S33BT.  
 A paloverde 8 ins. diam., bears S.  $70\frac{3}{4}^{\circ}$  W. 87 lks. dist., marked  $\frac{1}{4}$ S32BT.  
 58.75 Cross wash 25 lks. wide course 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  
 T1NR8W in N. and  
 1914 in S. half;

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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, S. 20.00 chs., fine sandy loam, dry; 1st rate. N. 60.00 chs., rocky and gravelly; 3rd. rate. No timber. Undergrowth, greasewood and paloverde.
	East on a random line bet. secs. 28 and 33. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.10 Intersect N. and S. line at the cor. of secs. 27, 28, 33 and 34. Thence I run. West on a true line bet. secs. 28 and 33. Over rolling, land, through dense brush. 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 $\frac{1}{4}$ S28 in N. and S33 1914 in S. half; from which A paloverde 4 ins. diam., bears N. $74\frac{1}{2}^{\circ}$ E. 271 lks. dist., marked $\frac{1}{4}$ S28BT. A paloverde 4 ins. diam., bears S. $5\frac{1}{4}^{\circ}$ W. 70 lks. dist., marked $\frac{1}{4}$ S33BT. 68.30 Cross wash 20 lks. wide course S. W. 80.10 The cor. of secs. 28, 29, 32 and 33. Land, rolling. Soil, rocky; 4th. rate. No timber. Undergrowth, greasewood and paloverde.
	N. $0^{\circ} 02'$ W. bet. secs. 28 and 29. Over rolling land, through dense brush. 10.00 Ascend rough S. E. slope. 25.40 Ridge bears N. E. and S. W. 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 $\frac{1}{4}$ S29 in W. S28 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. 41.25 Cross wash 6 lks. wide course W. ascend. 50.00 Top of peak about 1.50 chs. W. descend. 58.30 Cross wash 12 lks. wide course N. W. and over rolling land. 72.20 Cross wash 15 lks. wide course W. 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 T1NRSW 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, rolling and mountainous. Soil, rocky; 4th. rate. No timber. Undergrowth, greasewood and paloverde.
Note:	March 25: At this cor. I set off $1^{\circ} 43\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 24\frac{1}{2}'$ N.

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

## Chains.

East on a random line bet. secs. 21 and 28.  
 40.00 Set temp. sec. cor.  
 80.14 Intersect N. and S. line 2 lks. S. of the cor. of secs. 21, 22, 27 and 28,  
 Thence I run  
 S. 89° 59' W. on a true line bet. secs. 21 and 28.  
 Ascend through scattering brush.  
 2.00 Descend S. W. slope.  
 24.50 Cross wash 25 lks. wide course S. W. and over rolling land through dense brush.  
 34.15 Cross same wash course N. W.  
 36.65 Cross same wash course S. W.  
 39.60 Cross same wash course N. W.  
 40.07 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.  
 44.40 Cross same wash Course S. W.  
 51.85 Cross same wash course N. W.  
 54.90 Cross same wash course S. W.  
 80.14 The cor. of secs. 20, 21, 28 and 29.  
 Land, rolling and mountainous.  
 Soil, rocky 4th. rate.  
 No timber.  
 Undergrowth, greasewood and paloverde.

N. 0° 02' W. bet. secs. 20 and 21.  
 Over rolling land, through dense brush.  
 1.80 Cross wash 6 lks. wide course S. 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  $\frac{1}{4}$ S20 in W. S21 in E. and 1914 in S. half; from which  
 An ironwood 5 ins. diam., bears S. 85 $\frac{3}{4}$ ° E. 25 lks. dist., marked  $\frac{1}{4}$ S21BT.  
 A paloverde 8 ins. diam., bears S. 43 $\frac{1}{2}$ ° W. 84 lks. dist., marked  $\frac{1}{4}$ S20BT.  
 42.60 Cross wash 25 lks. wide course S. W.  
 59.80 Cross wash 12 lks. wide course S. W..  
 68.60 Cross wash 100 lks. wide course W.  
 73.70 Cross wash 10 lks. wide course S. W.  
 80.00 Set an iron post 3 ft. long, 2 in. diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap  
 T1NR8W 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; from which  
 An ironwood 5 ins. diam., bears N. 32 $\frac{3}{4}$ ° W. 108 lks. dist., marked T1NR8WS17BT.  
 An ironwood 8 ins. diam., bears S. 56 $\frac{1}{2}$ ° E. 206 lks. dist., marked T1NR8WS21BT.  
 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, sandy mixed with gravel and rocks; 3rd. rate.  
 No timber.  
 Undergrowth, greasewood, ironwood and paloverde.

March 25, 1914.

1914:

March 29: At 8h. 00m. a.m., l.m.t., I set off 33° 25' N. on the lat. arc; 3° 14' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21

## Partial . Subdivision of Tp. 1 N. Rg. 8 W.

BOOK 2802

## Chains.

- Thence I run  
N.  $89^{\circ} 59'$  E. on a random line bet. secs. 16 and 21.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.16 Intersect N. and S. line 3 lks. N. of the cor. of secs. 15, 16, 21 and 22.
- Thence I run  
West on a true line bet. secs. 16 and 21.  
Over rolling land, through dense brush.
- 21.25 Cross wash 30 lks. wide course S. W.  
21.55 Cross wash 10 lks. wide course S. W..  
26.50 Cross wash 30 lks. wide course N. W.  
33.15 Cross wash 40 lks. wide course N. W.  
38.85 Cross wash 40 lks. wide course S. W.  
40.08 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; from which  
A paloverde 10 ins. diam., bears N.  $54\frac{1}{2}^{\circ}$  W. 61 lks. dist., marked  $\frac{1}{4}$ S16BT.  
An ironwood 12 ins. diam., bears S.  $12\frac{1}{2}^{\circ}$  W. 91 lks. dist., marked  $\frac{1}{4}$ S21BT.
- 80.16 The cor. of secs. 16, 17, 20 and 21.  
Land, rolling.  
Soil, sandy, mixed with gravel and rocks; 3rd. rate.  
No timber.  
Undergrowth, greasewood, ironwood and paloverde.
- 
- N.  $0^{\circ} 02'$  W. bet. secs. 16 and 17.  
Over nearly level land, through dense brush.
- 12.40 Cross wash 15 lks. wide course N. W..  
22.70 Cross wash 15 lks. wide course W..  
30.00 Cross wash 10 lks. wide course 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  $\frac{1}{4}$ S17 in W. S16 in E. and 1914 in S. half; from which  
A paloverde 8 ins. diam., bears N.  $15\frac{3}{4}^{\circ}$  W. 104 lks. dist., marked  $\frac{1}{4}$ S17BT.  
A paloverde 8 ins. diam., bears N.  $42\frac{1}{2}^{\circ}$  E. 142 lks. dist., marked  $\frac{1}{4}$ S16BT.
- 41.00 Cross wash 10 lks. wide course S. W.  
52.60 Cross wash 25 lks. wide course W.  
73.00 Cross wash 8 lks. wide course E. W.  
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  
T1NR8W 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, nearly level.  
Soil, sand mixed with rocks and gravel; 3rd. rate.  
No timber.  
Undergrowth, greasewood, ironwood and paloverde.
- 
- East on a random line bet. secs. 9 and 16.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.20 Intersect N. and S. line 7 lks. N. of the cor. of secs. 9, 10, 15 and 16, thence I run  
N.  $89^{\circ} 57'$  W. on a true line bet. secs. 9 and 16  
Over rolling land, through dense brush.
- 28.00 Cross wash 8 lks. wide course N. W.  
39.00 Cross wash 100 lks. wide course N. W.  
40.10 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  $\frac{1}{4}$ S9 in N.

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

## Chains.

- and S16 1914 in S. half; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable..
- 80.20 The cor. of secs. 8, 9, 16 and 17..  
Land, rolling.  
Soil, sand mixed with rocks and gravel; 4th. rate.  
No timber.  
Undergrowth, greasewood, paloverde and ironwood.
- Note: March 29: At this cor. I set off  $3^{\circ} 17\frac{1}{2}'$  N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 26'$  N.

- N.  $0^{\circ} 02'$  W. bet. secs. 8 and 9.  
Over rolling land, through dense brush.
- 4.70 Cross wash 25 lks. wide course W.
- 21.40 Cross wash 8 lks. wide course W.
- 29.10 Cross wash 8 lks. wide course S. 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  $\frac{1}{4}$ S8 in W. S9 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.
- 44.10 Cross wash 10 lks. wide course W.
- 55.30 Cross wash 12 lks. wide course N. W.
- 66.00 Cross wash 8 lks. wide course W.
- 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  
T1NR8W 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. base 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sand mixed with gravel and rocks; 4th. rate.  
No timber.  
Undergrowth, greasewood, ironwood and paloverde.

- S.  $89^{\circ} 57'$  E. on a random line bet. secs. 4 and 9.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.16 Intersect N. and S. line 9 lks. S. of the cor. of secs. 3, 4, 9 and 10,  
Thence I run  
S.  $89^{\circ} 59'$  W. on a true line bet. secs. 4 and 9.  
Over rolling land, through dense brush.
- 8.15 Cross wash 8 lks. wide course N. W..
- 25.45 Cross wash 40 lks. wide course N. W.
- 40.08 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; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 65.00 Cross wash 6 lks. wide course N. W.
- 80.16 The cor. of secs. 4, 5, 8 and 9.  
Land, rolling.  
Soil, sandy mixed with rocks and gravel; 4th. rate.  
No timber.  
Undergrowth, greasewood, ironwood and paloverde.

- N.  $0^{\circ} 02'$  W. on a random line bet. secs. 4 and 5.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.07 Intersect N. bdy. of Tp. 45 lks. W. of the cor. of secs. 4, 5, 32 and 33, reasonably established by Jesse B. Wright, U. S. Surveyor, as described in Book "A."

## Partial . Subdivision of Tp. 1 N. Rg. 8 W.

Chains.

- Thence I run  
S.  $0^{\circ} 17'$  W. on a true line bet. secs. 4 and 5.  
Over nearly level land, through dense brush.
- 40.07 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; 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.
- 65.05 Cross wash 5 lks. wide course N. W.
- 71.05 Cross wash 5 lks. wide course N. W.
- 80.07 The cor. of secs. 4, 5, 8 and 9.  
Land, level.  
Soil, sandy loam, dry; coarse texture; 1st. rate. except S. 9.00 chs. which is sandy, mixed with rocks and gravel; 4th. rate.  
No timber.  
Undergrowth, greasewood.

March 29, 1914.

1914:

March 26: At 8h. 00m. a.m., l.m.t., I set off  $33^{\circ} 22\frac{1}{2}'$  N. on the lat. arc;  $2^{\circ} 04'$  N. on the decl. arc; and determine a meridian with the solar at the std. cor. of secs. 31 & 32 on S. bdy. of Tp. (G. & S. R. Base Line), recently established by Jesse B. Wright, U. S. Surveyor. as described in book "C"

- 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.
- 46.50 Cross wash 12 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. 29, 30, 31 and 32, marked on brass cap  
T1NR8W 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; 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 and mesquite.

- East on a random line bet. secs. 29 and 32.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 Intersect N. and S. line 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.

- Thence I run  
N.  $89^{\circ} 58'$  W. on a true line bet. secs. 29 and 32.  
Over rolling land, through dense brush.
- 12.00 Ascend S. E. slope
- 39.20 Ridge bears N. E. and S. W. descend.
- 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  $\frac{1}{4}$ 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.
- 52.00 Over level land.
- 53.35 Cross road bears N. and S.
- 61.00 Cross Centennial Wash, 10 lks. wide, E. course SE.

Partial Subdivision of Tp. 1 N. Rg. 8 W.

Chains.

79.96 The cor. of secs. 29, 30, 31 and 32.  
 Land, level and mountainous.  
 Soil, Q to 52.00 chs. rocky; 4th. rate; 52.00 to 79.96  
 chs. sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood and mesquite.

40.00 West on a random line bet. secs. 30 and 31.  
 set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs.  
 25, 30, 31 and 36, established by Jesse B. Wright  
 U. S. Surveyor, as described in Book "A."

Thence I run  
 S.  $89^{\circ} 58'$  E. on a true line bet. secs. 30 and 31.  
 Over level land, through dense brush.  
 23.85 Cross wash 12 lks. wide course S. E.  
 39.90 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.

79.90 The cor. of secs. 29, 30, 31 and 32.  
 Land, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood and mesquite.

Note: March 26: At this cor. I set off  $2^{\circ} 07'$  N. on the decl.  
 arc; and observe the sun on the meridian at noon; the  
 resulting lat. is  $33^{\circ} 23\frac{1}{2}'$  N.

40.00 N.  $0^{\circ} 03'$  W. bet. secs. 29 and 30.  
 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  $\frac{1}{4}$ S30 in W.  
 S29 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.

58.75 Cross wash 6 lks. wide course S. E.  
 71.95 Cross road bears N. W. and S. E.  
 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

T1NR8W 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; 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 and mesquite.

40.00 S.  $89^{\circ} 58'$  E. on a random line bet. secs. 20 and 29.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line 2 lks. N. of the cor. of secs.  
 20, 21 28 and 29,

Thence I run  
 N.  $89^{\circ} 57'$  W. on a true line bet. secs. 20 and 29.  
 Over rolling land, through dense brush.  
 6.35 Cross wash 10 lks. wide course S. W.

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

## Chains.

23.50. Cross wash 8 lks. wide course S. W.  
 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  $\frac{1}{4}$ 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.  
 57.50 Cross wash 12 lks. wide course S. W. and over level land.  
 79.96 The cor. of secs. 19, 20, 29 and 30.  
 Land, level and rolling.  
 Soil, 0 to 57.50 chs. sand mixed with gravel and rocks; 3rd. rate; 57.50 to 79.96 chs. sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood, paloverde catclaw and mesquite.

N.  $89^{\circ} 58'$  W. on a random line bet. secs. 19 and 30.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.76 Intersect W. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30, established by Jesse B. Wright U. S. Surveyor, as described in Book "A."

Thence I run

S.  $89^{\circ} 58'$  E. on a true line bet. secs. 19 and 30.  
 Over level land, through dense brush.  
 26.75 Cross road bears N. E. and S. W.  
 39.76 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; 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.  
 73.00 Cross wash 8 lks. wide course S. E.  
 76.55 Cross road bears N. W. and S. E.  
 79.76 The cor. of secs. 19, 20, 29 and 30.  
 Land, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate.  
 No timber.

March 26, 1914.

1914:

March 30: At 8h. 00m. a.m., l.m.t., I set off  $33^{\circ} 24\frac{1}{2}'$  N. on the lat. arc;  $3^{\circ} 37\frac{1}{2}'$  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 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  $\frac{1}{4}$ S19 in W. S20 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.  
 80.00 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  
 T1NR6W 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; 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, 0 to 12.50 chs. sandy loam, dry, medium texture; 1st. rate; 12.50 to 80.00 chs. sand mixed with rocks and gravel; 3rd. rate.  
 No timber.  
 Undergrowth, greasewood, mesquite and paloverde.

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

Chains	
	S. 89° 57' E. on a random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line at the cor. of secs. 16, 17, 20 and 21
	Thence I run
	N. 89° 57' W. on a true line bet. secs. 17 and 20.
	Over rolling land, through dense brush.
39.70	Cross wash 30 lks. wide course N. W.
39.96	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.
79.92	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling.
	Soil, sand mixed with gravel and rocks; 3rd. rate.
	No timber.
	Undergrowth, greasewood, ironwood, palo verde and mesquite.
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	N. 89° 58' W. on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.48	Intersect W. bdy. of Tp. 7 lks. N. of the cor. of secs. 13, 18, 19 and 24, recently established by Jesse B. Wright U. S. Surveyor, as described in Book "A."
	Thence I run.
	N. 89° 59' E. on a true line bet. secs. 18 and 19.
	Over level land, through dense brush.
39.48	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; 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.
54.50	Cross wash 12 lks. wide course S.
55.20	Cross road bears N. W. and S. E.
58.00	Cross road bears N. E. and S. W.
58.45	Cross road bears N. and S.
79.48	The cor. of secs. 17, 18, 19 and 20.
	Land, level.
	Soil, sandy loam, dry, medium texture; 1st. rate: except E. 5.00 chs. which is sand mixed with rocks and gravel; 3rd. rate.
	No timber.
	Undergrowth, greasewood, mesquite.
Note:	March 30: At this cor. I set off 3° 41' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 25' N.
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	N. 0° 03' W. bet. secs. 17 and 18.
	Over level land, through dense brush.
18.10	Cross wash 10 lks. wide course S. 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 $\frac{1}{4}$ S18 in W. S17 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. 7, 8, 17 and 18, marked on brass cap
	T1NR8W 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; 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.

## Partial Subdivision of Tp. 1 N. Rg. 8 W.

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Chains.

Soil, sandy loam, dry, medium texture; 1st. rate: Except S. 4.00 chs. which is sand mixed with rocks and gravel; 3rd. rate.  
No timber.  
Undergrowth, greasewood and mesquite.

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S. 89° 57' E. on a random line bet. secs. 8 and 17.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.90 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and 17.

Thence I run  
N. 89° 57' W. on a true line bet. secs. 8 and 17.  
Over rolling land, through dense brush.

6.10 Cross wash 15 lks. wide course S. W.  
16.40 Cross wash 15 lks. wide course S. W.  
39.95 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; from which  
An ironwood 4 ins. diam., bears N. 67 $\frac{1}{2}$ ° E. 47 lks. dist., marked  $\frac{1}{4}$ S8BT.  
No other bearing available. 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.

41.20 Cross wash 6 lks. wide course S. W.  
79.90 The cor. of secs. 7, 8, 17 and 18.  
Land, rolling.  
Soil, sand mixed with gravel and rocks; 3rd. rate: except W. 25.00 chs. which is sandy loam, dry, medium texture; 1st. rate.  
No timber.  
Undergrowth, greasewood, ironwood and paloverde.

March 30, 1914.

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1914:  
March 31: At 8h. 00m. a.m., l.m.t., I set off 33° 26' N. on the lat. arc; 4° 00 $\frac{1}{2}$ ' 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  
S. 89° 59' W. on a random line bet. secs. 7 and 18.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.50 Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, established by Jesse B. Wright U. S. Surveyor, as described in Book "A."

Thence I run  
N. 89° 57' E. on a true line bet. secs. 7 and 18.  
Over level land, through dense brush.

0.20 Cross road bears N. W. and S. E.  
39.50 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; 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.

79.50 The cor. of secs. 7, 8, 17 and 18.  
Land, level.  
Soil, sandy loam, dry, medium texture; 1st. rate.  
No timber.  
Undergrowth, greasewood.

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N. 0° 03' W. bet. secs. 7 and 8.  
Over level land, through dense brush.

8.70 Cross wash 4 lks. wide course S. W.  
14.00 Cross wash 5 lks. wide course S. W.

## Partial . Subdivision of Tp. 1 N. Rg. 8 W.

Chains.

- 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. and 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.
- 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  
T1NR8W 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; 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.

- S.  $89^{\circ} 57'$  E. on a random line bet. secs. 5 and 8.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.92 Intersect N. and S. line at the cor. of secs. 4, 5, 8 and 9,  
Thence I run  
N.  $89^{\circ} 57'$  W. on a true line bet. secs. 5 and 8.  
Over nearly level land, through dense brush.
- 14.40 Cross wash 6 lks. wide course N. W.
- 23.75 Cross wash 5 lks. wide course N. W.
- 39.96 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. 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.
- 79.92 The cor. of secs. 5, 6, 7 and 8.  
Land, level.  
Soil, sandy loam, dry, medium texture; 1st. rate; except E. 15.00 chs. which is sand mixed with rocks and gravel; 3rd. rate.  
No timber.  
Undergrowth, greasewood.
- Note; March 31: At this cor. I set off  $4^{\circ} 04'$  N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $33^{\circ} 27'$  N.

- S.  $89^{\circ} 57'$  W. on a random line bet. secs. 6 and 7.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.43 Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7 and 12, nearly established by Jesse B. Wright, U.S. Surveyor as described in Book "A." Thence I run,  
N.  $89^{\circ} 57'$  E. on a true line bet. secs. 6 and 7.  
Over level land, through dense brush.
- 39.43 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.
- 79.43 The cor. of secs. 5, 6, 7 and 8.  
Land, level.  
Soil, sandy loam, dry, medium texture; 1st. rate.  
No timber.  
Undergrowth, greasewood.

## Subdivision of Tp. 1 N. Rg. 8 W.

## Chains.

- N. 0° 03' W. on a random line bet. secs. 5 and 6.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect N. bdy. of Tp. 40 lks. W. of the cor. of secs. 5, 6, 31 and 32, established by Jesse B. Wright U.S. Surveyor, as described in Book "A."  
 Thence I run  
 S. 0° 14' W. on a true line bet. secs. 5 and 6.  
 Over level land, through dense brush.  
 39.90 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; 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.  
 79.90 The cor. of secs. 5, 6, 7 and 8.  
 Land, level.  
 Soil, sandy loam, dry, medium texture; 1st. rate.  
 No timber.  
 Undergrowth, greasewood.

March 31, 1914.

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 GENERAL DESCRIPTION.

The eastern part of this township lies on the Saddleback Mountains, a barren desert range, extremely rough and difficult to survey, rising about 1800 feet above the level of the surrounding country. As there is no land of any value for agricultural or grazing purposes in this range I leave this part of the township unsurveyed.

The rest of the township is rolling and level and the soil generally is mixed with volcanic rock and gravel.

The soil of the western tier of sections is a rich sandy loam, very fertile.

There are no settlers in the township, and no water or timber.

*John F. 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 *Part of the*  
*Subdivision lines of*  
*Township 1 North - Range 8 West*  
*of the Gila & Salt River Base & 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, #11*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

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