

2918

4-679

BOOK 2918

# BOOK "G" FIELD NOTES

OF THE SURVEY OF THE

*Subdivision Lines of*

*Township 14 North - Range 15 West*

*of the Gila & Salt River Base & Meridian,*

*In the State of Arizona*

EXECUTED BY

*Irving W. Stoddard, U.S. Surveyor*

*and*

*R. D. Armstrong, U.S. Transitman*

~~*In the capacity of U.S. Surveyor*~~, under instructions dated *Dec. 28*, 1914,

*issued by the United States Surveyor General to govern surveys included in*

*Group No. 41, which were approved by the Commissioner of the General Land*

*Office, Jan. 22, 1915.*

*Survey commenced March 17, 1915.*

*Survey completed " 23, 1915.*

*and executed under assignment instructions dated July 28, 1915*

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1A

# Book "G"

BOOK 2918

## INDEX DIAGRAM.

Township 14 North, Range 15 West

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Notes in Book "A"

Subdivision of T. 14 N., R. 15 W.

Chains.

Survey commenced Mar. 17, 1915, and executed jointly by Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits Nos. 8485 and 8531, with Smith solar attachments. For description of instruments and certificate of approval see Book "A".

In the following field notes, the initials I. W. S. and R. D. A. refer to Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, respectively. Knowing from recent and repeated tests of these instruments on a meridian established by observations on Polaris at elongation, that they are in adjustment, we proceed to the subdivision of T. 14 N., R. 15 W.

I. W. S. and R. D. A.

I. W. S.

At 7 hrs. 58 m., a.m., l.m.t., I set off 34° 30½' N. on the lat. arc; 1° 34½' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, established by R. D. A., as described in Book "A".

Thence I run

N. 0° 1' W., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth.

40.00

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

1915 on S. rim;  
¼S35 in W. and  
S36 in E. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

61.00

Wash, course SW.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

1915 on S. rim;  
T14N R15W in N. half;  
S26 in NW.,  
S25 in NE.,  
S36 in SE. and  
S35 in SW. quadrant;

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, rolling.

Soil, rocky and sandy, 3rd rate.

No timber.

Undergrowth, greasewood, palo verde, yucca and cacti.

N. 89° 54' E., on a random line, bet. secs. 25 and 36.

40.00

Set temp ¼ sec. cor.

79.96

Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is a stone, established by R. D. A., as described in Book "A".

Thence I run

S. 89° 55' W., on a true line, bet. secs. 25 and 36.

Over mountainous land, through scattering undergrowth.

Asc. E. slope, 370 ft. to

30.25

Spur, brs. SW. Desc. NW. slope, 230 ft.

39.98

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, on bed rock, surrounded by a round of stone, for ¼ sec. cor., marked on brass cap

1915 on S. rim;  
¼S25 in N. and  
S36 in S. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Chains.	
74.75	Gulch, course S.
79.96	The cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, rocky and sandy, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti. Mar. 17, 1915: At this cor., I set off $1^{\circ} 31\frac{1}{2}'$ S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 31\frac{1}{2}'$ N.
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	N. $0^{\circ} 1'$ W., bet. secs. 25 and 26. Over mountainous land, through scattering undergrowth. Asc. SE. slope, 140 ft. to
12.70	Spur, brs. SE. Desc. NE. slope, 70 ft. to
19.60	Gulch, course SE. Asc. SE. slope, 470 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S26 in W. and S25 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
47.10	Spur, brs. E. Desc. NE. slope, 385 ft. to
60.40	Gulch, course E. Thence along broken E. slope.
70.40	Spur, brs. E. Desc. NE. slope, 120 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap 1915 on S. rim; T14N R15W in N. half; S23 in NW., S24 in NE., S25 in SE. and S26 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky 4th rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti.
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40.00	N. $89^{\circ} 55'$ E., on a random line, bet. secs. 24 and 25. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect E. bdy. of Tp., 35 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is a stone; established by R. D. A., as described in Book "A". Thence I run N. $89^{\circ} 50'$ W., on a true line, bet. secs. 24 and 25. Over mountainous land, through scattering undergrowth. Asc. E. slope, 480 ft. to
17.15	Ridge, brs. NW. and SE. Desc. SW. slope, 540 ft. to
39.55	Gulch, course SW. Asc. SE. slope, 60 ft.
39.97	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 1915 on S. rim; $\frac{1}{4}$ S24 in N. and S25 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
56.60	Spur, brs. S. Desc. SW. slope, 85 ft. to
60.55	Gulch, course S. Asc. SE. slope, 105 ft. to
69.25	Spur, brs. SE. Desc. SW. slope, 100 ft. to
74.60	Gulch, course SE. Asc. NE. slope, 130 ft. to
79.94	The cor. of secs. 23, 24, 25 and 26. Land, mountainous. Soil, rocky 4th rate.

Subdivision of T. 14 N., R. 15 W. 3.

Chains.

No timber.  
Undergrowth, greasewood, palo verde, cat claw and cacti.  
Mar. 17, 1915.

Mar. 18, 1915.  
N.0° 1' W., bet. secs. 23 and 24.  
Over mountainous land, through scattering undergrowth.  
Desc. NE. slope, 70 ft. to

- 10.40 Gulch, course SE. Asc. SW. slope, 340 ft. to
  - 26.00 Spur, brs. SW. Desc. NW. slope, 70 ft. to
  - 31.40 Gulch, course SW. Asc. SE. slope, 280 ft.
  - 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  
1915 on S. rim;  
 $\frac{1}{4}$ S23 in W. and  
S24 in E. half;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
  - 44.80 Ridge, brs. E. and NW. Desc. NE. slope, 470 ft. to
  - 79.60 Gulch, course NE.
  - 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, supported by a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap  
1915 on S. rim;  
T14N R15W in N. half;  
S14 in NW.,  
S13 in NE.,  
S24 in SE. and  
S23 in SW. quadrant;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- Land, mountainous.  
Soil, rocky, 3rd rate.  
Timber, juniper.  
Undergrowth, palo christa and cacti.

S.89° 50' E., on a random line, bet. secs. 13 and 24.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect E. bdy of Tp., 19 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is a stone, established by R. D. A., as described in Book "A".

Thence I run  
N.89° 58' W., on a true line, bet. secs. 13 and 24.  
Over rolling land, through scattering undergrowth.

- 25.60 Asc. NE. slope, 165 ft. to
- 40.01 Spur, brs. N. Desc. NW. slope, 90 ft. to
- 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  
1915 on S. rim;  
 $\frac{1}{4}$ S13 in N. and  
S24 in S. half;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 46.70 Asc. broken NE. slope, 335 ft.
- 77.00 Gulch, course NE. Continue asc.
- 80.02 Gulch, course NE.
- The cor. of secs. 13, 14, 23 and 24.  
Land, rough and rolling.  
Soil, rocky 3rd rate.  
Timber, juniper.  
Undergrowth, greasewood, cat claw, yucca and cacti.  
I. W. S.  
Mar. 18, 1915.

Chains	
	<p>Mar. 19, 1915. R. D. A.  N.0° 1' W., bet. secs. 13 and 14.  Over mountainous land, through scattering undergrowth.  Asc. SE. slope, 45 ft. to</p>
5.00	Spur, brs. E. Desc. NE. slope, 60 ft. to
9.00	Wash, course E. Asc. SE. slope, 165 ft. to
20.00	Spur, brs. E. Desc. N. slope, 175 ft.
27.00	Wash, course E.
30.00	Spur, brs. E. Desc. NE. slope, 100 ft.
35.00	Wash, 5 lks. wide, course E.
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S14 in W. and  S13 in E. half;  and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high,  W. of cor. Pits impracticable.</p>
43.00	Spur, brs. E. Desc. NE. slope, 125 ft. to
60.00	Thence along broken E. slope.
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  ground, for cor. of secs. 11, 12, 13 and 14, marked on  brass cap  1915 on S. rim;  T14N R15W in N. half;  S11 in NW.,  S12 in NE.,  S13 in SE. and  S14 in SW. quadrant;  and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high,  W. of cor. Pits impracticable.</p>
	<p>Land, mountainous.  Soil, 4th rate.  No timber.  Undergrowth, greasewood, cat claw, yucca and cacti.</p>
	<p>Mar. 19, 1915: At this cor., I set off 0° 44' S. on the  decl. arc; and at apparent noon, I observe the sun on  the meridian; the resulting lat. is 34° 34' N.</p>
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	<p>S.89° 59' E., on a random line, bet. secs. 12 and 13.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.24	<p>Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs.  7, 12, 13 and 18, which is a stone, established by me,  as described in Book "A".  Thence I run</p>
	<p>S.89° 59' W., on a true line, bet. secs. 12 and 13.  Over broken mesa, through scattering undergrowth.</p>
40.12	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S12 in N. and  S13 in S. half;  and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high,  N. of cor. Pits impracticable.</p>
80.24	<p>The cor. of secs. 11, 12, 13 and 14.  Land, broken.  Soil, 4th rate.  Timber, juniper.  Undergrowth, greasewood, yucca, cacti.</p>
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	<p>N.0° 1' W., bet. secs. 11 and 12.  Over broken mesa, through scattering undergrowth and  timber.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p>

Subdivision of T. 14 N., R. 15 W.

Chains.

1915 on S. rim;  
 $\frac{1}{4}$ S11 in W. and  
 S12 in E. 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. 1, 2, 11 and 12, marked on  
 brass cap

1915 on S. rim;  
 T14N R15W in N. half;  
 S2 in NW.,  
 S1 in NE.,  
 S12 in SE. and  
 S11 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.

Land, rolling.  
 Soil, 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 Mar. 19, 1915.

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Mar. 20, 1915: At 7 hrs. 55 m., a.m., l.m.t., I set off  
 $34^{\circ} 35'$  N. on the lat. arc;  $0^{\circ} 23\frac{1}{2}'$  S. on the decl.  
 arc; and determine a meridian with the solar at the  
 cor. of secs. 1, 2, 11 and 12.

Thence I run  
 $N.89^{\circ} 59'$  E., on a random line, bet. secs. 1 and 12.

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

80.04 Intersect E. bdy. of Tp., 16 lks. N. of the cor. of secs.  
 1, 6, 7 and 12, which is an iron post, established by  
 me, as described in Book "A".

Thence I run  
 $N.89^{\circ} 54'$  W., on a true line, bet. secs. 1 and 12.  
 Over rolling land, through scattering timber and under-  
 growth.

39.00 Road, brs. NW. to Yucca, and SE. to Signal.

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

1915 on S. rim;  
 $\frac{1}{4}$ S1 in N. and  
 S12 in S. half;  
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
 dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, N. of cor.

80.04 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling.  
 Soil, 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

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$N.0^{\circ} 1'$  W., on a random line, bet. secs. 1 and 2.

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

79.70 Intersect N. bdy. of Tp., 2 lks. W. of the cor. of secs.  
 1, 2, 35 and 36, which is an iron post, established  
 by me, as described in Book "A".

Thence I run  
 South, on a true line, bet. secs. 1 and 2.  
 Over rolling mesa, through scattering timber and under-  
 growth.

17.50 Road, brs. NW. to Yucca, and SE. to Signal.

39.70 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

1915 on S. rim;  
 $\frac{1}{4}$ S2 in W. and  
 S1 in E. 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.

6.

## Subdivision of T. 14 N., R. 15 W.

Chains.

79.70

The cor. of secs. 1, 2, 11 and 12.

Land, rolling.

Soil, 3rd rate.

Timber, juniper.

Undergrowth, greasewood, cat claw, yucca and cacti.

R. D. A.

Mar. 20, 1915.

Mar. 17, 1915: I. W. S.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by R. D. A., as described in Book "A", I run

N.0° 1' W., bet. secs. 34 and 35.

Over rolling land, through scattering undergrowth.

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

1915 on S. rim;

 $\frac{1}{4}$ S34 in W. and

S35 in E. 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., 14 ins. in the ground, on bed rock, supported by a mound of stone, for cor. of secs. 26, 27, 34 and 35, marked on brass cap

1915 on S. rim;

T14N R15W in N half;

S27 in NW.,

S26 in NE.,

S35 in SE. and

S34 in SW. 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, cat claw, palo verde and cacti.

40.00

N.89° 54' E., on a random line, bet. secs. 26 and 35.

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

79.80

Intersect N. and S. line, 7 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence I run

S.89° 57' W., on a true line, bet. secs. 26 and 35.

Over rolling land, through scattering undergrowth.

Asc. SE. slope, 40 ft. to

3.60

Spur, brs. S. Desc. SW. slope, 175 ft. to

39.90

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked on brass cap

1915 on S. rim;

 $\frac{1}{2}$ S26 in N. and

S35 in S. half;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.

Thence over rolling land.

79.80

The cor. of secs. 26, 27, 34 and 35.

Land, rolling.

Soil, sandy and rocky, 3rd and 4th rate.

No timber.

Undergrowth, greasewood, cat claw, yucca, palo verde and cacti.

Mar. 17, 1915.

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Subdivision of T. 14 N., R. 15 W.

7

Chains

Mar. 18, 1915.  
 N.0° 1' W., bet. secs. 26 and 27.  
 Over rolling land, through scattering undergrowth.  
 Wash, course SW.  
 20.00  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S27 in W. and  
 S26 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 Asc. S. slope, 180 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 22, 23, 26 and 27, marked on  
 brass cap  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S22 in NW.,  
 S23 in NE.,  
 S26 in SE. and  
 S27 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 Land, rolling.  
 Soil, 3rd and 4th rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 Mar. 18, 1915: At this cor., I set off 1° 8' S. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 32' N.

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 N.89° 57' E., on a random line, bet. secs. 23 and 26.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.82 Intersect N. and S. line, 7 lks. N. of the cor. of secs.  
 23, 24, 25 and 26.  
 Thence I run  
 West, on a true line, bet. secs. 23 and 26.  
 Over mountainous land, through scattering undergrowth.  
 Asc. E. slope, 400 ft. to  
 20.00 Ridge, brs. N. and S. Desc. NW. slope, 905 ft.  
 39.91 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S23 in N. and  
 S26 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.  
 69.70 Gulch, course SW.  
 74.60 Gulch, course SW. Asc. SE. slope, 105 ft. to  
 79.82 The cor. of secs. 22, 23, 26 and 27.  
 Land, mountainous.  
 Soil, 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, cat claw and cacti.  
 I. W. S.  
 Mar. 18, 1915.

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 Mar. 18, 1915. R. D. A.  
 N.0° 1' W., bet. secs. 22 and 23.  
 Over mountainous land, through scattering undergrowth.  
 Asc. SE. slope, 65 ft. to  
 10.00 Spur, brs. SW. Desc. N. slope, 155 ft. to  
 26.00 Wash, 10 lks. wide, course W.  
 35.00 Wash, 5 lks. wide, course SW. Asc. S. slope, 120 ft.  
 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

## Chains.

1915 on S. rim;  
 $\frac{1}{4}$ S22 in W. and;  
 S23 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.

45.00 Spur, brs. W. Desc. N. slope, 205 ft. to  
 55.00 Wash, 5 lks. wide, course W. Asc. SW. slope, 200 ft. to  
 65.50 Spur, brs. WNW. Desc. N. slope, 210 ft. to  
 80.00 Wash, 20 lks. wide, course W. Set an iron post, 3 ft. long,  
 2 ins. diam., 24 ins. in the ground, for cor. of secs.  
 14, 15, 22 and 23, marked on brass cap  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S15 in NW.,  
 S14 in NE.,  
 S23 in SE. and  
 S22 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.

Land, mountainous.  
 Soil, 4th rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 Mar. 18, 1915.

Mar. 19, 1915.  
 At 7 hrs. 53 m., a.m., l.m.t., I set off  $34^{\circ} 33'$  N. on the  
 lat. arc;  $0^{\circ} 47\frac{1}{2}'$  S. on the decl. arc; and determine  
 a meridian with the solar at the cor. of secs.  
 14, 15, 22 and 23.  
 Thence I run  
 East, on a random line, bet. secs. 14 and 23.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.88 Intersect N. and S. line, 7 lks. S. of the cor. of secs.  
 13, 14, 23 and 24.  
 Thence I run  
 S.  $89^{\circ} 57'$  W., on a true line, bet. secs. 14 and 23.  
 Over mountainous land, through scattering undergrowth.  
 Asc. NE. slope, 280 ft. to  
 16.90 Ridge, brs. N. and S. Desc. SW. slope, 270 ft. to  
 29.40 Wash, 5 lks. wide, course NW. Asc. NE. slope, 115 ft.  
 39.94 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S14 in N. and  
 S23 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.

43.38 Ridge, brs. NW. and SE. Desc. W. slope, 650 ft. to  
 79.88 The cor. of secs. 14, 15, 22 and 23.  
 Land, mountainous.  
 Soil, 4th rate.  
 No timber.  
 Undergrowth, palo verde, cat claw, and cacti.  
 R. D. A.  
 Mar. 19, 1915.

Mar. 20, 1915. I. W. S.  
 N.  $0^{\circ} 1'$  W., bet. secs. 14 and 15.  
 Over mountainous land, through scattering timber and under-  
 growth.

7.60 Gulch, course SW.  
 15.00 Wash, 60 lks. wide, course SW. Asc. SW. slope, 290 ft.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 ground, on solid rock, supported by a mound of stone,  
 for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S15 in W. and

Subdivision of T. 14 N., R. 15 W. 9.

Chains

S14 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.

50.80 Gulch, course SE. Continue asc.  
 63.20 Ridge, brs. SW. and SE. Desc. N. slope, 345 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 10, 11, 14 and 15, marked on  
 brass cap

1915 on S. rim;  
 T14N R15 W in N. half;  
 S10 in NW.,  
 S11 in NE.,  
 S14 in SE. and  
 S15 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, palo christa and cacti.  
 Mar. 20, 1915: At this cor., I set off 1° 20½' S. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 34' N.

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N.89° 57' E., on a random line, bet. secs. 11 and 14.  
 40.00 Set temp. ¼ sec. cor.  
 80.04 Intersect N. and S. line, 7 lks. N. of the cor. of secs.  
 11, 12, 13 and 14.  
 Thence I run  
 West on a true line, bet. secs. 11 and 14.  
 Over mountainous land, through scattering timber and under-  
 growth.

4.00 Gulch, course NE.  
 16.00 Gulch, course N. Thence along N. slope.  
 30.00 Spur, brs. SE. Thence along S. slope.  
 31.25 Gulch, course SE. Asc. SE. slope to  
 37.75 Ridge, brs. N. and S.  
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., marked on brass cap

1915 on S. rim;  
 ¼S11 in N. and  
 S14 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.

44.55 Spur, brs. N. Desc. SW. slope, 135 ft. to  
 56.95 Wash, course NNW. Asc. NE. slope, 80 ft. to  
 66.55 Spur, brs. NW. Desc. SW. slope to  
 72.65 Gulch, course NW.  
 80.04 The cor. of secs. 10, 11, 14 and 15.  
 Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

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N.0° 1' W., bet. secs. 10 and 11.  
 Over mountainous land, through scattering timber and under-  
 growth.

Desc. NE. slope, 60 ft. to  
 10.80 Wash, 80 lks. wide, course W.  
 15.80 Asc. S. slope, 355 ft. to  
 30.20 Ridge, brs. E. and W. Desc. N. slope, 380 ft., over massive  
 boulders.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground, on solid rock, supported by a mound of stone,  
 for ¼ sec. cor., marked on brass cap

Chains.	
	<p>1915 on S. rim;  <math>\frac{1}{4}</math>S10 in W. and  S11 in E. half;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,  W. of cor. Pits impracticable.</p>
48.50	Foot of mountain; thence over rolling land.
60.00	Wash, course W.
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  ground, on solid rock, supported by a mound of stone,  for cor. of secs. 2, 3, 10 and 11, marked on brass cap  1915 on S. rim;  T14N R15W in N. half;  S3 in NW.,  S2 in NE.,  S11 in SE. and  S10 in SW. quadrant;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,  W. of cor. Pits impracticable.</p>
	<p>Land, rolling and mountainous.  Soil, sandy and rocky, 2nd and 4th rate.  Timber, juniper.  Undergrowth, greasewood, cat claw, yucca and cacti.  I. W. S.  Mar. 20, 1915.</p>
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	<p>Mar. 20, 1915: R. D. A.  At 8 hrs. 3 m., a.m., l.m.t., I set off <math>34^{\circ} 35'</math> N. on the  lat. arc; <math>0^{\circ} 23\frac{1}{2}'</math> S. on the decl. arc; and determine a  meridian with the solar at the cor. of secs. 2, 3, 10  11.</p>
	<p>Thence I run  East, on a random line, bet. secs. 2 and 11.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	<p>Intersect N. and S. line, 26 lks. S. of the cor. of secs.  1, 2, 11 and 12.</p>
	<p>Thence I run  <math>S.89^{\circ} 49'</math> W., on a true line, bet. secs. 2 and 11.  Over broken land, through scattering timber and under-  growth.</p>
39.98	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S2 in N. and  S11 in S. half;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,  N. of cor. Pits impracticable.</p>
79.96	<p>The cor. of secs. 2, 3, 10 and 11.  Land, broken.  Soil, 4th rate.  Timber, juniper.  Undergrowth, greasewood, yucca and cacti.  Mar. 20, 1915.</p>
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	<p>Mar. 22, 1915.  <math>N.0^{\circ} 1'</math> W., bet. secs. 2 and 3.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.66	<p>Intersect N. bdy. of Tp., 26 lks. W. of the cor. of secs.  2, 3, 34 and 35, which is an iron post, established by  me as described in Book "A".</p>
	<p>Thence I run  <math>S.0^{\circ} 10'</math> W., on a true line, bet. secs. 2 and 3.  Over level land, through scattering timber and undergrowth.</p>
8.65	Wash, 50 lks. wide, course SW.

Subdivision of T. 14 N., R. 15 W. 11.

Chains.  
 39.66 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S3 in W. and  
 S2 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Asc. NE. slope, 205 ft. to  
 52.65 Spur, brs. E. Desc. SE. slope, 70 ft. to  
 59.65 Head of gulch, course E. Asc. NE. slope, 80 ft. to  
 64.65 Ridge, brs. NW. and SE. Desc. SW. slope, 85 ft. to  
 74.65 Wash, 5 lks. wide, course SE. Asc. NE. slope, 15 ft. to  
 77.15 Spur, brs. SE. Desc. SW. slope, 25 ft. to  
 79.66 The cor. of secs. 2, 3, 10 and 11.  
 Land, level and mountainous.  
 Soil, 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and cacti.  
 R. D. A.  
 Mar. 22, 1915.

Mar. 18, 1915: I. W. S.  
 At 8 hrs. 8 m., a.m., l.m.t., I set off  $34^{\circ} 30\frac{1}{2}'$  N. on the lat. arc;  $1^{\circ} 11'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., which is an iron post, established by R. D. A., as described in Book "A".

Thence I run  
 N.  $0^{\circ} 2'$  W., bet. secs. 33 and 34.  
 Over gently rolling land, through scattering undergrowth.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S33 in W. and  
 S34 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 65.00 Wash, course SW.  
 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  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S28 in NW.,  
 S27 in NE.,  
 S34 in SE. and  
 S33 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, gently rolling.  
 Soil, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti,

N.  $89^{\circ} 54'$  E., on a random line, bet. secs. 27 and 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.86 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 26, 27, 34 and 35.  
 Thence I run  
 West, on a true line, bet. secs. 27 and 34.  
 Over rolling land, through scattering undergrowth.  
 Asc. SE. slope, 190 ft.  
 37.35 Top of butte; desc. W. slope, 105 ft.  
 39.93 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  
 1915 on S. rim;

Chains.

	<p><math>\frac{1}{4}</math>S27 in N. and S34 in S. half; and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor. Pits impracticable.</p>
58.35	Gulch, course SW. Thence over slightly rolling land.
58.75	Pipe line road, brs. NW. and SE.
79.86	The cor. of secs. 27, 28, 33 and 34. Land, rolling. Soil, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti. I. W. S. Mar. 18, 1915.
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	<p>Mar. 18, 1915. R. D. A. N.0° 2' W., bet. secs. 27 and 28. Over level land, through scattering undergrowth.</p>
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 1915 on S. rim; $\frac{1}{4}$ S28 in W. and S27 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
60.00	Pipe line road, brs. NW. and SE.
79.00	Wash, 50 lks. wide, course SW.
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 1915 on S. rim; T14N R15W in N. half; S21 in NW., S22 in NE., S27 in SE. and S28 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level. Soil, 3rd rate. No timber. Undergrowth, yucca and cacti. Mar. 18, 1915: At this cor., I set off 1° 8' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 32' N.
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	<p>East, on a random line, bet. secs. 22 and 27.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 22, 23, 26 and 27. Thence I run S.89° 54' W., on a true line, bet. secs. 22 and 27. Over mountainous land, through scattering undergrowth. Asc. SE. slope, 60 ft. to
3.35	Ridge, brs. NE. and SW. Desc. NW. slope, 315 ft. to
39.93	Foot of mountain, brs. N. and S. 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 1915 on S. rim; $\frac{1}{4}$ S22 in N. and S27 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Thence over level land.
77.85	Wash, 50 lks. wide, course SW.
79.86	The cor. of secs. 21, 22, 27 and 28. Land, level and mountainous. Soil, 4th rate.

Subdivision of T. 14 N., R. 15 W. 13.

Chains.	<p>No timber.</p> <p>Undergrowth, greasewood, cat claw, yucca and cacti.</p> <p style="text-align: right;">R. D. A. Mar. 18, 1915.</p>
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40.00	<p>Mar. 19, 1915: I. W. S.</p> <p>N.0° 2' W., bet. secs. 21 and 22.</p> <p>Over gently rolling land, through scattering timber and undergrowth.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1915 on S. rim; <math>\frac{1}{4}</math>S21 in W. and S22 in E. half;</p> <p>dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor.</p>
65.70	Wash, course W.
72.00	Wash, course W.
80.00	<p>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</p> <p style="padding-left: 40px;">1915 on S. rim; T14N R15W in N. half; S16 in NW., S15 in NE., S22 in SE. and S21 in SW. quadrant;</p> <p>and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.</p> <p>Land, gently rolling.</p> <p>Soil, sandy and gravelly loam.</p> <p>Timber, juniper.</p> <p>Undergrowth, greasewood, cat claw, palo christe and cacti.</p> <p style="text-align: right;">Mar. 19, 1915.</p>
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40.00	<p>Mar. 20, 1915. At 7 hrs. 53 m., a.m., l.m.t., I set off 34° 33' N. on the lat. arc; 0° 23<math>\frac{1}{2}</math>' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.</p> <p>Thence I run</p> <p>N.89° 54' E., on a random line, bet. secs. 15 and 22.</p> <p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
79.76	<p>Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.</p> <p>Thence I run</p> <p>S.89° 52' W., on a true line, bet. secs. 15 and 22.</p> <p>Over gently rolling land, through scattering timber and undergrowth.</p>
9.75	Wash, 80 lks. wide, course SW.
39.88	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1915 on S. rim; <math>\frac{1}{4}</math>S15 in N. and S22 in S. half;</p> <p>and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor. Pits impracticable.</p>
44.95	Wash, course NW.
48.05	Wash, course SW.
79.76	<p>The cor. of secs. 15, 16, 21 and 22.</p> <p>Land, gently rolling.</p> <p>Soil, sandy, shallow; 2nd rate.</p> <p>Timber, juniper.</p> <p>Undergrowth, greasewood, cat claw, palo christe and cacti.</p> <p style="text-align: right;">I. W. S. Mar. 20, 1915.</p>
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Chains.	
	<p>Mar. 22, 1915. R. D. A.  N.0° 2' W., bet. secs. 15 and 16.  Over level land, through scattering undergrowth.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S16 in W. and  <math>\frac{1}{4}</math>S15 in E. half;  dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap  1915 on S. rim;  T14N R15W in N. half;  S9 in NW.,  S10 in NE.,  S15 in SE. and  S16 in SW. quadrant;  dig pits, 18 X 18 X 12 ins., in each sec., 5<math>\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  Land, level.  Soil, 3rd rate.  No timber.  Undergrowth, greasewood, cat claw, yucca and cacti.</p>
	-----
	<p>N.89° 52' E., on a random line, bet. secs. 10 and 15.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
79.62	<p>Intersect N. and S. line, 5 lks. N. of the cor. of secs. 10, 11, 14 and 15.  Thence I run  S.89° 54' W., on a true line, bet. secs. 10 and 15 .  Over mountainous land, through scattering undergrowth.  Along broken N. slope. to</p>
10.60	<p>Asc. NE. slope, 220 ft. to</p>
19.60	<p>Spur, brs. N. desc. NW. slope, 325 ft. to</p>
39.81	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S10 in N. and  S15 in S. half;  and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor. Pits impracticable.</p>
79.62	<p>Leave mountain, brs. N. and S.; thence across level land.  The cor. of secs. 9, 10, 15 and 16.  Land, level and mountainous.  Soil, 4th rate.  No timber.  Undergrowth, yucca and cacti.  Mar. 22, 1915: At this cor., I set off 0° 27' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 34' N.</p>
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	<p>N.0° 2' W., bet. secs. 9 and 10.  Over level land, through scattering undergrowth.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S9 in W. and  S10 in E. half;  and raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.</p>
80.00	<p>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</p>



Subdivision of T. 14 N., R. 15 W.

Chains.

1915 on S. rim;  
T14N R15W in N. half;  
S4 in NW.,  
S3 in NE.,  
S10 in SE. and  
S9 in SW. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor. Pits impracticable.

Land, level.  
Soil, 3rd rate.  
No timber.  
Undergrowth, yucca and cacti.

40.00 N.89° 54' E., on a random line, bet. secs. 3 and 10.  
79.70 Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 14 lks. S. of the cor. of secs.  
2, 3, 10 and 11.

Thence I run  
39.85 S.89° 48' W., on a true line, bet. secs. 3 and 10.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., marked on brass cap

1915 on S. rim;  
1/4 S3 in N. and  
S10 in S. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor. Pits impracticable.

79.70 The cor. of secs. 3, 4, 9 and 10.  
Land, level.  
Soil, 3rd rate.  
No timber.  
Undergrowth, greasewood, cat claw, yucca and cacti..

R. D. A.  
Mar. 22, 1915.

40.00 Mar. 24, 1915. I. W. S.  
79.77 N.0° 2' W., on a random line, bet. secs. 3 and 4.  
Set temp. 1/4 sec. cor.  
Intersect N. bdy. of Tp., 26 lks. W. of the cor. of secs.  
3, 4, 33 and 34, which is an iron post, established by  
R. D. A., as described in Book "A".

Thence I run  
34.75 S.0° 9' W., on a true line, bet. secs. 3 and 4.  
Over level land, through scattering undergrowth.

39.77 Wash, course SW.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., marked on brass cap

1915 on S. rim;  
1/4 S4 in W. and  
S3 in E. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor. Pits impracticable.

41.25 Wash, course SW.  
69.75 Road, brs. NE. to Stout's Well and SW. to Castaneta Well.  
79.77 The cor. of secs. 3, 4, 9 and 10.

Land, level.  
Soil, 3rd rate.  
No timber.  
Undergrowth, greasewood, cat claw, yucca and cacti.

I. W. S.  
Mar. 24, 1915.

Chains.

Mar. 18, 1915. R. D. A.

At 7 hrs. 58 m., a.m., l.m.t., I set off  $34^{\circ} 30\frac{1}{2}'$  N. on the lat. arc;  $1^{\circ} 11'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A".

Thence I run

N.  $0^{\circ} 2'$  W., bet. secs. 32 and 33.

Over level land, through scattering undergrowth.

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  
1915 on S. rim;  
 $\frac{1}{4}$ S32 in W. and  
S33 in E. 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. 28, 29, 32 and 33, marked on brass cap

1915 on S. rim;  
T14N R15W in N. half;  
S29 in NW.,  
S28 in NE.,  
S33 in SE. and  
S32 in SW. 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, 3rd rate.

No timber.

Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 N.  $89^{\circ} 54'$  E., on a random line, bet. secs. 28 and 33.

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

79.70 Intersect N. and S. line, 28 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

S.  $89^{\circ} 42'$  W., on a true line, bet. secs. 28 and 33.

Over level land, through scattering undergrowth.

39.85 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  
1915 on S. rim;  
 $\frac{1}{4}$ S28 in N. and  
S33 in S. half;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.

79.70 The cor. of secs. 28, 29, 32 and 33.

Land, level.

Soil, 3rd rate.

No timber.

Undergrowth, greasewood, cat claw, yucca and cacti.

R. D. A.

Mar. 18, 1915.

Mar. 19, 1915. I. W. S.

N.  $0^{\circ} 2'$  W., bet. secs. 28 and 29.

Over level land, through scattering undergrowth.

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  
1915 on S. rim;  
 $\frac{1}{4}$ S29 in W. and  
S28 in E. 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

Subdivision of T. 14 N., R. 15 W.

Chains.

ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap

- 1915 on S. rim;
- T14N R15W in N. half;
- S20 in NW.,
- S21 in NE.,
- S28 in SE. and
- S29 in SW. quadrant;

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy, 2nd rate.

No timber.

Undergrowth, greasewood, cat claw, ocotille and cacti.

40.00

N.89° 42' E., on a random line, bet. secs. 21 and 28.

79.66

Set temp. ¼ sec. cor.

Intersect N. and S. line, 28 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence I run

S.89° 54' W., on a true line, bet. secs. 21 and 28.

Over level land, through scattering undergrowth.

7.00

Road, brs. N.20° W., and S. 20° E. to Mc Cracken.

39.83

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

- 1915 on S. rim;
- ½ S21 in N. and
- S28 in S. half;

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

79.66

The cor. of secs. 20, 21, 28 and 29.

Land, level.

Soil, sandy loam, 3rd rate.

No timber.

Undergrowth, greasewood, cat claw, yucca and cacti.

I. W. S.

Mar. 19, 1915.

Mar. 22, 1915: R. D. A.

At 8 hrs. 5 m., a.m., l.m.t., I set off 34° 32' N. on the lat. arc; 0° 24' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29.

Thence I run

N.0° 2' W., bet. secs. 20 and 21.

Over level land, through scattering undergrowth.

36.00

Road, brs. NE. to Stout's Well, and SW. to Castaneta Well.

40.00

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

- 1915 on S. rim;
- ½ S20 in W. and
- S21 in E. half;

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

- 1915 on S. rim;
- T14N R15W in N. half;
- S17 in NW.,
- S16 in NE.,
- S21 in SE. and
- S20 in SW. quadrant;

Chains.

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.;  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.  
 Land, level.  
 Soil, 3rd rate.  
 No timber.  
 Undergrowth, yucca and cacti.

40.00 N.89° 54' E., on a random line, bet. secs. 16 and 21.  
 Set temp. ¼ sec. cor.  
 79.58 Intersect N. and S. line, 21 lks. S. of the cor. of secs.  
 15, 16, 21 and 22.  
 Thence I run  
 S89° 45' W., on a true line, bet. secs. 16 and 21.  
 Over level land, through scattering undergrowth.  
 34.60 Pipe line road, brs. NW. and SE.  
 39.79 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ½S16 in N. and  
 S21 in S. half;  
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.  
 high, N. of cor.  
 64.10 Road, brs. NE. to Stout's Well and SW. to Castaneta Well.  
 79.58 The cor. of secs. 16, 17, 20 and 21.  
 Land, level.  
 Soil, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 R. D. A.

I. W. S.  
 N.0° 2' W., bet. secs. 16 and 17.  
 Over level land, through scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ¼S17 in W. and  
 S16 in E. half;  
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.  
 high, W. of cor.  
 74.00 Asc. S. slope, 110 ft. to  
 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  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S8 in NW.,  
 S9 in NE.,  
 S16 in SE. and  
 S17 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Land, level and hilly.  
 Soil, 3rd and 4th rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

## Chains.

N. 89° 45' E., on a random line, bet. secs. 9 and 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect N. and S. line, 35 lks. N. of the cor. of secs.  
 9, 10, 15 and 16.  
 Thence I run  
 West, on a true line, bet. secs. 9 and 16.  
 Over level land, through scattering undergrowth.  
 34.25 Road, brs. NE. to Stout's Well and SW. to Castaneta Well.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S9 in N. and  
 S16 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.  
 51.90 Pipe line road, brs. NW. and SE.  
 52.90 Leave level land, brs. NW. and SE. Asc. NE. slope, 180 ft.  
 69.90 Spur, brs. SE. Asc. SE. slope. to  
 79.90 The cor. of secs. 8, 9, 16 and 17.  
 Land, level and hilly.  
 Soil, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 I. W. S.  
 Mar. 22, 1915.

Mar. 23, 1915: R. D. A.  
 N. 0° 2' W., bet. secs. 8 and 9.  
 Asc. S. slope, 80 ft., through scattering undergrowth, to  
 3.00 Top of butte, brs. SE. Desc. NE. slope, 170 ft. to  
 10.00 Foot of desc; brs. NW. and SE. Thence over level land.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S8 in W. and  
 S9 in E. half;  
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, W. of cor.  
 44.50 Pipe line road, brs. NW. and SE.  
 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  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S5 in NW.,  
 S4 in NE.,  
 S9 in SE. and  
 S8 in SW. quadrant;  
 dig pits, 18 X 18 X 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.  
 Land, level and hilly.  
 Soil, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 R. D. A.  
 Mar. 23, 1915.

Mar. 24, 1915: I. W. S.  
 At 7 hrs. 56m., a.m., l.m.t., I set off 34° 35' N., on the  
 lat. arc; 1° 11' N. on the decl. arc; and determine a  
 meridian with the solar at the cor. of secs. 4, 5, 8  
 and 9.  
 Thence I run  
 East, on a random line, bet. secs. 4 and 9.

Chains.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.76	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 3, 4, 9 and 10. Thence I run S. $89^{\circ} 54'$ W., on a true line, bet. secs. 4 and 9. Over level land, through scattering undergrowth.
2.65	Road, brs. NE. to Stout's Well, and SW. to Castaneta Well.
39.88	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 1915 on S. rim; $\frac{1}{4}$ S4 in N. and S9 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.
44.75	Wash, course SW.
79.76	The cor. of secs. 4, 5, 8 and 9. Land, level. Soil, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti.
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	N. $0^{\circ} 2'$ W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect the N. bdy. of the Tp., 7 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, established by R. D. A., as described in Book "A". Thence I run S. $0^{\circ} 5'$ E., on a true line, bet. secs. 4 and 5. Over level land, through scattering undergrowth.
40.06	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 1915 on S. rim; $\frac{1}{4}$ S5 in W. and S4 in E. 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.
80.06	The cor. of secs. 4, 5, 8 and 9. Land, level. Soil, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti. Mar. 24, 1915.
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	Mar. 19, 1915: At 7 hrs. 57 m., a.m., l.m.t., I set off $34^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $0^{\circ} 47\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is an iron post, established by R. D. A., as described in Book "A". Thence I run N. $0^{\circ} 3'$ W., bet. secs. 31 and 32. Over level land, through scattering undergrowth.
4.60	Road, brs. NE. to Stout's Well and SW. to Castaneta Well.
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 1915 on S. rim; $\frac{1}{4}$ S31 in W. and S32 in E. 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

Subdivision of T. 14 N., R. 15 W.

Chains.

ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap

- 1915 on S. rim;
- T14N R15W in N. half;
- S30 in NW.,
- S29 in NE.,
- S32 in SE. and
- S31 in SW. quadrant;

dig pits, 18 X 18 X 12 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, level.  
Soil, sandy, 2nd rate.  
No timber.  
Undergrowth, greasewood, cat claw, yucca and cacti.

40.00  
80.20

N.89° 54' E., on a random line, bet. secs. 29 and 32.  
Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 19 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence I run  
N.89° 58' W., on a true line, bet. secs. 29 and 32.  
Over level land, through scattering undergrowth.

39.75  
40.10

Road, brs. NE. to Stout's Well, and SW. to Castaneta Well.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

- 1915 on S. rim;
- 1/4 S29 in N. and
- S32 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.20

The cor. of secs. 29, 30, 31 and 32.  
Land, level.  
Soil, sandy, 2nd rate.  
No timber.  
Undergrowth, greasewood, cat claw, palo christe and cacti.

40.00  
79.07

S.89° 54' W., on a random line, bet. secs. 30 and 31.  
Set temp. 1/4 sec. cor.  
Intersect W. bdy. of Tp., 14 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by R. DeW. as described in Book 2818, page 10.

Thence I run  
N.89° 48' E., on a true line, bet. secs. 30 and 31.  
Over level land, through scattering undergrowth.

39.07

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

- 1915 on S. rim;
- 1/2 S30 in N. and
- S31 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

79.07

The cor. of secs. 29, 30, 31 and 32.  
Land, level.  
Soil, 3rd rate.  
No timber.  
Undergrowth, greasewood, yucca and cacti.  
Mar. 19, 1915: At this cor., I set off 0° 44' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 31 1/2' N.  
Mar. 19, 1915.

Chains.	
	<p>Mar. 22, 1915: At 8 hrs. 4 m., a.m., l.m.t., I set off <math>34^{\circ} 31\frac{1}{2}'</math> N. on the lat. arc; <math>0^{\circ} 24'</math> N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 29, 30, 31 and 32.</p> <p>Thence I run N. <math>0^{\circ} 3'</math> W., bet. secs. 29 and 30. Over level land, through scattering undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1915 on S. rim; <math>\frac{1}{4}</math>S30 in W. and S29 in E. half; dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>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 1915 on S. rim; T14N R15W in N. half; S19 in NW., S20 in NE., S29 in SE. and S30 in SW. quadrant; dig pits, 18 X 18 X 12 ins., in each sec., <math>5\frac{1}{2}</math> ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, sandy, 3rd rate. No timber. Undergrowth, greasewood, cat claw, ocotilla and cacti.</p>
	<p>S. <math>89^{\circ} 58'</math> E., on a random line, bet. secs. 20 and 29.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.28 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 20, 21, 28 and 29.</p> <p>Thence I run N. <math>89^{\circ} 57'</math> W., on a true line, bet. secs. 20 and 29. Over level land, through scattering undergrowth.</p> <p>13.50 Road, brs. NE. to Stout's Well, and SW. to Castaneta Well.</p> <p>40.14 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1915 on S. rim; <math>\frac{1}{4}</math>S20 in N. and S29 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, <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor.</p> <p>80.28 The cor. of secs. 19, 20, 29 and 30. Land, level. Soil, sandy, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti.</p>
	<p>S. <math>89^{\circ} 48'</math> W., on a random line, bet. secs. 19 and 30.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>79.27 Intersect W. bdy. of Tp., 2 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by R.D.A. as described in Book 2918.</p> <p>Thence I run N. <math>89^{\circ} 47'</math> E., on a true line, bet. secs. 19 and 30. Over level land, through scattering undergrowth.</p> <p>39.27 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1915 on S. rim <math>\frac{1}{4}</math>S19 in N. and S30 in S. half;</p>



Subdivision of T. 14 N., R. 15 W. 23.

Chains.

79.27 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.  
 The cor. of secs. 19, 20, 29 and 30.  
 Land, level.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 N.0° 3' W., bet. secs. 19 and 20.  
 Over level land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ¼S19 in W. and  
 S20 in E. half;

80.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.  
 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  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S18 in NW.,  
 S17 in NE.,  
 S20 in SE. and  
 S19 in SW. quadrant;

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 Mar. 22, 1915: At this cor., I set off 0° 27' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 33' N.

40.00 S.89° 57' E., on a random line, bet. secs. 17 and 20.  
 Set temp. ¼ sec. cor.  
 80.38 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence I run  
 N.89° 48' W., on a true line, bet. secs. 17 and 20.  
 Over level land, through scattering undergrowth.  
 40.19 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ¼S17 in N. and  
 S20 in S. half;

80.38 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.  
 The cor. of secs. 17, 18, 19 and 20.  
 Land, level.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

Chains.  
 40.00 S. 89° 47' W., on a random line, bet. secs. 18 and 19.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.35 Intersect the W. bdy. of the Tp., 7 lks. S. of the cor.  
 of secs. 13, 18, 19 and 24, which is an iron post,  
 reestablished by R.D.A. as described in Book "Ayer-  
 1915".  
 Thence I run  
 N. 89° 50' E., on a true line, bet. secs. 18 and 19.  
 Over level land, through scattering undergrowth.  
 13.35 Wash, course SW.  
 39.35 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S18 in N. and  
 S19 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.  
 79.35 The cor. of secs. 17, 18, 19 and 20.  
 Land, level.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, ocotilla and cacti.  
 I. W. S.  
 Mar. 22, 1915.

Mar. 23, 1915: R. D. A.  
 At 7 hrs. 30 m., a.m., l.m.t., I set off 34° 33' N. on the  
 lat. arc; 0° 47 $\frac{1}{2}$ ' N. on the decl. arc; and determine  
 a meridian with the solar at the cor. of secs. 17, 18,  
 19 and 20.  
 Thence I run  
 N. 0° 3' W., bet. secs. 17 and 18.  
 Over level land, through scattering undergrowth.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S18 in W. and  
 S17 in E. 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  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S7 in NW.,  
 S8 in NE.,  
 S17 in SE. and  
 S18 in SW. 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, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 S. 89° 48' E., on a random line, bet. secs. 8 and 17.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line, 28 lks. S. of the cor. of secs.  
 8, 9, 16 and 17.  
 Thence I run  
 West, on a true line, bet. secs. 8 and 17.  
 Desc. SW. slope, 150 ft., through scattering undergrowth.

Subdivision of T. 14 N., R. 15 W.

Chains.

10.00 Foot of desc.; brs. NW. and SE. Thence over level land.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S8 in N. and  
 S17 in S. half;  
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 80.00 The cor. of secs. 7, 8, 17 and 18.  
 Land, level and broken.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 S.  $89^{\circ} 50'$  W., on a random line, bet. secs. 7 and 18.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.50 Intersect the W. bdy. of the Tp., 9 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by me as described in Book "A" General.  
 Thence I run  
 N.  $89^{\circ} 46'$  E., on a true line, bet. secs. 7 and 18.  
 Over level land, through scattering undergrowth.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S7 in N. and  
 S18 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, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 N.  $0^{\circ} 3'$  W., bet. secs. 7 and 8.  
 Over level land, through scattering undergrowth.  
 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  
 1915 on S. rim;  
 $\frac{1}{4}$ S7 in W. and  
 S8 in E. 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  
 1915 on S. rim;  
 T14N R15W in N. half;  
 S6 in NW.,  
 S5 in NE.,  
 S8 in SE. and  
 S7 in SW. 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, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 Mar. 23, 1915: At this cor., I set off  $0^{\circ} 51'$  N. on the decl. arc; and at apparent noon, I observe the sun on

Chains.	the meridian; the resulting lat. is 34° 35' N.
	-----
	East, on a random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence I run
	N.89° 58' W., on a true line, bet. secs. 5 and 8.
	Over level land, through scattering undergrowth.
13.60	Pipe line road, brs. NW. and SE.
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 1915 on S. rim; $\frac{1}{4}$ S5 in N. and S8 in S. half;
	dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
80.00	The cor. of secs. 5, 6, 7 and 8. Land, level. Soil, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti.
	-----
	S.89° 46' W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.58	Intersect the W. bdy. of the Tp., 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, marked established by me as described in Book "A" - General.
	Thence I run
	N.89° 49' E., on a true line, bet. secs. 6 and 7.
	Over level land, through scattering undergrowth.
39.58	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 1915 on S. rim; $\frac{1}{4}$ S6 in N. and S7 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.
79.58	The cor. of secs. 5, 6, 7 and 8. Land, level. Soil, 3rd rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti.
	-----
	N.0° 3' W., on a random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Intersect N. bdy. of Tp., 7 lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, established by me, as described in Book "A".
	Thence I run
	South, on a true line, bet. secs. 5 and 6.
	Over level land, through scattering undergrowth.
39.82	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 1915 on S. rim; $\frac{1}{4}$ S6 in W. and S5 in E. 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.

Chains  
79.82

The cor. of secs. 5, 6, 7 and 8.  
 Land, level.  
 Soil, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 R. D. A.  
 Mar. 23, 1915.

GENERAL DESCRIPTION.

The western half of this Tp. is level land, draining to the SW.; the NE. quarter is rolling, and the SE. quarter is mountainous land, and drains to the E. and S.

The soil in the western half is loose and sandy, 2nd, 3rd and 4th rate, with gravel or hard pan for subsoil. The soil on the slopes is rocky, 4th rate.

There is some stunted juniper timber in the Tp. The undergrowth consists of yucca, palo christe, greasewood, cat claw and cacti.

There are no settlers, nor is there any developed water in the Tp.

U. S. Surveyor.

U. S. Commissioner.

BOOK 28 2918 For

FINAL OATH OF UNITED STATES SURVEYOR.

See Book "B."

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, Arizona, February 15, 1917.

The foregoing field notes of the survey of \_\_\_\_\_ the \_\_\_\_\_

Subdivision Lines of

Township 14 North, Range 15 West,

of the Gila and Salt River Base and Meridian, Arizona, executed by Irving W. Stoddard, U.S. Surveyor, & R.D. Armstrong, U.S. Transitman, under his special instructions dated \_\_\_\_\_ December 28, 1914, for Group 41, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank O. Frost*

Surveyor General of Arizona.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_ Book "G," \_\_\_\_\_, has been correctly copied from the original notes on file in this office.