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BOOK 2919

# BOOK "H" FIELD NOTES

OF THE SURVEY OF THE

*Subdivision Lines of*

*Township 14 North - Range 14 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 25*, 1915

*Survey completed April 6*, 1915

*And executed under assignment instructions dated Jan. 28, 1915.*

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1A

# Book "H"

BOOK 2919

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Township 14 North Range 14 West

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Notes in Book "A"

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

Chains.

Survey commenced Mar. 25, 1915, and executed by Irving W. Stoddard, U. S. Surveyor, with Young and Sons' light mountain transit, No. 8485, with Smith Solar Attachment. For description of instrument, 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 test of this instrument on a meridian established by observations on Polaris at elongation, that it is in adjustment, I proceed to the subdivision of T. 14 N., R. 14 W.

From 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", I run

N.0° 1' W., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth.

Asc. S. slope, 170 ft. to

12.50 End of spur, brs. E. Desc. N. slope to

15.00 Wash, course SE. Thence across bottom 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;  
 $\frac{1}{4}$ S35 in W. and  
 S36 in E. half;

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

42.00 Leave bottom land, asc. S. slope. to Top of bank, brs. NW. and SE. Thence over slightly rolling land.

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 R14W 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, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

Land, rolling.  
 Soil, sandy 3rd rate.  
 Timber, juniper.  
 Undergrowth, palo verde, yucca and cacti.

Mar. 25, 1915: At this cor., I set off 1° 38' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 31 $\frac{1}{2}$ ' N.

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40.00 N.89° 53' E., on a random line, bet. secs. 25 and 36. Set temp  $\frac{1}{4}$  sec. cor.

80.16 Intersect E. bdy. of Tp., 16 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by R. D. A., as described in Book "A".

Thence I run

West, on a true line, bet. secs. 25 and 36.

Asc. broken SE. slope, through scattering timber and undergrowth.

25.00 Thence over rolling land.

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

1915 on S. rim;  
 $\frac{1}{4}$ S25 in N. and  
 S36 in S. half;

2.

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

2.

Chains.	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.
41.75	Old road, brs. NW. and SE.
75.15	Old road, brs. NW. and SE.
80.16	The cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, sandy, 3rd rate. Timber, juniper. Undergrowth, palo verde, yucca and cacti.
	N.0° 1' W., bet. secs. 25 and 26. Over slightly rolling land, through scattering timber and undergrowth.
10.10	Old 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; $\frac{1}{4}$ S26 in W. and S25 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.
50.00	Old road, brs. NW. and SE.
75.00	Top of bank, brs. NW. and SE. Desc. to wash.
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 R14W 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, slightly rolling. Soil, sandy, 3rd rate. Timber, juniper. Undergrowth, greasewood, palo verde, yucca and cacti.
	East, on a random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.26	Intersect E. bdy. of Tp., 5 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 "A". Thence I run N.89° 58' W., on a true line, bet. secs. 24 and 25. Over broken land, through scattering timber and undergrowth.
40.13	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.
57.15	Desc. SW. slope, 80 ft. to
61.25	Wash, course SE. Thence across bottom land.
70.85	Same wash, course NE.
79.75	Same wash, course SE.
80.26	The cor. of secs. 23, 24, 25 and 26.

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

Chains.	<p>Land, rolling. Soil, sandy, 3rd rate. Timber, juniper. Undergrowth, greasewood, palo verde, yucca and cacti. Mar. 25, 1915.</p>
<p>2.00 6.00 13.50 21.70 34.00 40.00  67.00 80.00</p>	<p>Mar. 26, 1915. N.0° 1' W., bet. secs. 23 and 24. Over rolling land, through scattering timber and undergrowth. Wash, course SE. Asc. SW. slope, 80 ft. to Top of bank; thence over rolling land. Wash, course SE. Wash, course SSE. 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>S23 in W. and S24 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. Wash, course SSE. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap 1915 on S. rim; T14N R14W 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, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable. Land, rolling. Soil, gravel, 2nd rate. Timber, juniper. Undergrowth, greasewood, palo verde, yucca and cacti. Cracker grass. Mar. 26, 1915.</p>
<p>40.00 80.30  40.15  55.30 80.30</p>	<p>Mar. 27, 1915. S.89° 58' E., on a random line, bet. secs. 13 and 24. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect E. bdy. of Tp., at the cor. of secs. 13, 18, 19 and 24, which is an iron post, 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 timber and undergrowth. 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>S13 in N. and S24 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. Gulch, course SE. The cor. of secs. 13, 14, 23 and 24. Land, rolling. Soil, 3rd rate. Timber, juniper. Undergrowth, greasewood, palo verde, yucca and cacti. Mar. 27, 1915.</p>

4.

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

4.

Chains.

- Mar. 31, 1915: At 7 hrs. 54 m., a.m., l.m.t., I set off  $34^{\circ} 33' N.$  on the lat. arc;  $3^{\circ} 55' N.$  on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24,  
Thence I run  
 $N.0^{\circ} 1' W.$ , bet. secs. 13 and 14.  
Over rolling land, through scattering timber and undergrowth.
- 5.70 Wash, course SSE.  
14.90 Wash, course SSE.  
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;  
 $\frac{1}{4}$ S14 in W. and  
S13 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. 11, 12, 13 and 14, marked on brass cap  
1915 on S. rim;  
T14N R14W 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,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, rolling.  
Soil, gravelly loam, 2nd rate.  
Timber, juniper.  
Undergrowth, greasewood, palo christa, yucca and cacti.
- 
- 40.00 S.  $89^{\circ} 58' E.$ , on a random line, bet. secs. 12 and 13.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.30 Intersect E. bdy. of Tp., 16 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by R. D. A., as described in Book "A".  
Thence I run  
 $S.89^{\circ} 55' W.$ , on a true line, bet. secs. 12 and 13.  
Over mountainous land, through scattering timber and undergrowth.  
Desc. SW. slope, 175 ft. to  
6.20 Canyon, course SSE. Asc. NE. slope, 460 ft. to  
38.80 Thence over broken land.  
40.15 Set an iron post, 3 ft. long, 1 in. diam., 10 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;  
 $\frac{1}{4}$ S12 in N. and  
S13 in S. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 57.00 Ridge, brs. N. and S. Desc. rocky SW. slope, 90 ft. to  
67.30 Wash, course SE. Asc. slight NE. slope to  
80.30 The cor. of secs. 11, 12, 13 and 14.  
Land, mountainous and broken.  
Soil, rocky, 4th rate.  
Timber, juniper.  
Undergrowth, greasewood, yucca and cacti.  
Mar. 31, 1915: At this cor., I set off  $3^{\circ} 58\frac{1}{2}' N.$  on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ}34' N.$

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

5.

Chains. N.0° 1' W., bet. secs. 11 and 12.  
 Over rocky, broken land, through scattering timber and undergrowth.  
 18.00 Wash, course 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;  
            $\frac{1}{4}$ 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.  
 40.10 Gulch, course ESE. Asc. SW. slope, 70 ft. to  
 55.15 Ridge, brs. NW. and SE. Desc. NE. slope to  
 67.50 Gulch, 50 ft. deep, course SE. Asc. SW. slope, 85 ft. to  
 77.50 Ridge, brs. NW. and SE. Desc. NE. slope to  
 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 R14W 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, broken.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, palo verde, ocotilla and cacti.

40.00 N.89° 55' E., on a random line, bet. secs. 1 and 12.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.32 Intersect E. bdy. of Tp., 19 lks. S. of the cor. of sets. 1, 6, 7 and 12, which is an iron post, established by R. D. A., as described in Book "A".  
 Thence I run  
 S. 89° 47' W., on a true line, bet. secs. 1 and 12.  
 Over mountainous land, through scattering timber and undergrowth.  
 Asc. SE. slope, 210 ft.  
 20.10 Gulch, course S. Continue asc. to  
 40.16 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;  
           and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 Desc. SW. slope, 325 ft. to  
 66.30 Gulch, course SSE. Asc. NE. slope, 165 ft. to  
 80.32 The cor. of secs. 1, 2, 11 and 12.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, palo verde, and cacti.

40.00 N.0° 1' W., on a random line, bet. secs. 1 and 2.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.30 Intersect the N. bdy. of the Tp., 30 lks. W. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, established by R. D. A., as described in Book "A".

6.

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

6.

Chains.

Thence I run  
 $S.0^{\circ} 12' W.$ , on a true line, bet. secs. 1 and 2.  
 Over mountainous land, through scattering timber and undergrowth.

Desc. SE. slope to  
 2.80 Gulch, course SW. Asc. NW. slope, 50 ft. to  
 10.30 Desc. SW. slope, 220 ft. to  
 34.30 Gulch, course SW. Asc. NE. slope, 50 ft. to  
 40.30 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;  
     and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

40.80 Top of hill. Desc. SW. slope, 105 ft. to  
 60.30 Gulch, course SE. Asc. NE. slope, 265 ft. to  
 80.30 The cor. of secs. 1, 2, 11 and 12.  
 Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, ocatilla, palo verde and cacti.  
 Mar. 31, 1915.

Mar. 25, 1915: At 8 hrs. 3 m., a. m., l.m.t., I set off  $34^{\circ} 30\frac{1}{2}' N.$  on the lat. arc;  $1^{\circ} 34\frac{1}{2}' N.$  on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by R. D. A., as described in Book "A".

Thence I run  
 $N.0^{\circ} 1' W.$ , bet. secs. 34 and 35.  
 Over level land, through scattering timber and undergrowth.

9.00 Asc. SE. slope, 105 ft. to  
 16.50 Spur, brs. E. Desc. NE. slope, 105 ft. to  
 28.80 Road, brs. NW. to Yucca, and SE. to Signal. Thence across flat.

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;  
     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.

70.00 Wash, 2 chs. wide, course SE. Thence over broken land.  
 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  
     1915 on S. rim;  
     T14N R14W 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, level and broken.  
 Soil, sandy and gravelly, 2nd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, palo verde and cacti.

40.00  $N.89^{\circ} 53' E.$ , on a random line, bet. secs. 26 and 35.  
 80.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 25, 26, 35 and 36.  
 Thence I run



## Chains.

West, on a true line, bet. secs. 26 and 35.  
 Over broken flat, through scattering timber and undergrowth.  
 34.00 Desc. SW. slope, 90 ft. to  
 39.20 Wash, course SE. Thence across bottom 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;  
 $\frac{1}{4}$ 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.  
 55.00 Leave bottom of wash, asc. NE. slope, 130 ft. to  
 80.00 The cor. of secs. 26, 27, 34 and 35.  
 Land, level and broken.  
 Soil, sandy, 2nd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, palo verde, yucca and cacti.  
 Mar. 25, 1915.

Mar. 26, 1915.  
 N.0° 1' W., bet. secs. 26 and 27.  
 Over broken land, through scattering timber and under-  
 growth.  
 10.00 Asc. S. slope 55 ft. to  
 18.00 Spur, brs. E. Desc. NE. slope, 70 ft. to  
 20.50 Wash, course E.  
 25.00 Desc. NE. slope, 60 ft. into wash, course ESE.  
 28.00 Thence across bottom land.  
 32.00 Asc. SW. slope, 60 ft.  
 35.00 Thence across level land.  
 40.00 Desc. NE. slope, 45 ft. to  
 Gulch, course SE.  
 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.  
 73.30 Asc. S. slope, 75 ft. over granite rocks.  
 80.00 Top of hill. Desc. N. slope, 50 ft. to  
 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 R14W 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, broken.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, ocatilla, palo christe, yucca and cacti.  
 Mar. 26, 1915: At this cor., I set off 2°  $1\frac{1}{2}'$  N. on the  
 lat. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 32' N.

8.

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

8.

Chains.	East on a random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 23, 24, 25 and 26.
	Thence I run
	S. $89^{\circ} 54'$ W., on a true line, bet. secs. 23 and 26.
	Over rolling land, through scattering timber and undergrowth.
24.60	Old road, brs. NNW. and SSE.
34.80	Wash, course S.
37.70	Wash, course SE.
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 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.
58.90	Old road, brs. NW. and SE.
60.30	Wash, course S.
65.10	Wash, course SE. Thence over low hills, covered with granite boulders.
80.10	The cor. of secs. 22, 23, 26 and 27. Land, rolling. Soil, rocky, 4th rate, and sandy 2nd rate. Timber, juniper. Undergrowth, greasewood, yucca, palo christo, and cacti. Mar. 26, 1915.
	Mar. 27, 1915.
	N. $0^{\circ} 1'$ W., bet. secs. 22 and 23.
	Over rolling land, through scattering undergrowth.
7.00	Wash, course SE.
21.85	Old road, brs. NW. and SE.
25.20	Wash, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 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; $\frac{1}{4}$ 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.
55.00	Asc. SW. slope, 65 ft. to
64.70	Spur, brs. SE. Desc. NE. slope, 75 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap 1915 on S. rim; T14N R14W 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, rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, yucca and cacti.
40.00	N. $89^{\circ} 54'$ E., on a random line, bet. secs. 14 and 23.
80.36	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 19 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence I run N. $89^{\circ} 58'$ W., on a true line, bet. secs. 14 and 23. Desc. SW. slope, 25 ft., over rolling land, through scattering undergrowth, to

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

Chains	
7.35	Gulch, course S. Asc. SE. slope, 55 ft. to
13.15	Spur, brs. SE. Desc. SW. slope, 35 ft. to
15.55	Gulch, course SE. Asc. NE. slope to
24.35	Spur, brss SE. Desc. SW. slope, 125 ft. to
37.35	Foot of desc., brs. N. and S. Thence over bottom land.
40.18	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.
43.65	Wash, course S. Asc. E. slope, 110 ft.
50.35	Top of bank, brs. NW. and SE. Thence over broken land.
77.85	Gulch, course SE.
80.36	The cor. of secs. 14, 15, 22 and 23.
	Land, level and rolling.
	Soil, sandy and rocky, 3rd and 4th rate.
	No timber.
	Undergrowth, greasewood, palo christa, yucca and cacti.
	Mar. 27, 1915.

10.

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

10.

Chains.	
37.80	Wash, course S.
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 1915 on S. rim; $\frac{1}{4}$ S11 in N. and S14 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
48.80	Wash, course SW. Asc. NE. slope, 90 ft., over broken land, to
54.10	Ridge, brs. NW. and SE. Desc. SW. slope, 45 ft. to
62.00	Gulch, course SE. Asc. NE. slope, 60 ft. to
66.50	Ridge, brs. NW. and SE. Desc. SW. slope, 135 ft. to
80.30	The cor. of secs. 10, 11, 14 and 15. Land, rolling and broken. Soil, gravel and rocks, 3rd and 4th rate. Timber, juniper. Undergrowth, greasewood, yucca, palo christe and cacti. Cracker grass.  Mar. 30, 1915.
	Apr. 1, 1915 N.0° 1' W., bet. secs. 10 and 11. Over rolling land, through scattering timber and undergrowth.
21.70	Low ridge, brs. NNE. and SSW.
32.00	Low ridge, brs. NNE. and SSW.
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; $\frac{1}{4}$ S10 in W. and S11 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, 145 ft. to
73.80	Top of hill. Desc. N. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap 1915 on S. rim; T14N R14W 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, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, greasewood, cat claw, and cacti.
	N.89° 53' E., on a random line, bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11 and 12. Thence I run S.89° 51' W., on a true line, bet. secs. 2 and 11. Over hilly land, through scattering timber and undergrowth. Asc. E. slope, 120 ft.
3.55	Top of hill. Continue asc.
16.00	Top of hill. Desc. SW. slope, 150 ft. to
36.55	Gulch, course SE.
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

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

Chains

1915 on S. rim;  
 $\frac{1}{2}$ S2 in N. and  
 S11 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.  
 Asc. E. slope, 270 ft.  
 60.00 Low ridge, brs. NNW. and SSE. Continue asc.  
 80.04 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling and hilly.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, palo christe, cat claw and cacti.  
 Apr. 1, 1915.

Apr. 2, 1915.  
 N.0° 1' W., bet. secs. 2 and 3., on random line  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.37 Intersect the N. bdy. of the Tp., 28 lks. W. of the cor.  
 of secs. 2, 3, 34 and 35, which is an iron post,  
 established by R. D. A., as described in Book "A".  
 Thence I run  
 S.0° 11' W., on a true line, bet. secs. 2 and 3.  
 Over broken land, through scattering timber and under-  
 growth.  
 40.37 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;  
 $\frac{1}{2}$ 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.  
 45.35 Thence over rolling land. Desc. SW. slope, 85 ft. to  
 58.35 Gulch, course SE. Asc. NE. slope, 85 ft. to  
 80.37 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling and hilly.  
 Soil, gravelly loam, 2nd and 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw and cacti.  
 April 2, 1915.

Mar. 26, 1915: At 8 hrs. 5 m., a.m., l.m.t., I set off 34°  
 30 $\frac{1}{2}$ ' N. on the lat. arc; 1° 58' N. on the decl. arc;  
 and determine a meridian with the solar at the cor. of  
 secs. 3, 4, 33 and 34, which is an iron post, establish-  
 ed by R. D. A., as described in Book "A".  
 Thence I run  
 N.0° 2' W., bet. secs. 33 and 34.  
 Over gently rolling land, through scattering timber and  
 undergrowth.  
 4.90 Wash, course SE.  
 12.80 Wash, course SE.  
 23.50 Wash, course 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;  
 $\frac{1}{2}$ S33 in W. and  
 S34 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.  
 54.30 Wash, course SE.  
 65.80 Wash, course SE.  
 72.20 Wash, course SE.  
 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

12.

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

12.

Chains.

1915 on S. rim;  
T14N R14W in N. half;  
S28 in NW.,  
S27 in NE.,  
S34 in SE. and  
S33 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, gently rolling.

Soil, gravel, 2nd rate.

Timber, juniper.

Undergrowth, greasewood, yucca and cacti.

Cracker grass.

40.00 N. 89° 53' E., on a random line, bet. secs. 27 and 34.  
Set temp. ¼ sec. cor.  
80.04 Intersect N. and S. line, 28 lks. N. of the cor. of secs.  
26, 27, 34 and 35.  
Thence I run  
N. 89° 55' W., on a true line, bet. secs. 27 and 34.  
Over gently rolling land, through scattering timber and  
undergrowth.  
Along S. slope of ridge, brs. E. and W.  
30.00 Wash, course SE.  
34.75 Wash, course S.  
40.02 Wash, 120 lks. wide, course SE.  
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;  
¼ S27 in N. and  
S34 in S. half;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor. Pits impracticable.  
44.45 Wash, course SE.  
54.05 Wash, course S.  
60.05 Old road, brs. N. and S.  
64.05 Road, brs. NW. to Yucca, and SE. to Signal.  
80.04 The cor. of secs. 27, 28, 33 and 34.  
Land, gently rolling.  
Soil, sandy, 3rd rate.  
Timber, juniper.  
Undergrowth, greasewood, yucca, and cacti.  
Cracker grass.

Mar. 26, 1915.

Mar. 27, 1915.  
N. 0° 2' W., bet. secs. 27 and 28.  
Over level land, through scattering timber and undergrowth.  
15.50 Road, brs. NW. to Yucca, and SE. to Signal.  
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;  
¼ S28 in W. and  
S27 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.  
68.00 Wash, 5 chs. wide, course SE. Seep holes about ½ mile  
down this wash.  
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

Chains.

1915 on S. rim;  
 T14N R14W 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, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Land, level.  
 Soil, sandy and gravelly, 2nd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 S.89° 55' E., on a random line, bet. secs. 22 and 27.  
 79.80 Set temp. ¼ sec. cor.  
 Intersect N. and S. line, 14 lks. N. of the cor. of secs.  
 22, 23, 26 and 27.  
 Thence I run  
 N.89° 49' W., on a true line, bet. secs. 22 and 27.  
 Over rolling land, through scattering timber and under-  
 growth.  
 19.80 Spur, brs. SE.  
 27.30 Wash, course SE.  
 39.90 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  
 1915 on S. rim;  
 ½S22 in N. and  
 S27 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.  
 60.00 Ridge, brs. N. and S.  
 75.80 Old road, brs. N. and S.  
 79.80 The cor. of secs. 21, 22, 27 and 28.  
 Land, rolling and broken.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and cacti.  
 Mar. 27, 1915: At this cor., I set off 2° 25' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 32' N.  
 Mar. 27, 1915.

Mar. 29, 1915.  
 N.0° 2' W., bet. secs. 21 and 22.  
 Over rolling land, through scattering timber and under-  
 growth.  
 13.40 Old road, brs. NW. and SE.  
 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;  
 ½S21 in W. and  
 S22 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 55.00 Spur, brs. SW. Desc. NW. slope, 45 ft. to  
 60.70 Gulch, course SW. Asc. SE. slope, 95 ft. to  
 68.00 Spur, brs. SW. Desc. NW. slope, 80 ft. to  
 75.00 Gulch, course SW.  
 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

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

14.

Chains.

	<p>1915 on S. rim; T14N R14W in N. half; S16 in NW., S15 in NE., S22 in SE. and S21 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. Land, rolling and broken. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, greasewood, cat claw, yucca and cacti. Mar. 29, 1915.</p>
40.00	S. $89^{\circ} 49'$ E., on a random line, bet. secs. 15 and 22.
79.86	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence I run N. $89^{\circ} 50'$ W., on a true line, bet. secs. 15 and 22. Over rolling land, through scattering timber and undergrowth. Asc. E. slope, 75 ft. to 10.45 Top of rocky butte. Desc. W. slope, 70 ft. to 14.65 Wash, course S. Asc. 26.35 Top of hill. Desc. 39.45 Draw, course S. 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; $\frac{1}{2}$ S15 in N. and S22 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. 45.85 Draw, course S. 54.25 Draw, course SE. 55.85 Draw, course ESE. Asc. E. slope, 65 ft. to 64.05 Ridge, brs. N. and S. Desc. W. slope, 90 ft. 76.85 Granite boulder, 40 ft. high, on line. 79.00 Wash, course SW. 79.86 The cor. of secs. 15, 16, 21 and 22. Land, rolling and broken. Soil, rocky 4th rate. Timber, juniper. Undergrowth, cat claw, yucca and cacti. Cracker grass. Mar. 30, 1915.
	<p>Apr. 1, 1915. N. <math>0^{\circ} 2'</math> W., bet. secs. 15 and 16. Over rolling land, through scattering timber and under- growth. 11.00 Draw, course SW. 23.00 Draw, course SE. 35.00 Enter draw, course SE. 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}{2}</math>S16 in W. and S15 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. 42.00 Leave draw, course SE. Thence over rolling land. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, on solid rock, supported by a mound of stone, for cor. of secs. 9, 10, 15 and 16, marked on brass cap</p>



Subdivision of T. 14 N. R. 14 W

Chains.

1915 on S. rim;  
 T14N R14W in N. half;  
 S9 in NW.,  
 S10 in NE.,  
 S15 in SE. and  
 S16 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Land, rolling and broken.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and cacti.

40.00 S.89° 50' E., on a random line, bet. secs. 10 and 15.  
 Set temp. ¼ sec. cor.  
 79.74 Intersect N. and S. line, 5 lks. S. of the cor, of secs.  
 10,11, 14 and 15.  
 Thence I run  
 N.89° 52' W., on a true line, bet. secs. 10 and 15.  
 Over broken land, through scattering timber and undergrowth.  
 17.25 Gulch, course SE.  
 39.87 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;  
 ¼S10 in N. and  
 S15 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.  
 40.10 Draw, course SE.  
 79.74 The cor. of secs. 9, 10, 15 and 16.  
 Land, broken.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, palo christo, yucca and cacti.

N.0° 2' W., bet. secs. 9 and 10.  
 Over hilly land, through scattering timber and undergrowth.  
 Asc. S. slope, 60 ft. to  
 5.90 Rocky knoll. Desc. N. slope, 90 ft. to  
 14.00 Asc. S. slope, 145 ft. to  
 27.00 Rocky hill. Desc. N. slope, 90 ft.  
 40.00 Top of rocky knoll.  
 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;  
 ¼S9 in W. and  
 S10 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Desc. N. slope 235 ft. to  
 65.00 Draw, course SE. Asc. SW. slope to  
 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  
 1915 on S. rim;  
 T14N R14W 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, 1½ ft. high,  
 W. of cor. Pits impracticable.

Chains.

Land, rolling and hilly.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw, yucca and cacti.  
 Apr. 1, 1915.

Apr. 3, 1915: At 8 hrs. 58 m., a.m., l.m.t., I set off  
 34° 35' N. on the lat. arc; 5° 5½' N. on the decl. arc;  
 and determine a meridian with the solar at the cor. of  
 secs. 3, 4, 9 and 10.

Thence I run

S.89° 52' E., on a random line, bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

79.84 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.

N.89° 57' W., on a true line, bet. secs. 3 and 10.

Over broken land, through scattering timber and undergrowth.

20.00 Wash, course S.

23.25 Spur, brs. N.

27.70 Spur, brs. S.

39.92 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;  
 ¼S3 in N. and  
 S10 in S. half;

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

43.85 Wash, course SW.

54.65 Gulch, course S.

64.05 Draw, course SSE.

79.84 The cor. of secs. 3, 4, 9 and 10.

Land, broken.

Soil, rocky 4th rate.

Timber, juniper.

Undergrowth, greasewood, cat claw, yucca and cacti.

Cracker grass.

Apr. 3, 1915: The sky was overcast at noon, making an  
observation for lat. impossible.

Apr. 4, 1915: At 8 hrs. 8 m., a.m., l.m.t., I set off  
 34° 35' N. on the lat. arc; 5° 27½' N. on the decl. arc;  
 and determine a meridian with the solar at the cor. of  
 secs. 3, 4, 9 and 10.

Thence I run

N.0° 2' W., on a random line, bet. secs. 3 and 4.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. bdy. of Tp., 23 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

S.0° 8' W., on a true line, bet. secs. 3 and 4.

Over rolling and broken land, through scattering timber  
and undergrowth.

5.00 Gulch, course SSW.

20.00 Wash, course SW.

22.60 Gulch, course W. Asc. N. slope.

31.00 Top of hill. Desc. S. slope.

40.14 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;  
 ¼S4 in W. and  
 S3 in E. half;

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

17.

Chains	
56.00 64.10 69.40 80.14	<p>and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.            Abandoned cabin brs. W. 4 chs. dist.            Draw, course SE. Asc. N. slope, 145 ft. to            Spur, brs. E. Desc. S. slope, 40 ft. to            The cor. of secs. 3, 4, 9 and 10.            Land, rolling and brokne.            Soil, rocky 4th rate.            Timber, juniper.            Undergrowth, greasewood, yucca, cat claw and cacti.            Apr. 4, 1915.</p>
40.00  70.00 80.00	<p>Mar. 27, 1915: At 8 hrs. 4 m., a.m., 1.m.t., I set off <math>34^{\circ} 30\frac{1}{2}'</math> N. on the lat. arc; <math>2^{\circ} 22'</math> N. on the decl. arc; and determine a meridian with the solar at 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            N. <math>0^{\circ} 2'</math> W., bet. secs. 32 and 33.            Over slightly rolling land, through scattering undergrowth.            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}{2}</math>S32 in W. and                S33 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.            Wash, course SE.            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 R14W in N. half;                S29 in NW.,                S28 in NE.,                S33 in SE. and                S32 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.            Land, gently rolling .            Soil, gravelly, 2nd and 3rd rate.            No timber.            Undergrowth, greasewood, yucca and cacti.</p>
40.00 80.00	<p>N. <math>89^{\circ} 53'</math> E., on a random line, bet. secs. 28 and 33.            Set temp. <math>\frac{1}{4}</math> sec. cor.            Intersect N. and S. line, 19 lks. N. of the cor. of secs. 27, 28, 33 and 34.</p>
40.00  78.75 80.00	<p>Thence I run            N. <math>89^{\circ} 59'</math> W., on a true line, bet. secs. 28 and 33.            Over gently rolling land, through scattering undergrowth.            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}{2}</math>S28 in N. and                S33 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.            Road, brs. NW. to Yucca and SE. to Mc Cracken.            The cor. of secs. 28, 29, 32 and 33.            Land, gently rolling.            Soil, gravelly, 2nd and 3rd rate.            No timber.            Undergrowth, greasewood, yucca and cacti.            Mar. 27, 1915.</p>

18.

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

Chains.

- Mar. 30, 1915: At 8 hrs. 8 m., a.m., l.m.t., I set off  $34^{\circ} 31\frac{1}{2}'$  N., on the lat. arc;  $3^{\circ} 32'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33.
- Thence I run  
N.  $0^{\circ} 2'$  W., bet. secs. 28 and 29.  
Over slightly rolling land, through scattering timber and undergrowth.
- 1.46 Road, brs. NNW to Yucca, and SSE. to Mc Cracken.  
15.00 Draw, 2 chs. wide, course SE.  
15.50 Same road, brs. NNE. and SSW.  
38.80 Old road, brs. E. and W.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
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.
- 42.00 Enter same road, brs. N. and SSE.  
61.00 Leave road, brs. S. and NNE.  
71.30 Draw, course SE.  
80.00 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap  
1915 on S. rim;  
T14N R14W in N. half;  
S20 in NW.,  
S21 in NE.,  
S28 in SE. and  
S29 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, sandy, 2nd rate.  
Timber, juniper.  
Undergrowth, yucca, greasewood, and cacti.  
Cracker grass.
- Mar. 30, 1915.
- 
- Mar. 29, 1915.  
S.  $89^{\circ} 59'$  E., on a random line, bet. secs. 21 and 28.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 21, 22, 27 and 28.  
Thence I run  
N.  $89^{\circ} 53'$  W., on a true line, bet. secs. 21 and 28.  
Over rolling land, through scattering timber and undergrowth.
- 6.00 Bank of wash, brs. NW. and SE. Desc.  
10.00 Wash, course S. Thence across bottom land.  
29.55 Wash, course SE.  
30.15 W. bank of wash, brs. NW. and SE. Asc. NE. slope, 90 ft. to  
37.20 Top of butte. Desc. W. slope 40 ft.  
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  
1915 on S. rim;  
 $\frac{1}{4}$ S21 in N. and  
S28 in S. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 45.00 Foot of desc., brs. N. and S. Thence over rolling land.  
72.80 Road, brs. NW. to Yucca, and SE. to Signal.  
79.15 Road, brs. N. to Yucca, and S. to Mc Cracken.  
80.02 The cor. of secs. 20, 21, 28 and 29.  
Land, gently rolling and hilly.  
Soil, sandy, 2nd rate, and rocky 4th rate.  
Timber, juniper.

Chains.

Undergrowth, greasewood, cat claw, yucca and cacti.  
Mar. 29, 1915.

Mar. 20, 1915.

N.0° 2' W., bet. secs. 20 and 21.

Over level land, through scattering timber and undergrowth.

9.75 Signboard at fork of Yucca, Signal and Mc Cracken road  
brs. E. 120 lks. dist.

10.80 Road, brs. NW. to Yucca, and SE. to Signal and Mc Cracken.

17.80 Draw, course SE.

24.60 Enter wash, course SE.

35.00 Wash, 80 lks. wide, course SSE.

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;  
 $\frac{1}{4}$ S20 in W. and  
S21 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 Ledge of rock, 25 ft. high, brs. NE. and SW.

47.00 Wash, course SSW. Asc. SE. slope, 45 ft. to

80.00 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. 16, 17, 20 and 21, marked on brass  
cap

1915 on S. rim;  
T14N R14W in N. half;  
S17 in NW.,  
S16 in NE.,  
S21 in SE. and  
S20 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 and broken.

Soil, 3rd and 4th rate.

Timber, juniper.

Undergrowth, greasewood, yucca, ocatilla and cacti.

40.00 S. 89° 53' E., on a random line, bet. secs. 16 and 21.

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

79.82 Intersect N. and S. line, 37 lks. S. of the cor. of secs.  
15, 16, 21 and 22.

Thence I run

S. 89° 51' W., on a true line, bet. secs. 16 and 21.

Over rolling land, through scattering timber and under-  
growth.

30.80 Wash, course ESE. Asc. E. slope, 245 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;  
 $\frac{1}{4}$ S16 in N. and  
S21 in S. half;

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

53.30 Top of mountain. Desc. W. slope, 170 ft.

56.80 N. side of rock butte, 100 ft. high,

61.10 Gulch, course S. Continue desc. to

76.30 Wash, course S.

79.82 The cor. of secs. 16, 17, 20 and 21.

Land, level and mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

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

Mar. 30, 1915: At this cor., I set off 3° 35' N. on the

20.

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

20.

Chains.

decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ} 33' N.$   
Mar. 30, 1915.

Apr. 1, 1915:

N.  $0^{\circ} 2'$  W., bet. secs. 16 and 17.

Over broken land, through scattering timber and undergrowth.

1.56 Draw, course SSE.

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;

 $\frac{1}{2}$ S17 in W. and

S16 in E. half;

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

57.00 Wash, course E.

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 R14W 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,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

Land, rolling and broken.

Soil, rocky 4th rate.

Timber, juniper.

Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 N.  $89^{\circ} 51'$  E., on a random line, bet. secs. 9 and 16.Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence I run

S.  $89^{\circ} 53'$  W., on a true line, bet. secs. 9 and 16.

Over hilly land, through scattering timber and undergrowth.

Desc. W. slope, 25 ft. from hill, to

4.90 Asc. E. slope, 60 ft. to

7.80 Top of hill. Desc. W. slope, 40 ft. to

10.40 Draw, course S. Asc. E. slope, 120 ft..

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;

 $\frac{1}{2}$ 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.

42.90 Rocky hill. Desc. NW. slope, 55 ft. to

50.90 Draw, course SW. Thence over rolling land.

79.90 Draw, course SE. The cor. of secs. 8, 9, 16 and 17.

Land, rolling and hilly.

Soil, rocky and sandy, 4th rate.

Timber, juniper.

Undergrowth, greasewood, cat claw, and cacti.

Apr. 1, 1915: At this cor., I set off  $4^{\circ} 21\frac{1}{2}'$  N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ} 34' N.$ 

Apr. 1, 1915.

<p>Chains.</p> <p>33.00</p> <p>40.00</p> <p>55.60</p> <p>61.10</p> <p>70.90</p> <p>75.60</p> <p>80.00</p>	<p>Apr. 4, 1915.  N.0° 2' W., bet. secs. 8 and 9.  Over rolling land, through scattering timber and undergrowth.  Gulch, course W. Asc. S. slope to  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, on spur, brs. W., for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S8 in W. and  S9 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.  Desc. N. slope to  Gulch, course W.  Wash, course W. Asc. S. slope, 355 ft. , over granite cliffs.  Granite cliff, 40 ft. high.  Ridge, brs. WNW. and ESE, Desc. N. slope, 90 ft. to  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 R14W in N. half;  S5 in NW.,  S4 in NE.,  S9 in SE. and  S8 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.  Land, rolling and mountainous.  Soil, rocky 4th rate.  Timber, juniper.  Undergrowth, yucca, greasewood, ocetilla and cacti.  Apr. 4, 1915: At this cor., I set off 5° 31' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 35' N.</p>
<p>40.00</p> <p>79.90</p> <p>25.00</p> <p>39.95</p> <p>52.05</p> <p>55.70</p> <p>73.80</p> <p>79.90</p>	<p>N.89° 53' E., on a random line, bet. secs. 4 and 9.  Set temp. <math>\frac{1}{4}</math> sec. cor.  Intersect N. and S. line, 2 lks. N. of the cor. of secs. 3, 4, 9 and 10.  Thence I run  S.89° 54' W., on a true line, bet. secs. 4 and 9.  Over rocky hills, through scattering timber and undergrowth.  Ravine, course SE. Asc. NE. slope, 90 ft.  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>S4 in N. and  S9 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.  Rocky point. Continue asc.  Asc. E. slope, 275 ft.  Top of hill. Desc. NW. slope, 270 ft. to  The cor. of secs. 4, 5, 8 and 9.  Land, hilly and mountainous.  Soil, rocky 4th rate.  Timber, juniper.  Undergrowth, greasewood, ocetilla, palo christe and cacti.  Apr. 4, 1915.</p>

Chains. Apr. 6, 1915.  
 N.0° 2' W., on a random line, bet. secs. 4 and 5.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.13 Intersect N. bdy. of Tp., 5 lks. W. 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  
 South, on a true line, bet. secs. 4 and 5.  
 Over rolling land, through scattering timber and undergrowth.  
 9.75 Wash, course SW.  
 40.13 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;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Asc. N. slope, 160 ft. to  
 54.00 Rocky ridge, brs. E. and W. Desc. S. slope, 55 ft. to  
 58.15 Draw, course W. Asc. N. slope of rocky hill, 290 ft.  
 70.65 Asc. NW. slope to  
 80,13 The cor. of secs. 4, 5, 8 and 9.  
 Land, rolling and mountainous.  
 Soil, rocky 4th rate.  
 Timber, scattering juniper.  
 Undergrowth, greasewood, cat claw, palo christe and cacti.  
 Apr. 6, 1915.

Mar. 29, 1915. At 8 hrs. 2 m., a.m., 1.m.t., I set off  
 34° 30 $\frac{1}{2}$ ' N. on the lat. arc; 3° 8 $\frac{1}{2}$ ' N. 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° 3' W., bet. secs. 31 and 32.  
 Over broken land, through scattering timber and undergrowth.  
 10.80 Gulch, course SE. Asc. S. slope, 100 ft. to  
 16.35 Spur, brs. SE. Desc. NE. slope, 130 ft. to  
 30.15 Gulch, course SE. Asc. SW. slope, 140 ft. to  
 38.65 Spur, brs. SE. Desc. NE. slope, 55 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;  
 $\frac{1}{4}$ S31 in W. and  
 S32 in E. half;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 45.65 Gulch, course SE. Asc. SW. slope, 90 ft. to  
 50.15 Spur, brs. SE. Desc. NE. slope, 45 ft. to  
 55.15 Gulch, course SE. Asc. SW. slope.  
 70.00 Spur, brs. SE. Desc. NE. slope, 40 ft. to  
 77.15 Gulch, course SE. Asc. SW. slope, 50 ft. to  
 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  
 1915 on S. rim;  
 T14N R14W in N. half;  
 S30 in NW.,  
 S29 in NE.,  
 S32 in SE. and  
 S31 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, broken.  
 Soil, rocky, 3rd rate.



Chains.

Timber, juniper.  
Undergrowth, greasewood, palo verde, yucca and cacti.

40.00 N.89° 53' E., on a random line, bet. secs. 29 and 32.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line, at the cor. of secs. 28, 29, 32 and 33.  
Thence I run  
S.89° 53' W., on a true line, bet. secs. 29 and 32.  
Over slightly rolling land, through scattering timber and undergrowth.  
7.50 Wash, course 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;  
 $\frac{1}{4}$ S29 in N. and  
S32 in S. half;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
43.50 Wash, course SE.  
63.00 Wash, course SE. Asc. NE. slope, 50 ft., over broken land. to  
78.00 Spur, brs. SE. Desc. SW. slope, to  
80.00 The cor. of secs. 29, 30, 31 and 32.  
Land, slightly rolling and broken.  
Soil, rocky, 3rd rate.  
Timber, juniper.  
Undergrowth, greasewood, cat claw, yucca and cacti.

40.00 S.89° 53' W., on a random line, bet. secs. 30 and 31.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.10 Intersect W. bdy. of Tp., 14 lks. S. 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  
N.89° 59' E., on a true line, bet. secs. 30 and 31.  
Over mountainous land, through scattering timber and undergrowth.  
Asc. W. slope, 325 ft. to  
16.80 Ridge, brs. NW. and SE. Desc. E. slope, 285 ft. to  
32.10 Gulch, course SE.  
38.50 Same gulch, course NE.  
39.10 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  
1915 on S. rim;  
 $\frac{1}{4}$ S30 in N. and  
S31 in S. half;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
44.70 Same gulch, course SE.  
54.10 Spur, brs. SE. Desc. NE. slope, 50 ft. to  
72.60 Gulch, course SE. Asc. SW. slope, 30 ft. to  
79.10 The cor. of secs. 29, 30, 31 and 32.  
Land, mountainous.  
Soil, rocky 3rd rate.  
Timber, juniper.  
Undergrowth, palo verde, palo christe and cacti.

N.0° 3' W., bet. secs. 29 and 30.  
Over hilly land, through scattering timber and undergrowth.  
Asc. SW. slope, 20 ft. to  
2.10 Spur, brs. SE. Desc. NE. slope, 95 ft. to  
17.00 Gulch, course SE. Asc. SW. slope, to  
25.00 Spur, brs. SE. Thence over broken land.

24.

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

24.

Chains.	
38.50	Gulch, course 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; $\frac{1}{4}$ S30 in W. and S29 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
43.00	Spur, brs. SE. Desc. NE. slope, 50 ft. to
58.60	Gulch, course SE.
79.80	Wash, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, on solid rock, supported by a mound of rock, for cor. of secs. 19, 20, 29 and 30, marked on brass cap  1915 on S. rim; T14N R14W in N. half; S19 in NW., S20 in NE., S29 in SE. and S30 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 and hilly. Soil, rocky 4th rate. Timber, juniper. Undergrowth, greasewood, cat claw, yucca and cacti. Mar. 29, 1915: At this cor., I set off $3^{\circ} 12'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 32'$ N.
40.00	N. $89^{\circ} 53'$ E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 16 lks. N. of the cor. of secs. 20, 21, 28 and 29. Thence I run West, on a true line, bet. secs. 20 and 29. Over level land, through scattering timber and undergrowth.
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; $\frac{1}{4}$ S20 in N. and S29 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
80.04	The cor. of secs. 19, 20, 29 and 30. Land, level. Soil, gravelly, 2nd and 3rd rate. Timber, juniper. Undergrowth, greasewood, cat claw, yucca and cacti.
40.00	S. $89^{\circ} 59'$ W., on a random line, bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor..
79.16	Intersect W. bdy. of Tp., 19 lks. S. 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 S. $89^{\circ} 53'$ E., on a true line, bet. secs. 19 and 30. Over mountainous land, through scattering timber and undergrowth. Desc. E. slope, 330 ft. to
24.00	Foot of desc., brs. N. and S. Thence over rolling land.
30.15	Gulch, course SE.

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

Chains

39.16 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;  
 $\frac{1}{4}$ S19 in N. and  
 S30 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.

79.00 Wash, course SE.

79.16 The cor. of secs. 19, 20, 29 and 30.  
 Land, rolling and mountainous.  
 Soil, rocky 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and cacti.  
 Mar. 29, 1915.

Apr. 1, 1915: At 7 hrs. 54 m., a.m., l.m.t., I set off  $34^{\circ} 32' N$  on the lat. arc;  $4^{\circ} 18\frac{1}{2}' N$  on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.  
 Thence I run  $N.0^{\circ} 3' W.$ , bet. secs. 19 and 20.  
 Over rolling land, through scattering timber and 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;  
 $\frac{1}{4}$ S19 in W. and  
 S20 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

63.00 Low ridge, brs. NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, on solid rock, supported by a mound of stone, for cor. of secs. 17, 18, 19 and 20, marked on brass cap  
 1915 on S. rim;  
 T14N R14W in N. half;  
 S18 in NW.,  
 S17 in NE.,  
 S20 in SE., and  
 S19 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, 2nd and 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, cat claw, ocatilla and cacti.

40.00 East, on a random line, bet. secs. 17 and 20.  
 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21.  
 Thence I run  $N.89^{\circ} 58' W.$ , on a true line, bet. secs. 17 and 20.  
 Over rolling land, through scattering timber and undergrowth.

17.00 Wash, course SSE.

40.00 Wash, course 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;  
 $\frac{1}{4}$ S17 in N. and  
 S20 in S. half;

Chains.

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.  
 50.00 Road, brs. NW. to Yucca, and SE. to Signal.  
 63.00 Wash, course SE.  
 80.00 The cor. of secs. 17, 18, 19 and 20.  
 Land, rolling.  
 Soil, sandy loam, 2nd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca, cat claw and cacti.

40.00 N.89° 53' W., on a random line, bet. secs. 18 and 19.  
 Set temp. ¼ sec. cor.  
 78.94 Intersect W. bdy. of Tp., 30 lks. N. 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° 54' E., on a true line, bet. secs. 18 and 19.  
 Over rolling land, through scattering timber and undergrowth.  
 8.95 Draw, course S.  
 38.94 Low ridge, brs. NW. and SE.  
 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;  
     ¼S18 in N. and  
     S19 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.  
 78.74 Wash, course SE.  
 78.94 The cor. of secs. 17, 18, 19 and 20.  
 Land, rolling.  
 Soil, rocky and sandy, 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, palo christe, yucca and cacti.  
 Apr. 1, 1915.

Apr. 4, 1915.  
 N.0° 3' W., bet. secs. 17 and 18.  
 Over gently rolling land, through scattering timber and undergrowth.  
 11.80 Gulch, course E.  
 17.00 Gulch, course E.  
 23.00 Gulch, course E.  
 29.28 Road, brs. NW. to Yucca, and SE. to Signal.  
 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;  
     ¼S18 in W. and  
     S17 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
 40.20 Wash, 80 lks. wide, course E.  
 62.66 Old 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. 7, 8, 17 and 18, marked on brass cap  
     1915 on S. rim;  
     T14N R14W in N. half;  
     S7 in NW.,  
     S8 in NE.,  
     S17 in SE. and  
     S18 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

## Chains.

Land, gently rolling.  
Soil, gravelly loam, 2nd rate.  
Timber, juniper.  
Undergrowth, greasewood, yucca, cat claw, mesquite and cacti.

S.89° 58' E., on a random line, bet. secs. 8 and 17.  
40.00 Set temp  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 8, 9, 16 and 17.  
Thence I run  
N.89° 55' W., on a true line, bet. secs. 8 and 17.  
Over rolling land, through scattering timber and undergrowth.  
7.70 Top of boulder, 20 ft. high.  
28.50 Wash, course S.  
31.70 Rocky point, brs. S.  
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;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
49.00 Wash, course S.  
57.00 Low ridge, brs. N. and S.  
57.60 Old road and trail, brs. N. and S.  
80.00 The cor. of secs. 7, 8, 17 and 18.  
Land, rolling.  
Soil, 1st half mile, rocky 4th rate; last half mile, gravelly loam, 2nd rate.  
Timber, juniper.  
Undergrowth, greasewood, yucca, palo christa, cat claw and cacti.

Apr. 4, 1915.

Apr. 6, 1915: At 8 hrs. 5 m., a.m., l.m.t., I set off 34° 34' N. on the lat. arc; 6° 13 $\frac{1}{2}$ ' 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° 54' W., on a random line, bet. secs. 7 and 18.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
78.95 Intersect the W. bdy. of the Tp., 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by R. D. A., as described in Book "A".  
Thence I run  
N.89° 57' E., on a true line, bet. secs. 7 and 18.  
Over rolling land, through scattering timber and undergrowth.  
30.75 Road, brs. NW. to Yucca, and SE. to Signal.  
37.25 Wash, course S.  
38.95 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;  
 $\frac{1}{4}$ S7 in N. and  
S18 in S. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
40.75 Wash, course S.  
77.25 Old road, brs. N. and S.

Chains. 78.95	The cor. of secs. 7, 8, 17 and 18. Land, rolling. Soil, sandy loam, 2nd and 3rd rate. Timber, juniper. Undergrowth, yucca, palo christo, and cacti.
14.30 40.00	N.0° 3' W., bet. secs. 7 and 8. Over slightly rolling land, through scattering timber and undergrowth. Old road, brs. NW. and SE. Set an iron post, 3 ft. long, 1 in. diam., 6 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; $\frac{1}{4}$ S7 in W. and S8 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. 5, 6, 7 and 8, marked on brass cap 1915 on S. rim; T14N R14W in N. half; S6 in NW., S5 in NE., S8 in SE. and S7 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, sandy loam, rocky in places; 2nd and 3rd rate. Timber, juniper. Undergrowth, greasewood, yucca, cat claw and soap-weed.
40.00 80.30	S.89° 55' E., on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 7 lks. S. 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 rolling land, through scattering timber and undergrowth.
10.00 40.15	Desc. W. slope, 170 ft. to Foot of desc. brs. N. and S. Thence over rolling land. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, on low knoll, 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; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
61.30 63.30 80.30	Wash, course S. Low knoll. The cor. of secs. 5, 6, 7 and 8. Land, rolling and hilly. Soil, sandy loam, 2nd rate, and rocky 4th rate. Timber, juniper. Undergrowth, greasewood, cat claw, yucca and soap-weed.

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

Chains.  
 40.00 S.89° 57' W., on a random line, bet. secs. 6 and 7.  
 Set temp.  $\frac{1}{4}$  sec, cor.  
 ✓78.85 Intersect W. bdy. of Tp., 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, established by R. D. A., as described in Book "A".  
 Thence I run  
 East on a true line, bet. secs. 6 and 7.  
 Over slightly rolling land, through scattering timber and undergrowth.  
 27.35 Wash, course S.  
 ✓38.85 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;  
 $\frac{1}{4}$ S6 in N. and  
 S7 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 58.45 Low ridge, brs. N. and S.  
 ✓78.85 The cor. of secs. 5, 6, 7 and 8.  
 Land, gently rolling.  
 Soil, sandy loam, 2nd and 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca, cat claw and cacti.  
 Apr. 6, 1915: At this cor., I set off  $6^{\circ} 16\frac{1}{2}'$  N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ} 35' N$ .

40.00 N.0° 3' W., on a random line, bet. secs. 5 and 6.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 ✓79.94 Intersect N. bdy. of Tp., 35 lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, established by R. D. A., as described in Book "A".  
 Thence I run  
 S.0° 12' W., on a true line, bet. secs. 5 and 6.  
 Over rolling land, through scattering timber and undergrowth.  
 6.90 Road, brs. E. to Groom's Springs, and W. to Yucca.  
 14.95 Low knoll.  
 ✓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;  
 $\frac{1}{4}$ 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.  
 61.45 Old road, brs. NE. and SW.  
 ✓79.94 The cor. of secs. 5, 6, 7 and 8.  
 Land, rolling.  
 Soil, sandy loam, 3rd rate.  
 Timber, juniper.  
 Undergrowth, yucca, palo christo and cacti.  
 Apr. 6, 1915.

The Tp. consists chiefly of rough and broken land, especially in the NE. half; The SW. portion is more rolling. The drainage is generally to the SE. and to the S. in the W. half. On the slopes, the soil consists of rocky sand and clay, and in the draws it is sandy, varying from 2nd rate in a few places to 4th rate over a considerable area. A little grass grows, supporting a few cattle, but the vegetation consists chiefly of yucca, cholla, ocatilla, palo verde, palo christo, greasewood, iron wood, mesquite, giant cacti, and cat claw. There are no settlers. There is a spring in sec. 4, and one in sec. 27. No marked evidence of mineral.

U. S. Surveyor.



31

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 14 West,  
of the Gila and Salt River Base and Meridian, Arizona,

executed by Irving W. Stoddard, U.S. Surveyor, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
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 "H," \_\_\_\_\_, has been correctly copied from the original notes on file in this office.~~

~~Surveyor General.~~

~~of Arizona.~~