

# BOOK "N" FIELD NOTES

OF THE SURVEY OF THE

*Subdivision Lines of*

*Township 15 North - Range 14 West*

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

*In the State of Arizona*

EXECUTED BY

*H. N. Bradstreet*

*and*

*Carl Dyson*

*In the capacity of U. S. ~~Surveyor~~ <sup>Transitman</sup>, 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 May 13, 1915.*

*Survey completed May 27, 1915.*

*and executed under assignment instructions dated April 1-10 <sup>and 26,</sup> 1915.*

2925

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1A

# Book "N"

BOOK 2925

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Notes in Book "A"

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

Chains.

Survey commenced May 13, 1915, and executed jointly by H. N. Bradstreet, U. S. Transitman, and Carl Dyson, U. S. Transitman, with Young and Sons' light mountain transits Nos. 7109 and 8539, respectively, with Smith solar attachments. For description of instruments, and certificate of approval, see subdivision of T. 16 N., R. 13 W. For tests of adjustment, see subdivision of T. 16 N., R. 14 W.

In the following field notes, the initials H. N. B. and C. D. refer to H. N. Bradstreet and Carl Dyson, U. S. Transitmen, respectively.

H. N. B. and C. D.

H. N. B.

May 20, 1915: At 10 hrs. 0 m., a.m., l.m.t., I set off  $\sqrt{34^{\circ} 35\frac{1}{2}' N.}$  on the lat. arc;  $19^{\circ} 52' N.$  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. Armstrong, U. S. Transitman, as described in Book "A".

Thence I run

N.0° 1' W., bet. secs. 35 and 36.

Over mountainous land, through scattering undergrowth.

Asc. SW. slope, 135 ft. to

12.80 Low spur, brs. W. Desc. slightly to

15.80 Draw, course SW. Asc. 70 ft. to

19.80 Spur, brs. W. Desc. NW. slope, 40 ft. to

27.80 Draw, course SW. Asc. S. slope, 30 ft. to

32.80 Ridge, brs. E. and W. Desc. NE. slope, 25 ft. to

37.85 Draw, course E. Asc. to

40.00 Spur, extends 2 chs. E.

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;

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.

Desc. NE. slope to

41.10 Draw, course SE. Asc. SE. slope, 75 ft. to

46.05 Spur, extends 2 chs. E. Desc. NE. slope, 65 ft. to

56.80 Gulch, 1 ch. wide, course E. Asc. S. slope, 335 ft. to

69.80 Asc. SE. slope, 50 ft. to

73.30 Thence along E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on solid rock, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

1915 on S. rim;

T15N 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, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, mesquite, cacti and scrub cedar.

May 20, 1915: At this cor., I set off  $19^{\circ} 53' N.$  on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ} 36\frac{1}{2}' N.$

N.89° 51' E., on a random line, bet. secs. 25 and 36.

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

80.41 Intersect E. bdy. of Tp., 40 lks. N. of the cor. of secs. 25 and 36, which is a stone, established by Hans. D.

Chains.	
	Voigt, U. S. Transitman, as described in Book "A".
	Thence I run
	N. 89° 52' W., on a true line, bet. secs. 25 and 36.
	Over mountainous land, through scattering undergrowth.
	Asc. SE. slope, 30 ft. to
3.50	Spur, brs. SW. Desc. NW. slope, 315 ft. to
23.00	Gulch, 10 lks. wide, course SW. Asc. SE. slope, 20 ft. to
23.50	Low spur, slopes S.. Desc. SW. slope, 225 ft. to
38.00	Desc. W. slope, 50 ft.
40.20 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. diam., on solid rock, in a mound of stone, 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;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
45.00	Gulch, 8 lks. wide, course SW. Asc. SE. slope, 10 ft. to
46.00	Spur, slopes SW.. Desc. W. slope to
48.00	Thence over level land.
55.00	Desc. SW. slope, 25 ft. to
60.00	Center of wash, 1.50 chs. wide, course SE. Asc. NE. slope, 100 ft. to
65.00	Thence along N. slope.
67.00	Gulch, 5 lks. wide, course NE. Asc. E. slope, 250 ft. to
80.41	The cor. of secs. 25, 26, 35 and 36.
	Land, level and mountainous.
	Soil, rocky; 4th rate.
	No timber.
	Undergrowth, greasewood, mesquite, cat claw and scrub cedar.
	N. 0° 1' W., bet. secs. 25 and 26.
	Over mountainous land, through scattering undergrowth.
	Desc. NE. slope, 250 ft. to
17.00	Gulch, course SE. Asc. S. slope, 50 ft. to
23.00	Spur, brs. E. Desc. NE. slope, 25 ft. to
27.50	Draw, course SE. Asc. S. slope, 180 ft.
	May 20, 1915.
	May 21, 1915: At 9 hrs. 3 m., a.m., 1.m.t., I set off 34° 37' N. on the lat. arc; 20° 4' N. on the decl. arc; and determine a meridian with the solar.
	Thence I continue
	N. 0° 1' W., bet. secs. 25 and 26.
	Asc. SE. slope, 115 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, in 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.
43.50	Spur, extends 1 ch. E. Desc. NE. slope, 20 ft. to
51.00	Wash, course SE. Asc. S. slope, 370 ft. to
63.00	Ridge, brs. E. and W. Desc. N. slope 60 ft. to
66.00	Gulch, course W. Asc. S. slope, 115 ft. to
69.40	Ridge, brs. E. and W. Desc. NE. slope, 30 ft. to
74.40	Draw, course SE. Asc. S. slope, 70 ft. to
79.25	Asc. SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, supported in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap
	1915 on S. rim;
	T15N R14W in N. half;
	S23 in NW.,
	S24 in NE.,
	S25 in SE. and

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

Chains.	
	<p>S26 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. No timber. Undergrowth, scrub oak, cacti, and scrub cedar.</p>
40.00	S.89° 52' E., on a random line, bet. secs. 24 and 25.
80.30	Set temp. ¼ sec. cor. Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 24 and 25, which is a stone, established by Hans D. Voigt, U. S. Transitman, as described in Book "A". Thence I run N.89° 55' W., on a true line, bet. secs. 24 and 25. Over mountainous land, through dense undergrowth. Desc. 135 ft. in gulch, course W. to 14.30 Leave gulch, course SW. Asc. slightly to 15.00 Desc. SW. slope, 40 ft. to 16.60 Gulch, course S. Asc. SE. slope, 45 ft. to 21.55 Spur, brs. S. Desc. W. slope, 80 ft. to 26.30 Wash, course S. Asc. E. slope, 70 ft. to 28.30 Spur, extends 2 chs. S. Desc. SW. slope, 15 ft. to 31.80 Gulch, course SE. Asc. 90 ft. to 40.15 Ridge, brs. NE. and SW. 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; ¼S24 in N. and S25 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Desc. NW. slope, 130 ft. to 45.80 Draw, course N. Asc. NE. slope, 40 ft. to 50.30 Thence along N. slope to 60.30 Asc. NE. slope, 45 ft. to 65.30 Ridge, brs. NW. and SE. Desc. SW. slope, 170 ft. to 75.50 Draw, course S. Asc. SE. slope, 35 ft. to 77.80 Spur, extends S. 50 lks. Desc. SW. slope, 55 ft. to 80.30 The cor. of secs. 23, 24, 25 and 26. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub oak, cacti, and scrub cedar. May 21, 1915: At this cor., I set off 20° 5½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 37½' N.
2.00	N.0° 1' W., bet. secs. 23 and 24. Over mountainous land, through dense undergrowth. Asc. SW. slope, 20 ft. to 10.00 Spur, brs. W. 5 chs. Desc. NW. slope, 25 ft. to 12.00 Draw, course W. Asc. SW. slope 10 ft. to 27.00 Rock point, brs. W. 1 ch. Desc. N. slope, 170 ft. to Center of wash, 1 ch. wide, course W. Asc. SE. slope, 60 ft. to 34.25 Low spur, extends 10 chs. SW. Desc. NW. slope. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, supported in a mound of stone, for ¼ sec. cor. marked on brass cap 1915 on S. rim; ¼S23 in W. and S24 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high,

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

Chains.

W. of cor. Pits impracticable.

41.00 Draw, course SW. Asc. S. slope, 240 ft. to  
 65.00 Ridge, brs. NE. and SW. Desc. NW. slope, 35 ft. to  
 68.00 Draw, course W. Asc. SW. slope to  
 71.00 Spur, extends 2 chs. W. Desc. NW. slope, 30 ft. to  
 75.20 Gulch, 1 ch. wide, course SW. Asc. 30 ft. to  
 78.50 Desc. NW. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the  
 ground, in a mound of stone, for cor. of secs. 13, 14,  
 23 and 24, marked on brass cap  
 1915 on S. rim;  
 T15N 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, 1½ ft. high,  
 W. of cor. Pits impracticable.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, scrub oak, cacti and scrub cedar.  
 May 21, 1915.

May 22, 1915: At 9 hrs. 3 m., a.m., l.m.t., I set off 34°  
 38½' N. on the lat. arc; 20° 16½' 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  
 S. 89° 55' E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.  
 80.38 Intersect E. bdy. of Tp., 12 lks. S. of the cor. of secs.  
 13 and 24, which is a stone, established by C. D., as  
 described in Book "A".

Thence I run  
 West on a true line, bet. secs. 13 and 24.  
 Over mountainous land, through scattering undergrowth.  
 Asc. SE. slope, 155 ft. to

8.40 Spur, extends 20 chs. NE. Desc. NW. slope, 130 ft. to  
 18.65 Gulch, 10 lks. wide, course NE. Asc. E. slope, 70 ft. to  
 22.00 Spur, brs. N. 10 chs. Desc. NW. slope, 45 ft. to  
 29.95 Gulch, 5 lks. wide, course N. Asc. NE. slope, 25 ft. to  
 31.90 Spur, extends 5 chs. N. Desc. NW. slope, 30 ft. to  
 35.40 Gulch, 10 lks. wide, course N. Asc. NE. slope, 285 ft.  
 40.19 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the  
 ground, in a mound of stone, for ¼ sec. cor., marked on  
 brass cap  
 1915 on S. rim;  
 ¼ S13 in N. and  
 S24 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.

51.40 Asc. E. slope to  
 56.40 Ridge, brs. NW. and SE. Desc. SW. slope, 420 ft.  
 62.80 Desc. NW. slope to  
 77.70 Gulch, 5 lks. wide, course SW. Asc. SE. slope to  
 78.80 Spur, extends 3 chs. S. Desc. W. slope, 30 ft. to  
 80.38 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, scrub oak, cacti and scrub cedar.

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

Chains.

N.0°1' W., bet. secs. 13 and 14.  
 Over mountainous land, through scattering undergrowth.  
 .50 Gulch, course SW. Asc. S. slope, 200 ft. to  
 12.00 Ridge, brs. E. and W. Desc. NW. slope, 125 ft. to  
 17.75 Gulch, 50 lks. wide, course SW. Asc. SE. slope, 185 ft.  
 to  
 25.00 Ridge, brs. NE. and SW. Desc. NW. slope, 145 ft. to  
 34.25 Center of wash, 1 ch. wide, course SW. Asc. SE. slope,  
 20 ft. to  
 37.25 Spur, brs. SW. 5 chs. Desc. NW. slope to  
 39.75 Draw, course SW. Asc. S. slope, 135 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;  
 $\frac{1}{4}$ 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.  
 May 22, 1915: At this cor., I set off 20° 17 $\frac{1}{2}$ ' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 38 $\frac{1}{2}$ ' N.  
 48.50 Spur, extends 20 chs. SW. Desc. NW. slope, 25 ft. to  
 53.10 Wash, 25 lks. wide, course SW. Asc. S. slope, 375 ft. to  
 68.10 Ridge, brs. E. and W. Desc. NE. slope, 225 ft. to  
 76.00 Draw, course E. Asc. SE. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
 ground, for cor. of secs. 11, 12, 13 and 14, marked on  
 brass cap  
 1915 on S. rim;  
 T15N 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, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotillo and cacti.  
 May 22, 1915.

May 24, 1915: At 8 hrs. 53 m., a.m., l.m.t., I set off  
 34° 39' N. on the lat. arc; 20° 39 $\frac{1}{2}$ ' N. on the decl.  
 arc; and determine a meridian with the solar at the  
 cor. of secs. 11, 12, 13 and 14.  
 Thence I run  
 East on a random line, bet. secs. 12 and 13.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.49 Intersect E. bdy. of Tp., 35 lks. N. of the cor. of secs.  
 12 and 13, which is a stone, established by C. D., as  
 described in Book "A".  
 Thence I run  
 N.89° 45' W., on a true line, bet. secs. 12 and 13.  
 Over mountainous land, through dense undergrowth.  
 Asc. 265 ft. to  
 7.50 Desc. slightly to  
 8.00 Gulch, course NE. Asc. E. slope, 410 ft. to  
 27.00 Ridge, brs. N. and S. Desc. W. slope, 555 ft.  
 40.24 $\frac{1}{2}$  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;  
 $\frac{1}{4}$ 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.  
 50.50 Gulch, 20 lks. wide, course N. Asc. NE. slope, 70 ft. to

Chains.	
55.50	Spur, extends 5 chs. N. Desc. NW. slope, 25 ft. to
58.90	Gulch, 20 lks. wide, course N. Asc. NE. slope, 45 ft. to
65.50	Low spur, extends 1 ch. N. Desc. NW. slope, 50 ft. to
70.25	Gulch, 15 lks. wide, course NE. Asc. E. slope, 255 ft. to
80.49	The cor. of secs. 11, 12, 13 and 14. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub oak, cacti and scrub cedar.
	N.0° 1' W., bet. secs. 11 and 12. Over mountainous land, through scattering undergrowth. Asc. SE. slope 10 ft. to
1.00	Spur, extends 10 chs. E. Desc. NE. slope, 70 ft. to
4.00	Desc. N. slope, 145 ft. to
9.00	Desc. NW. slope, 150 ft. to
20.50	Gulch, course W. Asc. SW. slope, 40 ft. to
27.50	Spur, extends 5 chs. W. Desc. NW. slope, 50 ft. to
32.00	Gulch, course W. Asc. SW. slope, 15 ft. to
37.50	Spur, extends 5 chs. W. Desc. NW. slope, 260 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 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.
67.00	Center of wash, 1 ch. wide, course NE. Thence over roll- ing land.
75.00	Draw, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 11 ins. in the ground, on solid rock, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, marked on brass cap 1915 on S. rim; T15N 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, rolling and mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub oak, cacti and scrub cedar. May 24, 1915: At this cor., I set off 20° 41' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 40' N.✓
40.00	S.89° 45' E. on a random line, bet. secs. 1 and 12. Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect E. bdy. of Tp., at the cor. of secs. 1 and 12, which is a stone, established by C. D., as described in Book "A" Thence I run N.89° 45' W., on a true line, bet. secs. 1 and 12. Over rolling land, through scattering undergrowth. Desc. NW. slope, 25 ft. to
7.45	Gulch, course NE. Asc. SE. slope, 50 ft. to
12.20	Ridge, brs. NE. and SW. Desc. NW. slope, 75 ft. to
19.20	Gulch, 50 lks. wide, course NE. Asc. SE. slope, 120 ft.
20.95	Road, brs. N. to Chicken Springs and Yucca, and S. to Shannon Mine.



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

7.

Chains.

39.20

Low ridge, brs. N. and S. Desc. slight NW. slope.

39.80

Road, brs. N. to Chicken Springs, and Yucca, and S. to Shannon Mine.

40.09

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in mound of stone, 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.

45.20

Draw, course N.

50.20

Draw, course NE.

64.20

Center of wash, 1 ch. wide, course NE. Well brs. S. 1 ch. dist.

65.20

Old road, brs. NE. and SW.

80.18

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

Land, rolling and mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, scrub oak and cedar.

40.00

N.0° 1' W., on a random line, bet. secs. 1 and 2.

79.70

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

Intersect N. bdy. of Tp., 7 lks. W. of the cor. of secs. 1, 2, 36 and 35, which is an iron post, established by C. D., as described in Book "A".

Thence I run

S.0° 2' W., on a true line, bet. secs. 1 and 2.

Over rolling land, through scattering undergrowth.

5.60

Road, brs. W. to Chicken Springs and Yucca, and E. to Shannon Mine. Desc. SE. slope, 45 ft. to

15.70

Draw, course E. Asc. N. slope, 75 ft. to

31.20

Low ridge, brs. E. and W. Desc. slight SE. slope, 25 ft. to

34.70

Draw, course E. Asc. N. slope, 140 ft.

39.70

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 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.

59.70

Thence over rolling land.

79.70

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

Land, rolling.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, ocotilla and scrub cedar.

H. N. B.  
May 24, 1915.

May 20, 1915: C. D.

At 10 hrs. 0 m., a.m., 1.m.t., I set off 34° 35 $\frac{1}{2}$ ' N. on the lat. arc; 19° 52' 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. Armstrong, U. S. Transitman, as described in Book "A".

Thence I run

N.0° 1' W., bet. secs. 34 and 35.

Over rolling land, through scattering undergrowth.

5.80

Center of wash, 2 chs. wide, course E.

32.70

Wash, course E.

Chains.	
36.30	Wash, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; S34 $\frac{1}{4}$ 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.
45.20	Wash, course SW.
49.30	Wash, course SW.
61.00	Wash, course SW. Asc. 90 ft. to
62.70	Ridge, brs. NE. and SW. Desc. to
65.00	Wash, course SW. Asc. 260 ft. to
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; T15N 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, rolling and mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde, ocotilla and scrub oak. May 20, 1915: At this cor., I set off 19° 53' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 36 $\frac{1}{2}$ ' N. May 20, 1915.
	May 21, 1915: At 8 hrs. 4 m., a.m., l.m.t., I set off 34° 36 $\frac{1}{2}$ ' N. on the lat. arc; 20° 4' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 26, 27, 34 and 35. Thence I run N.89° 51' E., on a random line, bet. secs. 26 and 35. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 79.95 Intersect N. and S. line, 35 lks. N. of the cor. of secs. 25, 26, 35 and 36. Thence I run N.89° 54' W., on a true line, bet. secs. 26 and 35. Over mountainous land, through scattering undergrowth. Asc. to 3.45 Ridge, brs. NW. and SE. Desc. 100 ft. to 9.95 Wash, course S. Asc. SE. slope, 175 ft. to 30.45 Asc. NE. slope to 36.45 Ridge, brs. NW. and SE. Desc. 215 ft. 39.97 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, 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. 48.35 Wash, course S. Asc. 55 ft. to 58.55 Ridge, brs. NE. and SW. Desc. 240 ft. to 68.95 Wash, course NW. Asc. NE. slope to 79.95 The cor. of secs. 26, 27, 34 and 35. Land, mountainous. Soil, rocky; 3rd and 4th rate. No timber. Undergrowth, greasewood, palo verde, ocotilla and scrub

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

9.

Chains.

cedar.  
May 21, 1915: At this cor., I set off 20° 5½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 36½' N.✓

N.0° 1' W., bet. secs. 26 and 27.  
Over mountainous land, through scattering undergrowth.  
Desc. NE. slope, 125 ft. to  
13.50 Center of wash, 1 ch. wide, course NW. Asc. 315 ft. to  
34.50 Spur, brs. W. Desc. NW. slope, to  
39.00 Wash, course W. Asc. 245 ft.  
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;  
S27 ¼ in W. and  
S26 in E. half;  
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
50.50 Spur, brs. SW. Desc. NW. slope, 150 ft. to  
66.00 Wash, course SW. Asc. SE. slope, 85 ft. to  
72.20 Ridge, brs. NE. and SW. Desc. NW. slope 25 ft. to  
76.50 Draw, course NE. Asc. 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;  
T15N 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, 1½ ft. high, W. of cor. Pits impracticable.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, palo verde, ocotilla and scrub cedar.  
May 21, 1915.

40.00 May 22, 1915:  
S.89° 54' E., on a random line, bet. secs. 23 and 26.  
Set temp. ¼ sec. cor.  
79.86 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 23, 24, 25 and 26.  
Thence I run  
N.89° 58' W., on a true line, bet. secs. 23 and 26.  
Over mountainous land, through scattering undergrowth.  
Desc. NW. slope, 110 ft. to  
12.25 Head of draw, course SW. Desc. SW. slope, 255 ft. to  
35.35 Enter draw, course NW.  
39.93 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;  
¼S23 in N. and  
S26 in S. half;  
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.  
45.05 Leave draw, course NW. Asc. NE. slope, 115 ft. to  
49.85 Ridge, brs. NW. and SE. Desc. SW. slope to  
61.35 Center of wash, 1 ch. wide, course NW. Asc. 45 ft. to  
68.85 Ridge, brs. NW. and SE. Desc. to  
74.85 Draw, course NW. Asc. 85 ft. to  
79.86 The cor. of secs. 22, 23, 26 and 27.  
Land, mountainous.

Chains.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.

May 22, 1915: At this cor., I set off  $20^{\circ} 17\frac{1}{2}'$  N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ} 37\frac{1}{2}'$  N. ✓N.  $0^{\circ} 1'$  W., bet. secs. 22 and 23.

Over mountainous land, through dense undergrowth.

Desc. NE. slope, 205 ft. to

14.95 Enter wash, course NW.

20.15 Leave wash, course NW. Asc. 190 ft. to

32.50 Ridge, brs. NE. and SW. Desc. NW. slope, 75 ft. to

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;

S22  $\frac{1}{4}$  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.

Thence over rolling land.

60.80 Desc. to

62.90 Wash, course SW. Asc. to

65.00 Ridge, brs. NE. and SW. Desc. NW. slope, 80 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;

T15N 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 and mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.

C. D.

May 22, 1915.

May 24, 1915: H. N. B.

S.  $89^{\circ} 58'$  E., on a random line, bet. secs. 14 and 23.40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence I run

N.  $89^{\circ} 55'$  W., on a true line, bet. secs. 14 and 23.

Over mountainous land, through dense undergrowth.

Desc. 35 ft. to

1.00 Gulch, course SW. Asc. SE. slope 20 ft. to

3.00 Spur, extends 2 chs. SW. Desc. SW. slope, 85 ft. to

20.40 Gulch, course S. Asc. E. slope, 90 ft. to

26.50 Ridge, brs. N. and S. Desc. SW. slope, 145 ft. to

35.50 Gulch, course SW. Asc. SE. slope, 80 ft. to

37.50 Spur, brs. S. Desc. SW. slope, 60 ft.

39.00 Top of perpendicular bluff, brs. NW. and SE.

40.02 Foot of bluff; wash, 50 lks. wide. True point for  $\frac{1}{4}$  sec. cor.40.50 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for witness cor. to  $\frac{1}{4}$  sec.

Chains.

	<p>cor., marked on brass cap  1915 on S. rim;  WC in W.,  <math>\frac{1}{4}</math>S14 in N. and  S23 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.  Asc. SE. slope, 115 ft. to  51.00 Spur, extends S. 10 chs. Desc. SW. slope, 110 ft. to  62.50 Center of gulch, 1 ch. wide, course SE. Asc. E. slope,  100 ft. to  69.80 Ridge, brs. N. and S. Desc. SW. slope, 115 ft. to  80.04 The cor. of secs. 14, 15, 22 and 23.  Land, mountainous.  Soil, rocky; 4th rate.  No timber.  Undergrowth, greasewood, palo verde, ocatilla and scrub  cedar.</p> <p style="text-align: right;">H. N. B.  May 24, 1915.</p>
	<p>May 24, 1915: C. D.  At 8 hrs. 32 m., a.m., l.m.t. I set off <math>34^{\circ} 38\frac{1}{2}'</math> N. on  the lat. arc; <math>20^{\circ} 39\frac{1}{2}'</math> N. on the decl. arc; and deter-  mine a meridian with the solar at the cor. of secs.  14, 15, 22 and 23.  Thence I run  N. <math>0^{\circ} 1'</math> W., bet. secs. 14 and 15.  Over mountainous land, through dense undergrowth.  Asc. along W. slope, 165 ft. to  19.00 Desc. 60 ft. to  26.00 Center of wash, 70 lks. wide, course SW. Asc.  29.00 Ridge, brs. NE. and SW. Desc. NW. slope, 15 ft. to  33.00 Wash, course SW. Asc. 585 ft.  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;  S15 <math>\frac{1}{4}</math> in W. and  S14 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.  70.15 Ridge, brs. NE. and SW. Desc. NW. slope, 35 ft. to  75.05 Center of Draw, course SW. Asc. 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;  T15N R14W 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, <math>1\frac{1}{2}</math> ft. high,  W. of cor. Pits impracticable.  Land, mountainous.  Soil, rocky; 4th rate.  No timber.  Undergrowth, greasewood, palo verde, ocatilla and scrub  cedar.</p>
	<p>S. <math>89^{\circ} 55'</math> E., on a random line, bet. secs. 11 and 14.  40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.  79.78 Intersect N. and S. line, 9 lks. N. of the cor. of secs.  11, 12, 13 and 14.  Thence I run</p>

Chains.

N.89° 51' W., on a true line, bet. secs. 11 and 14.  
 Over mountainous land, through dense undergrowth.  
 Asc. SE. slope, 100 ft. to  
 6.25 Spur, brs. N. 20 chs. Desc. NW. slope, 225 ft. to  
 21.50 Gulch, 50 lks. wide, course N. Asc. NE. slope, 345 ft. to  
 39.89 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.  
 Desc. SW. slope, 140 ft. to  
 46.28 Head of gulch, course N. Asc. 30 ft. to  
 50.08 Wire fence on ridge, brs. NW. and SE. Desc. to  
 64.80 Draw, course SW. Asc. 30 ft. to  
 67.40 Thence along S. slope to  
 73.20 Draw, course SE. Asc. 40 ft. to  
 79.78 The cor. of secs. 10, 11, 14 and 15.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.

N.0° 1' W., bet. secs. 10 and 11.  
 Over mountainous land, through dense undergrowth.  
 Desc. to  
 7.50 Draw, course SE. Asc. SW. slope, 150 ft.  
 11.40 Wire fence, brs. NW. and SE.  
 14.20 Ridge, brs. NW. and SE. Desc. NE. slope, 625 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;  
 S10  $\frac{1}{4}$  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.  
 May 24, 1915: At this cor., I set off 20° 41' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 39 $\frac{1}{2}$ ' N. ✓  
 42.90 Wash, course NE.  
 45.90 Wash, course NW. Asc. 25 ft. to  
 48.80 Desc. 140 ft. to  
 62.00 Wash, course NE. Asc. 30 ft. to  
 67.50 Desc. 55 ft. to  
 77.20 Enter wash, course NE.  
 79.00 Leave wash, course NE. Asc. SE. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in  
 the ground, for cor. of secs. 2, 3, 10 and 11, marked  
 on brass cap  
 1915 on S. rim;  
 T15N 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, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.

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

Chains. S.89° 51' E., on a random line, bet. secs. 2 and 11.  
 40.00 Set temp. 1/4 sec. cor.  
 80.00 Intersect N. and S. line, 19 lks. N. of the cor. of secs. 1, 2, 11 and 12.  
 Thence I run  
 N.89° 43' W., on a true line, bet. secs. 2 and 11.  
 Over mountainous land, through scattering undergrowth.  
 Desc. to  
 11.90 Wash, course NE. Asc. 230 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap  
 1915 on S. rim;  
 1/4 S2 in N. and  
 S11 in S. half;  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.  
 Asc. NE. slope to  
 50.90 Ridge, brs. NW. and SE. Desc. SW. slope, 50 ft. to  
 52.70 Center of wash, 1 ch. wide, course NW.  
 57.80 Center of wash, 1 ch. wide, course NE.  
 64.90 Center of wash, 1 ch. wide, course NE. Thence along N. slope of ridge.  
 76.90 Center of wash, 2 chs. wide, course NE. Asc. 40 ft. to  
 80.00 The cor. of secs. 2, 3, 10 and 11.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub cedar.

40.00 N.0° 1' W., on a random line, bet. secs. 2 and 3.  
 Set temp. 1/4 sec. cor.  
 79.50 Intersect N. bdy. of Tp., 21 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".  
 Thence I run  
 S.0° 8' W., on a true line, bet. secs. 2 and 3.  
 Over mountainous land, through dense undergrowth.  
 Asc. to  
 15.70 Spur, brs. NE. Desc. 90 ft. to  
 18.50 Enter wash, course NE.  
 25.50 Leave wash, course NE. Asc. to  
 27.50 Ridge, brs. NE. and SW. Desc. SE. slope to  
 28.65 Enter wash, course NE.  
 34.40 Leave wash, course NE. Asc. 75 ft.  
 39.50 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;  
 S3 1/4 in W. and  
 S2 in E. half;  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.  
 42.40 Ridge, brs. NE. and SW. Desc. to  
 47.90 Draw, course NE. Asc. NW. slope, 355 ft. to  
 77.50 Ridge, brs. NE. and SW. Desc. SE. slope to  
 79.50 The cor. of secs. 2, 3, 10 and 11.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub cedar.

May 24, 1915.

14

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

Chains.

	May. 20, 1915.
	From the cor. of secs. 3, 4, 33 and 34 on S. bdy. of T. 15 N., an iron post, established by R. D. Armstrong, U. S. Transitman, as described in Book "A", I run
	N. 0° 2' W., bet. secs. 33 and 34.
	Over mountainous land, through dense undergrowth.
	Desc. to
.50	W. bank of wash, course S. Asc. SE. slope, 150 ft. to
26.50	Ridge, brs. NE. and SW. Desc. NW. slope, 80 ft. to
38.20	Wash, course SW. Asc. 45 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; S33 $\frac{1}{4}$ 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.
46.70	Ridge, brs. NE. and SW. Desc. NW. slope, 15 ft. to
54.90	Wash, course SW.
66.20	Wash, course SW. Asc. SE. slope, 55 ft. to
71.70	Ridge, brs. NE. and SW. Desc. NW. slope, 35 ft. to
77.60	Wash, course SW. Asc. to
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; T15N R14W 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, mountainous.
	Soil, rocky; 4th rate.
	No timber.
	Undergrowth, greasewood, palo verde, ocotillo and scrub cedar.
40.00	N. 89° 51' E., on a random line, bet. secs. 27 and 34.
80.03	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 46 lks. N. of the cor. of secs. 26, 27, 34 and 35. Thence I run N. 89° 49' W., on a true line, bet. secs. 27 and 34. Over mountainous land, through scattering undergrowth. Desc. SW. slope 290 ft.
11.55	Spur, brs. SW. Desc. NW. slope to
17.15	Center of wash, 1 ch. wide, course SW. Asc. SE. slope, 90 ft. to
31.05	Ridge, brs. N. and S. Desc. 115 ft. to
37.45	Enter wash, course SW.
39.50	Leave wash, course SW. Asc. SE. 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; $\frac{1}{4}$ S27 in N. and S34 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
50.00	Ridge, brs. N. and S. Desc. SW. slope to
57.85	Wash, course SE. Asc. 15 ft. to
59.25	Ridge, brs. NE. and SW. Desc. NW. slope, 90 ft. to
64.05	Wash, course SW. Asc. 190 ft. to
76.05	Ridge, brs. NE. and SW. Desc. NW. slope, 120 ft. to
78.75	Wash, course SW. Asc. to
80.03	The cor. of secs. 27, 28, 33 and 34. Land, mountainous. Soil, rocky; 4th rate.



Chains.

No timber.  
Undergrowth, greasewood, palo verde, ocotille and scrub cedar.

N.0° 2' W., bet. secs. 27 and 28.  
Over rolling and mountainous land, through dense undergrowth.  
Asc. 25 ft. to  
7.50 Ridge, brs. NE. and SW. Desc. NW. slope, 60 ft. to  
15.60 Wash, course SW. Asc. SE. slope, 60 ft. to  
27.00 Low ridge, brs. NE. and SW. Desc. 30 ft. to  
33.50 Wash, course SW.  
38.60 Wash, course SW. Asc. 100 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;  
S28  $\frac{1}{4}$  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.  
52.50 Low ridge, brs. E. and W. Desc. 20 ft. to  
57.20 Center of wash, 70 lks. wide, course SW.  
62.10 Wash, course SW.  
65.80 Enter wash, course SE.  
67.00 Leave wash, course SE. Asc. 105 ft. to  
73.00 Low ridge, brs. NE. and SW. Desc. NW. slope, 40 ft. to  
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;  
T15N 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, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, rolling and mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, palo verde, ocotille and scrub cedar.

May 20, 1915.

40.00  
80.08  
8.60  
26.90  
40.04

May 22, 1915: At 9 hrs. 3 m., a.m., l.m.t., I set off 34° 37 $\frac{1}{2}$ ' N. on the lat. arc; 20° 16 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 21, 22, 27 and 28.  
Thence I run  
S.89° 49' E., on a random line, bet. secs. 22 and 27.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, at 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 mountainous land, through dense undergrowth.  
Asc. 105 ft. to  
Ridge, brs. NW. and SE. Desc. SW. slope, 390 ft. to  
Center of wash, 1.50 chs. wide, course SW. Asc. 120 ft.  
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;

<p>Chains.</p> <p>47.10</p> <p>56.90</p> <p>64.60</p> <p>70.10</p> <p>73.70</p> <p>80.08</p>	<p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.</p> <p>Desc. SW. slope, 50 ft. to</p> <p>Center of wash, 1 ch. wide, course SE. Asc. NE. slope, 110 ft. to</p> <p>Desc. NW. slope, 100 ft. to</p> <p>Wash, course SW. Asc. 20 ft. to</p> <p>Ridge, brs. NE. and SW. Desc. SW. slope, 100 ft. to</p> <p>The cor. of secs. 21, 22, 27 and 28.</p> <p>Land, mountainous.</p> <p>Soil, rocky; 4th rate.</p> <p>No timber.</p> <p>Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.</p>
<p>37.00</p> <p>40.00</p> <p>43.00</p> <p>46.80</p> <p>50.00</p> <p>60.40</p> <p>69.00</p> <p>78.60</p> <p>80.00</p>	<p>N.0° 2' W., bet. secs. 21 and 22.</p> <p>Over mountainous land, through scattering undergrowth.</p> <p>Asc. S. slope, 350 ft. to</p> <p>Spur, brs. W. Desc. 145 ft. to</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1915 on S. rim;</p> <p style="padding-left: 40px;">S21 ¼ in W. and</p> <p style="padding-left: 40px;">S22 in E. half;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p> <p>Wash, course W. Asc. SW. slope to</p> <p>Ridge, brs. NW. and SE. Desc. 35 ft. to</p> <p>Thence along W. slope to</p> <p>Wash, course W. Asc. SW. slope, 175 ft. to</p> <p>Ridge, brs. NW. and SE. Desc. 105 ft. to</p> <p>Wash, course NW. Asc. to</p> <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;</p> <p style="padding-left: 40px;">T15N R14W in N. half;</p> <p style="padding-left: 40px;">S16 in NW.,</p> <p style="padding-left: 40px;">S15 in NE.,</p> <p style="padding-left: 40px;">S22 in SE. and</p> <p style="padding-left: 40px;">S21 in SW. quadrant;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p> <p>Land, mountainous.</p> <p>Soil; rocky 4th rate.</p> <p>No timber.</p> <p>Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.</p>
<p>40.00</p> <p>80.07</p> <p>2.00</p> <p>6.80</p> <p>40.03½</p>	<p>S.89° 49' E., on a random line, bet. secs. 15 and 22.</p> <p>Set temp. ¼ sec. cor.</p> <p>Intersect N. and S. line, 30 lks. S. of the cor. of secs. 14, 15, 22 and 23.</p> <p>Thence I run</p> <p>S.89° 58' W., on a true line, bet. secs. 15 and 22.</p> <p>Over mountainous land, through scattering undergrowth.</p> <p>Desc. 50 ft. to</p> <p>Enter wash, course SE.</p> <p>Leave wash, course SE. Asc. NE. slope, 495 ft. to</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1915 on S. rim;</p> <p style="padding-left: 40px;">¼S15 in N. and</p> <p style="padding-left: 40px;">S22 in S. half;</p>

Chains.

68.00 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 80.07 N. of cor. Pits impracticable.  
 Continue to asc. SE. slope, 250 ft. to  
 Ridge, brs. NE. and SW. Desc. NW. slope 210 ft. to  
 The cor. of secs. 15, 16, 21 and 22.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub  
 cedar.  
 May 22, 1915.

6.00 May 25, 1915: At 8 hrs. 3 m. a.m., l.m.t., I set off 34°  
 26.30 38½' N. on the lat. arc; 20° 50½' N. on the decl. arc;  
 28.00 and determine a meridian with the solar at the cor. of  
 39.28 secs. 15, 16, 21 and 22.  
 Thence I run  
 N.0° 2' W., bet. secs. 15 and 16.  
 Over mountainous land, through scattering undergrowth.  
 Asc. SW. slope, 125 ft. to  
 Ridge, brs. NW. and SE. Desc. NE. slope, 230 ft. to  
 Wash, 50 lks. wide, course NW. Asc. to  
 Desc. 95 ft. to  
 Center of wash, 1 ch. wide, course SW. Thence over roll-  
 ing land.  
 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;  
 S16 ¼ in W. and  
 S15 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 52.90 Wash, course SW. Asc. SW. slope, 345 ft. to  
 75.50 Ridge, brs. NW. and SE. Desc. 60 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 9, 10, 15 and 16, marked on  
 brass cap  
 1915 on S. rim;  
 T15N 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, mountainous, and rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde. ocotilla and scrub  
 cedar.  
 May 25, 1915: At this cor., I set off 20° 52' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 39' N. ✓

40.00 N.89° 58' E., on a random line, bet. secs. 10 and 15.  
 80.02 Set temp. ¼ sec. cor.  
 Intersect N. and S. line, 26 lks. S. of the cor. of secs.  
 10, 11, 14 and 15.  
 Thence I run  
 S.89° 47' W., on a true line, bet. secs. 10 and 15.  
 Over mountainous land, through scattering undergrowth.  
 Desc, 120 ft. to  
 17.40 Wash, course SE. Asc. NE. slope, 165 ft. to  
 27.30 Ridge, brs. NW. and SE. Desc. SW. slope, 200 ft.

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

Chains.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S10 in N. and  
 S15 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.

47.30 Head of draw, course NW. Asc. NE. slope, 135 ft. to  
 56.00 Spur, brs. NW. Desc. NW. slope 160 ft. to  
 80.02 The cor. of secs. 9, 10, 15 and 16.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub cedar.

May 25, 1915.

May 27, 1915: At 9 hrs. 3 m., a.m., l.m.t., I set off  $34^{\circ} 39'$  N. on the lat. arc;  $21^{\circ} 12'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 and 16.  
 Thence I run  
 N.  $0^{\circ} 2'$  W., bet. secs. 9 and 10.  
 Over mountainous land, through scattering undergrowth.  
 Desc. 325 ft. to  
 12.50 Wash, 50 lks. wide, course W.  
 20.15 Center of wash, 2 chs. wide, course SW.  
 22.80 Center of wash, 1 ch. wide, course SW. Asc. SW. slope, 335 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;  
 S9  $\frac{1}{4}$  in W. and  
 S10 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

51.40 Ridge, brs. NW. and SE. Desc. NE. slope, 45 ft. to  
 59.37 Wash, course SE.  
 61.00 Wash, course SE. Asc. 130 ft.  
 67.50 Wire fence, brs. NW. and SE.  
 67.70 Ridge, brs. NW. and SE. Desc. NE. slope, 250 ft. 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;  
 T15N 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,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub cedar.

40.00 N.  $89^{\circ} 47'$  E., on a random line, bet. secs. 3 and 10.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 2, 3, 10 and 11.  
 Thence I run  
 S.  $89^{\circ} 43'$  W., on a true line, bet. secs. 3 and 10.  
 Over mountainous land, through scattering undergrowth.

Chains.

Asc. to  
 .84 Ridge, brs. N. and S. Desc. 20 ft. to  
 3.00 Wash, course NE.  
 9.60 Wash, course NE.  
 19.60 Wash, course NE. Asc. to  
 21.20 Ridge, brs. NE. and SW. Desc. 35 ft. to  
 25.65 Wash, course NE.  
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 S3 in N. and  
 S10 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.  
 Asc. 50 ft. to  
 43.00 Desc. to  
 45.00 Wash, course N. Asc. 100 ft. to  
 51.30 Ridge, brs. NE. and SW. Desc. to  
 61.40 Wash, course NW. Asc. NE. slope, to  
 72.20 Ridge, brs. N. and S. Desc. to  
 79.96 The cor. of secs. 3, 4, 9 and 10.  
 Land, rolling and mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotille and scrub  
 cedar.  
 May 27, 1915: At this cor., I set off  $21^{\circ} 13\frac{1}{2}'$  N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is  $34^{\circ} 40'$  N. ✓

N.  $0^{\circ} 2'$  W., on a random line, bet. secs. 3 and 4.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.70 Intersect N. bdy. of Tp., 2 lks. E. of the cor. of secs.  
 3, 4, 33 and 34, which is an iron post, established by  
 me, as described in Book "A".  
 Thence I run  
 S.  $0^{\circ} 3'$  E., on a true line, bet. secs. 3 and 4.  
 Over rolling land, through scattering undergrowth.  
 Desc. SE. slope to  
 2:20 Center of wash, 1 ch. wide, course NE. Road in wash, brs.  
 NE. to Owens and SW. to Chicken Springs and Yucca.  
 Asc. 60 ft. to  
 15.00 Spur, brs. E. Desc. to  
 17.70 Wash, course NE.  
 23.70 Wash, course NE.  
 33.80 Wash, course NE. Asc. 65 ft. to  
 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;  
 S4  $\frac{1}{4}$  in W. and  
 S3 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 Desc. 25 ft. to  
 49.00 Center of wash, 1.50 chs. wide, course NE.  
 53.50 Wash, course NE. Asc. 270 ft., over mountainous land.  
 75.00 Desc. to  
 79.10 Wash, course NE. Asc. to  
 79.70 The cor. of secs. 3, 4, 9 and 10:  
 Land, rolling and mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotille and scrub  
 cedar.

C. D.  
 May 27, 1915.

Chains.	
	<p>May 19, 1915: H. N. B.            At 9 hrs. 8 m., a.m., l.m.t., I set off <math>34^{\circ} 35\frac{1}{2}'</math> N. on the lat. arc; <math>19^{\circ} 38\frac{1}{2}'</math> N. 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 R. D. Armstrong, U. S. Transitman, as described in Book "A".</p> <p>Thence I run            N.<math>0^{\circ} 2'</math> W., bet. secs. 32 and 33.            Over rolling land, through scattering undergrowth.</p>
37.00	Wash, 50 lks. wide, 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; $\frac{1}{4}$ S32 in W. and S33 in E. half; from which A cedar, 6 ins. diam., brs. S. $18\frac{1}{2}^{\circ}$ E., 57 lks. dist., marked $\frac{1}{4}$ S33 BT. A cedar, 6 ins. diam., brs. S. $53^{\circ}$ W., 29 lks. dist., marked $\frac{1}{4}$ S32 BT.
55.80	Draw, course SW. Asc. 65 ft. to
70.80	Ridge, brs. NE. and SW. Desc. NW. slope, 55 ft. to
78.00	Center of wash, 2 chs. wide, course SW. Thence over level land.
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; T15N R14W in N. half; S29 in NW., S28 in NE., S33 in SE. and S32 in SW. quadrant; from which A cedar limb, 8 ins. diam., brs. N. $19^{\circ}$ E., 39 lks. dist., marked T15N R14W S28 BT. A cedar limb, 5 ins. diam., brs. S. $33^{\circ}$ E., 115 lks. dist., marked T15N R14W S33 BT. A cedar limb, 6 ins. diam., brs. S. $59^{\circ}$ W., 64 lks. dist., marked T15N R14W S32 BT. A cedar limb, 6 ins. diam., brs. N. $64\frac{1}{4}^{\circ}$ W., 192 lks. dist., marked T15N R14W S29 BT.
	Land, rolling. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.
	May 19, 1915.

	<p>May 25, 1915: At 8 hrs. 15 m., a.m., l.m.t., I set off <math>34^{\circ} 36\frac{1}{2}'</math> N. on the lat. arc; <math>20^{\circ} 50\frac{1}{2}'</math> N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33.</p> <p>Thence I run            N.<math>89^{\circ} 51'</math> E., on a random line, bet. secs. 28 and 33.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
479.94	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 27, 28, 33 and 34.
	Thence I run S. $89^{\circ} 45'$ W., on a true line, bet. secs. 28 and 33. Over rolling land, through dense undergrowth.
	Desc. W. slope, 60 ft. to
4.95	Wash, 20 lks. wide, course S. Asc. E. slope, 70 ft. to
14.95	Asc. SE. slope, 20 ft. to
23.45	Spur, brs. SW. Desc. NW. slope, 105 ft. to
34.95	Gulch, course SW. Asc. SE. slope, 40 ft. to
39.45	Spur, extends 5 chs. SW. Desc. 70 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; $\frac{1}{4}$ S28 in N. and S33 in S. half;

Subdivision of T. 15 N., R. 14 W. 21.

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

48.95 Wash, 30 lks. wide, course S. Asc. SE. slope, 45 ft. to  
 62.45 Ridge, brs. NE. and SW. Desc. 20 ft. to  
 66.95 Wash, 20 lks. wide, course SW. Asc. SE. slope, 45 ft. to  
 74.95 Ridge, brs. NE. and SW. Desc. NW. slope, 90 ft. to  
 76.95 Center of draw, 2 chs. wide, course SSW.  
 79.94 The cor. of secs. 28, 29, 32 and 33.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotillo and scrub cedar.

May 25, 1915.

May 19, 1915.  
 N.0° 2' W., bet. secs. 28 and 29.  
 Over level land, through dense undergrowth.

11.30 Center of wash, 1 ch. wide, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap  
 1915 on S. rim;  
 1/4 S29 in W. and  
 S28 in E. half; from which  
 A cedar, 8 ins. diam., brs. N. 41 1/4° E., 124 lks. dist., marked 1/4 S28 BT.  
 A cedar, 10 ins. diam., brs. N. 57 1/2° W., 83 lks. dist., marked 1/4 S29 BT.

51.80 Center of same wash, 1 ch. wide, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap  
 1915 on S. rim;  
 T15N R14W in N. half;  
 S20 in NW.,  
 S21 in NE.,  
 S28 in SE. and  
 S29 in SW. quadrant; from which  
 A cedar limb, 5 ins. diam., brs. N. 28° E., 154 lks. dist., marked 1/4 T15N R14W S21 BT.  
 A cedar limb, 8 ins. diam., brs. S. 9 1/2° E., 107 lks. dist., marked T15N R14W S28 BT.  
 A cedar limb, 8 ins. diam., brs. S. 28° W., 99 lks. dist., marked T15N R14W S29 BT.  
 A cedar limb, 6 ins. diam., brs. N. 38 1/2° W., 126 lks. dist., marked T15N R14W S20 BT.

Land, level.  
 Soil, rocky; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, dense scrub cedar.

May 19, 1915.

May 26, 1915.  
 N. 89° 45' E., on a random line, bet. secs. 21 and 28.  
 40.00 Set temp. 1/4 sec. cor.  
 79.80 Intersect N. and S. line, at the cor. of secs. 21, 22, 27 and 28.  
 Thence I run  
 S. 89° 45' W., on a true line, bet. secs. 21 and 28.  
 Over mountainous land, through dense undergrowth.  
 Asc. 25 ft. to  
 5.60 Ridge, brs. NE. and SW. Desc. W. slope, 110 ft. to  
 14.80 Desc. NW. slope, 60 ft. to  
 24.80 Desc. W. slope to

Chains.	
29.80	Wash, 10 lks. wide, course SW. Asc. SE. slope, 30 ft. to
34.80	Spur, brs. S. Desc. SW. slope, 40 ft.
139.90	Set an iron post, 3 ft. long, 1 in. diam., 22 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; $\frac{1}{4}$ 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.
44.10	Wash, 50 lks. wide, course S. Asc. SE. slope, 40 ft. to
48.80	Spur, brs. S. Desc. SW. slope, 25 ft. to
50.80	Gulch, 10 lks. wide, course S. Asc. SE. slope, 45 ft. to
59.80	Ridge, brs. N. and S. Desc. SW. slope, 60 ft. to
66.80	Wash, 50 lks. wide, course S. Asc. E. slope, 55 ft. to
71.80	Low ridge, brs. N. and S. Desc. SW. slope, 25 ft. to
74.80	Foot of desc.; thence over level land.
76.00	Center of draw, 2 chs. wide, course S.
79.80	The cor. of secs. 20, 21, 28 and 29. Land, level and mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde and scrub cedar. May 26, 1915.
	May 19, 1915. N.0° 2' W., bet. secs. 20 and 21. Over level land, through dense 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; $\frac{1}{4}$ 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.
52.30	Asc. SE. slope, 65 ft. to
62.30	Low ridge, brs. NE. and SW. Desc. NW. slope, 70 ft. to
74.80	Draw, course SW. Asc. 25 ft. to
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; T15N 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 rolling. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde, cacti and scrub cedar. May 19, 1915: The sky was overcast at noon, making an observation for lat. impossible. May 19, 1915.
	May 26, 1915. N.89° 45' E., on a random line, bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.79	Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22. Thence I run S.89° 45' W., on a true line, bet. secs. 16 and 21. Over mountainous land, through dense undergrowth.



Chains.

Along S. slope.  
 2.00 Desc. SW. slope, 175 ft. to  
 22.50 Desc. W. slope, 185 ft. to  
 28.00 Wash, 20 lks. wide, course SW. Asc. SE. slope, 25 ft. to  
 32.50 Spur, extends 5 chs. S. Desc. W. slope, 45 ft. to  
 35.80 Wash, 20 lks. wide, course S. Asc. SE. slope, 50 ft.  
 ✓39.89½ Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the  
 ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ¼S16 in N. and  
 S21 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.  
 May 26, 1915: At this cor., I set off 21° 3' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 38½' N. ✓  
 41.50 Spur, brs. S. Desc. W. slope, 150 ft. to  
 47.60 Wash, 20 lks. wide, course S. Asc. SE. slope to  
 53.00 Spur, brs. SW. Desc. 120 ft. to  
 63.50 Wash, 50 lks. wide, course S. Asc. SE. slope, 30 ft. to  
 67.75 Spur, extends 5 chs. S. Desc. W. slope, 70 ft. to  
 72.65 Wash, course S. Asc. SE. slope, 25 ft. to  
 78.00 Spur, extends 5 chs. S. Desc. W. slope, 45 ft. to  
 ✓79.79 The cor. of secs. 16, 17, 20 and 21.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla, cacti and  
 scrub cedar.  
 May 26, 1915.

May 19, 1915.  
 N.0° 2' W., bet. secs. 16 and 17. .  
 Over rolling land, through dense undergrowth.  
 Desc. to  
 2.80 Gulch, course W. Asc. SW. slope, 25 ft. to  
 9.80 Spur, brs. W. Desc. NW. slope, 40 ft. to  
 17.80 Center of wash, 1 ch. wide, course W. Asc. SW. slope,  
 30 ft. to  
 27.90 Spur, brs. W. Desc. NW. slope, 25 ft. to  
 29.80 Gulch, 15 lks. wide, course W. Asc. S. slope, 60 ft.  
 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;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 41.50 Spur, brs. W. Desc. NW. slope, to  
 49.80 Gulch, 10 lks. wide, course W. Asc. SW. slope, 55 ft. to  
 55.30 Spur, brs. W. Desc. NW. slope, 65 ft. to  
 62.30 Wash, 50 lks. wide, course W. Asc. S. slope, 30 ft. to  
 67.30 Spur, brs. W. Desc. to  
 71.80 Draw, course W.  
 ✓80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 8, 9, 16 and 17, marked on  
 brass cap  
 1915 on S. rim;  
 T15N 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, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla, cacti and

Chains.

scrub cedar.

May 19, 1915.

May 27, 1915: At 7 hrs. 0 m., a.m., l.m.t., I set off 34° 39' N. on the lat. arc; 21° 12' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 8, 9, 16 and 17.

Thence I run

N. 89° 45' E., on a random line, bet. secs. 9 and 16.

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

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

Thence I run

S. 89° 52' W., on a true line, bet. secs. 9 and 16.

Over mountainous land, through dense undergrowth.

Desc. NW. slope, 85 ft. to

9.80 Desc. W. slope, 250 ft. to

21.30 Desc. SW. slope, 165 ft.

39.91 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, on solid rock, in a mound of stone, 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.

Thence over rolling land.

59.80 Wash, 50 lks. wide, course SW.

62.20 Three strand wire fence, brs. NW. and SE.

74.80 Desc. slight SW. slope to

79.82 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, ocetille and scrub cedar.

May 27, 1915.

May 19, 1915.

N. 0° 2' W., bet. secs. 8 and 9.

Over rolling land, through dense undergrowth.

Along W. slope.

3.80 Desc. NW. slope, 30 ft. to

8.30 Gulch, course SW. Asc. 55 ft. to

15.30 Spur, extends 1 ch. W. Desc. NW. slope to

20.80 Asc. in gulch, course SW. Comes from N.

30.80 Leave gulch, asc. S. slope, 120 ft. to

35.80 Spur, brs. W. Desc. NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, on solid rock, in a mound of stone, 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;

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

40.20 Wire fence, brs. NW. and SE.

41.80 Gulch, course W. Asc. SW. slope, 35 ft. to

44.80 Rock spur, brs. W. T. G. Walter's house brs. N. 75 $\frac{1}{4}$ ° W. Desc. N. slope, 140 ft.

49.80 Wire fence, brs. E. and W.

52.80 Gulch, course W. Asc. SW. slope, 65 ft.

61.80 Walter's house brs. S. 49 $\frac{1}{2}$ ° W.

62.30 Thence along W. slope to

72.30 Desc. NW. slope to

75.80 Center of Chicken Springs wash, 1 ch. wide, course SW.

Well from which Chicken Springs Ranch, T. G. Walter's

Chains.

house, pipes its water, is 5 chs. down this wash.  
 Asc. SE. slope.  
 77.20 Wire fence, brs. NE. and SW.  
 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;  
 T15N 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, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Land, rolling and mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.  
 May 19, 1915.

May 27, 1915.  
 N.89° 52' E., on a random line, bet. secs. 4 and 9.  
 40.00 Set temp. ¼ sec. cor.  
 79.79 Intersect N. and S. line, 33 lks. N. of the cor. of secs.  
 3, 4, 9 and 10.  
 Thence I run  
 N.89° 54' W., on a true line, bet. secs. 4 and 9.  
 Over mountainous land, through dense undergrowth.  
 Desc. NW. slope, 160 ft. to  
 4.60 Head of gulch, course N. Asc. NE. slope, 505 ft. to  
 31.80 Ridge, brs. NW. and SE. Desc. SW. slope, 970 ft.  
 39.89½ Set an iron post, 3 ft. long, 1 in. diam., on ledge rock,  
 in a mound of stone, for ¼ sec. cor., marked on brass  
 cap  
 1915 on S. rim;  
 ¼S4 in N. and  
 S9 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.  
 64.80 Desc. W. slope.  
 75.40 Wire fence, brs. NE. and SW.  
 76.80 Wash, 50 lks. wide, course SW. Asc. SE. slope, 15 ft. to  
 79.79 The cor. of secs. 4, 5, 8 and 9.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.  
 May 27, 1915.

May 19, 1915.  
 N.0° 2' W., on a random line, bet. secs. 4 and 5.  
 40.00 Set temp. ¼ sec. cor.  
 79.78 Intersect N. bdy. of Tp., 33 lks. E. of the cor. of secs.  
 4, 5, 32 and 33, which is an iron post, established  
 by C. D., as described in Book "A".  
 Thence I run  
 S.0° 16' E., on a true line, bet. secs. 4 and 5.  
 Over mountainous land, through dense undergrowth.  
 Desc. SW. slope, 170 ft. to  
 30.00 Gulch, 5 lks. wide, course SW. Asc. NW. slope, 30 ft. to  
 36.30 Thence along W. slope  
 39.78 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the  
 ground, on solid rock, in a mound of stone, for ¼ sec.  
 cor., marked on brass cap

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

Chains.

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.

45.00 Desc. SW. slope, 85 ft. to  
 63.70 Wash, course SE. Road in wash, brs. SE. to Chicken Springs  
 and Yucca, and NW. to Owens. Asc. NE. slope to  
 67.00 Spur, brs. E. Desc. SE. slope to  
 68.60 Same road, brs. NE. to Owens and SW. to Chicken Springs  
 and Yucca.

70.00 Same wash, course SW. Asc. NW. slope, 25 ft. to  
 73.40 Ridge, brs. NE. and SW. Desc. SE. slope, 55 ft. to  
 79.78 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub  
 cedar.

May 19, 1915.

May 25, 1915.  
 From 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.  
 Armstrong, U. S. Transitman, as described in Book "A",  
 I run  
 N.0° 3' W., bet. secs. 31 and 32.  
 Over gently rolling land, through dense undergrowth.

22.50 Wash, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground, on solid rock, in a mound of stone, 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.

40.50 Wash, course SW.  
 57.00 Wash, course SW.  
 60.00 Same wash, course SE.  
 65.00 Same wash, course SW.  
 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;  
 T15N 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, gently rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub  
 cedar.

May 25, 1915: At this cor., I set off 20° 52' N! on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 36 $\frac{1}{2}$ ' N.

N.89° 51' E., on a random line, bet. secs. 29 and 32.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect N. and S. line, 21 lks. N. of the cor. of secs.  
 28, 29, 32 and 33.  
 Thence I run

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

Chains.

West on a true line, bet. secs. 29 and 32.  
 Over rolling land, through dense undergrowth.  
 1.60 Wash, 50 lks. wide, course S. Asc. SE. slope, 35 ft. to  
 20.00 Low spur, brs. S. Desc. SW. slope, 15 ft. to  
 25.00 Draw, course S. Asc. SE. slope, 35 ft. to  
 30.00 Low ridge, brs. N. and S. Desc. 15 ft. to  
 35.00 Draw, course S. Asc. 15 ft. to  
 37.00 Spur, brs. S. Desc. 30 ft.  
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 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.  
 45.00 Draw, course S. Asc. SE. slope, 40 ft. to  
 56.00 Ridge, brs. N. and S. Desc. W. slope, 30 ft. to  
 60.00 Draw, course S. Asc. SE. slope to  
 70.00 Ridge, brs. N. and S. Desc. SW. slope, 15 ft. to  
 75.00 Draw, course S. Asc. SE. slope, 25 ft. to  
 79.80 The cor. of secs. 29, 30, 31 and 32.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocotilla and scrub  
 cedar.

S.89° 51' W., on a random line, bet. secs. 30 and 31.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.80 Intersect W. bdy. of Tp., 14 lks. S. of the cor. of secs.  
 25, 30, 31 and 36, which is an iron post, established  
 by R. D. Armstrong, U. S. Transitman, as described in  
 Book "A".  
 Thence I run  
 N.89° 57' E., on a true line, bet. secs. 30 and 31.  
 Over level land, through dense undergrowth.  
 16.80 Draw, course SW.  
 38.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ 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,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, N. of cor.  
 66.80 Draw, course SE.  
 78.80 The cor. of secs. 29, 30, 31 and 32.  
 Land, level.  
 Soil, sandy loam and gumbo, 2nd rate.  
 No timber.  
 Undergrowth, dense scrub cedar.

N.0° 3' W., bet. secs. 29 and 30.  
 Over level land, through dense undergrowth.  
 20.00 Asc. slight SE. slope; 35 ft. to  
 30.00 Low ridge, brs. NE. and SW. Desc. slight NW. slope,  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground, on solid rock, in a mound of stone, 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.  
 47.00 Foot of desc.; thence over level land.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

Chains

ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

1915 on S. rim;  
T15N 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, level and gently rolling.

Soil, loam and gumbo, 2nd and 3rd rate.

No timber.

Undergrowth, scrub cedar.

May 25, 1915.

May 26, 1915: At 7 hrs. 30 m., a.m., l.m.t., I set off  $34^{\circ} 37\frac{1}{2}'$  N. on the lat. arc;  $21^{\circ} 1\frac{1}{2}'$  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

East on a random line, bet. secs. 20 and 29.

40.00

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

79.84

Intersect N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence I run

N.  $89^{\circ} 57'$  W., on a true line, bet. secs. 20 and 29.

39.60

Over level land, through dense undergrowth.

39.92

Wash, 15 lks. wide, course SW.

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.

54.85

Center of draw, 5 chs. wide, course S.

69.85

Center of draw, 10 chs. wide, course SW.

79.84

The cor. of secs. 19, 20, 29 and 30.

Land, level.

Soil, gumbo and clay, 1st and 2nd rate.

No timber.

Undergrowth, greasewood, palo verde, ocetille and scrub cedar.

May 26, 1915.

May 25, 1915.

S.  $89^{\circ} 57'$  W., on a random line, bet. secs. 19 and 30.

40.00

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

78.66

Intersect W. bdy. of Tp., 26 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by R. D. Armstrong, U. S. Transitman, as described in Book "A".

Thence I run

N.  $89^{\circ} 46'$  E., on a true line, bet. secs. 19 and 30.

Over rolling land, through dense undergrowth.

Asc. SW. slope to

8.65

Low spur, brs. S. Desc. SE. slope, 25 ft. to

13.65

Wash, course S. Asc. W. slope to

37.65

Low ridge, brs. N. and S. Desc. SE. slope, 65 ft.

38.66

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;  
 $\frac{1}{4}$ S19 in N. and  
S30 in S. half; from which

Chains.

A cedar, 8 ins. diam., brs. N.  $74\frac{1}{2}^\circ$  E., 75 lks. dist., marked  $\frac{1}{4}$ S19 BT.  
 A cedar, 5 ins. diam., brs. S.  $89^\circ$  W., 34 lks. dist., marked  $\frac{1}{4}$ S30 BT.  
 59.65 Draw, course SW. Asc. W. slope, 45 ft. to  
 71.65 Low ridge, brs. N. and S. Desc. E. slope, 55 ft. to  
 74.65 Thence over level land.  
 78.66 The cor. of secs. 19, 20, 29 and 30.  
 Land, level and rolling.  
 Soil, 2nd and 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.

May 25, 1915.  
H. N. B.

C. D.  
 May 26, 1915: At 7 hrs. 5 m., a.m., l.m.t., I set off  $34^\circ 37\frac{1}{2}'$  N. on the lat. arc;  $21^\circ 1\frac{1}{2}'$  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 level land, through scattering undergrowth.  
 12.80 Center of wash, 1.50 chs. wide, course SW.  
 34.70 Wash, course SW.  
 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.  
 78.00 Wash, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap  
     1915 on S. rim;  
     T15N 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, level and gently rolling.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.

C. D.  
May 26, 1916.

May 26, 1915. H. N. B.  
 From the cor. of secs. 17, 18, 19 and 20, I run  
 S.  $89^\circ 57'$  E., on a random line, bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect N. and S. line, 11 lks. S. of the cor. of secs. 16, 17, 20 and 21.  
 Thence I run  
 S.  $89^\circ 58'$  W., on a true line, bet. secs. 17 and 20.  
 Over rolling land, through dense undergrowth.  
 Desc. W. slope, 15 ft. to  
 2.00 Wash, 20 lks. wide, course S. Asc. E. slope, 40 ft. to  
 8.00 Ridge, brs. N. and S. Desc. SW. slope, 50 ft. to  
 13.00 Thence over level land.  
 16.00 Center of wash, 1 ch. wide, course S.  
 23.00 Asc. E. slope, 20 ft. to

Chains	
25.00	Ridge, brs. N. and S. Desc. W. slope, 50 ft. to
29.00	Center of wash, 1 ch. wide, course S. Asc. E. slope, 40 ft. to
33.30	Ridge, brs. N. and S. Desc. W. slope, 45 ft. to
38.00	Center of wash, 1.50 chs. wide, course S.
39.90	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S17 in N. and S20 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. Asc. E. slope, 40 ft. to
45.00	Low ridge, brs. N. and S. Desc. W. slope, 25 ft. to
50.00	Thence over level land.
65.00	Wash, 50 lks. wide, course S.
68.00	Wash, 50 lks. wide, course S.
79.80	The cor. of secs. 17, 18, 19 and 20. Land, level and rolling. Soil, 3rd rate. No timber. Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.
	H. N. B.

	C. D.
	S.89° 46' W., on a random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.50	Intersect W. bdy. of Tp., 16 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by R. D. Armstrong, U. S. Transitman, as described in Book "A". Thence I run N.89° 53' E., on a true line, bet. secs. 18 and 19. Over rolling land, through scattering undergrowth.
10.00	Road, brs. NE. to Chicken Springs and Owens, and SW. to Yucca.
13.05	Center of wash, 2.30 chs. wide, course SW. Asc. to
18.70	Ridge, brs. NE. and SW. Desc. 30 ft. to
33.50	Thence over level land.
38.50	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; $\frac{1}{4}$ S18 in N. and S19 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
39.70	Road, brs. NE. to Chicken Springs and Owens, and SW. to Stout's Well and Yucca.
46.20	Wash, course SW. Asc. to
47.20	Low ridge, brs. NE. and SW. Desc. to
51.00	Wash, course SW. Asc. NW. slope, 45 ft. to
58.90	Ridge, brs. NE. and SW. Desc. 30 ft. to
63.50	Wash, course SW.
71.10	Wash, course SW.
77.20	Center of wash, 70 lks. wide, course SW. Asc. to
78.50	The cor. of secs. 17, 18, 19 and 20. Land, level and rolling. Soil, rocky; 3rd rate. No timber. Undergrowth, greasewood, palo verde, ocetilla and scrub cedar.



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

Chains.

N.0° 3' W., bet. secs. 17 and 18.  
 Over level land, through scattering undergrowth.  
 19.30 Wash, course SW. Asc. SE. slope to  
 22.70 Ridge, brs. NE. and SW. Desc. NW. slope, 30 ft. to  
 28.70 Center of wash, 2 chs. wide, course SW. Asc. to  
 35.00 Ridge, brs. NE. and SW. Desc. to  
 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;  
 S18  $\frac{1}{4}$  in W. and  
 S17 in E. half;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 40.50 Wash, course SW. Asc. SE. slope, 55 ft. to  
 51.80 Center of wash, 2 chs. wide, course SW. Road in wash, brs.  
 NE. to Chicken Springs, and Owens, and SW. to Stout's  
 Well and Yucca.  
 68.80 Road, brs. NE. to Chicken Springs and Owens, and SW. to  
 Yucca. Asc. SE: slope to  
 79.00 Desc. NW. slope to  
 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;  
 T15N 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, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 Land, rolling and level.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.  
 C. D.

H. N. B.  
 40.00 N.89° 58' E., on a random line, bet. secs. 8 and 17.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 May 26, 1915.  
 May 27, 1915.  
 From the temp.  $\frac{1}{4}$  sec. cor., I continue  
 N.89° 58' E., on a random line, bet. secs. 8 and 17.  
 79.70 Intersect N. and S. line, 2 lks. N. of the cor. of secs.  
 8, 9, 16 and 17.  
 Thence I run  
 S.89° 59' W., on a true line, bet. secs. 8 and 17.  
 Over rolling land, through dense undergrowth.  
 16.00 Wash, 50 lks. wide, course S. Asc. to  
 25.00 Low spur, brs. S. Desc. to  
 31.20 Wash, 40 lks. wide, course S. Asc. to  
 35.00 Low spur, brs. S. Desc. to  
 38.00 Wash, 20 lks. wide, course S.  
 39.85 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the  
 ground, on solid rock, in a mound of stone, 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; from which  
 A cedar, 5 ins. diam., brs. N. 60 $\frac{1}{2}$ ° E., 84 lks. dist.,  
 marked  $\frac{1}{4}$ S8 BT.  
 A cedar, 5 ins. diam., brs. S.49 $\frac{1}{2}$ ° W., 19 lks. dist.,  
 marked  $\frac{1}{4}$ S17 BT.  
 Asc. E. slope 40 ft. to  
 43.60 Ridge, brs. N. and S. Desc. W. slope, 40 ft. to

Chains.  
 46.70 Wash, 20 lks. wide, course SW. Asc. SE. slope, 45 ft. to  
 51.20 Ridge, brs. NE. and SW. Desc. NW. slope 90 ft. to  
 60.70 Center of wash, 1 ch. wide, course SW.  
 62.30 Road, brs. NE. to Chicken Springs and Owens, and SW. to  
 Yucca. Asc. SE. slope, 55 ft. to  
 68.45 Ridge, brs. NE. and SW. Desc. W. slope, 70 ft. to  
 73.70 Wash, 20 lks. wide, course S.  
 76.90 Road, brs. NE. to Chicken Springs and Owens, and SW. to  
 Yucca. Asc. SE. slope, 25 ft. to  
 79.20 Ridge, brs. NE. and SW. Desc. W. slope, to  
 79.70 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling and hilly.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.

H. N. B.  
 May 27, 1915.

C. D.  
 May 26, 1915.  
 S.89° 53' W., on a random line, bet. secs. 7 and 18.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.44 Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs.  
 7, 12, 13 and 18, which is an iron post, established  
 by R. D. Armstrong, U. S. Transitman, as described in  
 Book "A".  
 Thence I run  
 N.89° 54' E., on a true line, bet. secs. 7 and 18.  
 Over rolling land, through dense undergrowth.  
 Desc. to  
 4.95 Wash, course SW. Asc. 75 ft. to  
 23.45 Ridge, brs. NE. and SW. Desc. E. slope, 110 ft. to  
 33.45 Wash, course SW. Asc. 45 ft. to  
 38.44 Ridge, brs. NE. and SW.  
 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.  
 Desc. to  
 46.25 Wash, 50 lks. wide, course SW. Asc. NW. slope, 45 ft. to  
 53.45 Ridge, brs. NE. and SW. Desc. SE. slope, 40 ft. to  
 58.45 Enter wash, course SW.  
 62.95 Leave wash, course SW.  
 71.65 Wash, 50 lks. wide, course SW. Asc. NW. slope to  
 78.44 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling and hilly.  
 Soil, rocky, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.  
 May 26, 1915: At this cor., I set off 21° 3' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 39' N. ✓

N.0° 3' W., bet. secs. 7 and 8.  
 Over rolling land, through dense undergrowth.  
 Desc. NW. slope, 40 ft. to  
 10.00 Wash, course SW. Asc. 40 ft. to  
 15.00 Ridge, brs. NE. and SW. Desc. 25 ft. to  
 21.80 Enter wash, course SW.  
 24.90 Leave wash, course SW. Asc. 25 ft. to  
 28.20 Ridge, brs. NE. and SW. Desc. to

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

Chains.

33.00 Center of wash, 2 chs. wide, course SW. Asc. to  
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;  
S7  $\frac{1}{4}$  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.  
Desc. to  
41.80 Wash, course SW. Asc. 30 ft. to  
48.60 Ridge, brs. NE. and SW. Desc. to  
50.85 Enter wash, course SW.  
52.00 Leave wash, course SW.  
67.60 Wash, course SW.  
79.20 Wash, 50 lks. wide, course W. Road in wash, brs. E. to  
Chicken Springs and Owens, and W. to T. G. Walter's  
Bar S ranch. Asc. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
ground, on solid rock, in a mound of stone, for cor. of  
secs. 5, 6, 7 and 8, marked on brass cap  
1915 on S. rim;  
T15N 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, rolling.  
Soil, rocky, 3rd rate.  
No timber.  
Undergrowth, greasewood, palo verde, ocetilla and scrub  
cedar.  
C. D.  
May 26, 1915.

May 27, 1915. H. N. B.  
N.  $89^{\circ} 59'$  E., on a random line, bet. secs. 5 and 8.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.68 Intersect N. and S. line, 11 lks. S. of the cor. of secs.  
4, 5, 8 and 9,  
Thence I run  
S.  $89^{\circ} 54'$  W., on a true line, bet. secs. 5 and 8.  
Over mountainous land, through scattering undergrowth.  
Asc. E. slope, 40 ft. to  
2.70 Desc. SW. slope to  
4.30 Wash, 10 lks. wide, course S. Asc. SE. slope, 90 ft. to  
9.70 Ridge, brs. N. and S. Desc. SW. slope, 25 ft. to  
14.15 Desc. NW. slope, 135 ft. to  
20.70 Wash, 20 lks. wide, course S. Asc. E. slope to  
25.40 Ridge, brs. N. and S. Desc. NW. slope, 25 ft. to  
28.70 Enter gulch, course S.  
29.45 Road, brs. NE. to Owens, and SW. to Yucca.  
29.70 Center of wash, 1 ch. wide, course S. Asc. SE. slope,  
25 ft. to  
37.70 Spur, extends 2 chs. S. Desc. W. slope, 145 ft.  
39.84 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
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.  
May 27, 1915: At this cor., I set off  $21^{\circ} 13\frac{1}{2}'$  N: on the  
decl. arc; and at apparent noon, I observe the sun on  
the meridian; the resulting lat. is  $34^{\circ} 40'$  N. ✓  
49.70 Wash, 20 lks. wide, course SW. Asc. SE. slope, 70 ft. to  
54.50 Rock spur, extends 1 ch. S. Desc. SW. slope, 55 ft. to  
57.95 Wash, course S. Asc. SE. slope 50 ft. to

Chains.

60.70 Spur, extends 2 chs. S. Desc. SW. slope, 125 ft. to  
 79.68 The cor. of secs. 5, 6, 7 and 8.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.

H.N. B.  
 May 27, 1915.

40.00 May 26, 1915; C. D.  
 78.36 S. 89° 54' W., on a random line, bet. secs. 6 and 7.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs.  
 1, 6, 7 and 12, which is an iron post, established by  
 R. D. Armstrong, U. S. Transitman, as described in  
 Book "A".  
 Thence I run  
 N. 89° 56' E., on a true line, bet. secs. 6 and 7.  
 Over rolling land, through dense undergrowth.  
 5.05 Wash, course SE.  
 9.95 Wash, course S. Asc. to  
 19;35 Ridge, brs. NE. and SW. Desc. to  
 22.85 Head of draw, course SE. Asc. to  
 28.35 Ridge, brs. NW. and SE. Desc. NE. slope to  
 33.35 Center of wash, 1.50 chs. wide, course S.  
 38.36 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.  
 60.05 Wash, course SE.  
 75.35 Road, brs. SE. to Chicken Springs and Owens, and NW. to  
 T. G. Walter's Bar S. ranch. Asc. to  
 78.36 The cor. of secs. 5, 6, 7 and 8.  
 Land, rolling.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde, ocetilla and scrub  
 cedar.

40.00 N. 0° 3' W., on a random line, bet. secs. 5 and 6.  
 79.82 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. bdy. of Tp., 35 lks. E. 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  
 S. 0° 18' E., on a true line, bet. secs. 5 and 6.  
 Over mountainous land, through dense undergrowth.  
 Desc. S. slope, 195 ft. to  
 8.80 Thence over rolling land.  
 33.30 Wash, course SW.  
 38.00 Wash, course SW.  
 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;  
 S6  $\frac{1}{4}$  in W. and  
 S5 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 47.50 Wash, course SW.  
 53.50 Wash, course SW.  
 62.40 Wash, course SW. Asc. to

Chains.  
71.80  
74.80  
77.80  
79.82

Ridge, brs. E. and W. Desc. SW. slope, 40 ft. to  
Head of draw, course W. Asc. NW. slope, 20 ft. to  
Spur, brs. S. and NE. Desc. on spur to  
The cor. of secs. 5, 6, 7 and 8.  
Land, rolling and mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, palo verde, ocotillo and scrub  
cedar.

C. D.  
May 26, 1915.

GENERAL DESCRIPTION.

All of this township lies in the mountains with the exception of the SW. quarter and the west range of sections, portions of which are level land, the remainder rolling hills.

The rolling land is covered with patches of dense scrub cedar trees. These trees are hereinbefore referred to as undergrowth, for although they are frequently a foot in diam. at the butt, they rarely attain a height of over fifteen or twenty feet, and contain no material suited to commercial purposes, not even fence posts. The mountainous land, has scattering cedar, with cacti, greasewood, and palo verde, undergrowth.

There is one settler, T. G. Walters, in sec. 8, located at Chicken Springs. His improvements consist of a tent, a painted iron house, and a double corral. The wire fences noted in the field notes enclose a range used by Mr. Walters for his cattle.

C. D. Transition.

C. D. Transition.

180  
BOOK 2925

For **FINAL OATH OF UNITED STATES SURVEYOR.**

36

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, Ariz., February 15, 1917.

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

Subdivision Lines of Township 15 North, Range 14 West,  
p of the Gila and Salt River Base and Meridian, Arizona,

executed by H. N. Bradstreet and Carl Dyson, U.S. Transitmen,  
 under his special instructions dated December 28, 1914, for Group 41,901, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Surveyor General of Arizona.

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