

BOOK "I."
FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines of

Township 14 North - Range 13 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 April 14, 1915.

Survey completed April 21, 1915.

and executed under assignment instructions dated July 28, 1915

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Book "I"

BOOK 2920

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3rd Guide Meridian West - Resurveyed
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Notes in Book "A".

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

1.

Chains.

Survey commenced Apr. 14, 1915, and executed jointly by Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits, Nos. 8485 and 8531, with Smith solar attachments. For description of instruments, and certificate of approval, see subdivision of T. 13 N., R. 13 W.

In the following field notes, the initials I. W. S. and R. D. A. refer to Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, respectively. Knowing from recent and repeated tests of our instruments on a meridian established by observations on Polaris, that they are in adjustment, we proceed to the subdivision of T. 14 N., R. 13 W.

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

R. D. A.

At 8 hrs. 4 m., a.m., l.m.t., I set off $34^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $9^{\circ} 11'$ 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 me, as described in Book "A".

Thence I run

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

Over rolling and mountainous land, through scattering undergrowth.

Desc. 30 ft. to

5:00 Wash, 50 lks. wide, course WNW. Asc. 40 ft. to

10:00 Desc. 40 ft. to

15:00 Center of wash, 1 ch. wide, course W. Asc. 40 ft. to

30:00 Desc. 25 ft. to

35:50 Wash, 25 lks. wide, course W. Asc. slightly.

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.

41:00 Desc. 25 ft.

46:50 Road, brs. E. and W.

50:00 Asc. 25 ft., along broken W. slope to

55:00 Desc. 55 ft. to

60:00 Wash, 50 lks. wide, course W. Asc. 240 ft. to

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 R13W 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 and mountainous.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, greasewood, palo verde, ocotille and cacti.

R. D. A.

I. W. S.

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

40:00 Set temp. $\frac{1}{4}$ sec. cor.

80:08 Intersect the Third Guide Meridian West, 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, re-established by R. D. A., as described in Book "B".

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

Chains.

Thence I run
 N. 89° 56' W., on a true line, bet. secs. 25 and 36.
 Over mountainous land, through scattering undergrowth.
 Asc. slightly to
 10.70 Desc. 95 ft. to
 20.90 Wash, course SW. Asc. slightly to
 25.00 Desc. to
 25.50 Gulch, course SW. Asc. SE. slope, 425 ft.
 40.04 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 W. 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.
 49.60 Top of asc. Spur, brs. S. Desc. SW. slope, 285 ft., along
 S. edge of table land, to
 80.08 The cor. of secs. 25, 26, 35 and 36.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, cat claw and cacti.
 I. W. S.

R. D. A.
 N. 0° 1' W., bet. secs. 25 and 26.
 Over mountainous land, through scattering undergrowth.
 Asc. 50 ft. to
 1.50 Top of asc., brs. NW. and SE. Thence across level table
 land.
 25.00 Leave table land, brs. NE. and SW. Desc. NW. slope, 370
 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;
 $\frac{1}{4}$ 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.
 54.65 Asc. 20 ft. to
 57.15 Desc. 60 ft. to
 62.00 Wash, 50 lks. wide, course W. Asc. S. slope, 120 ft. to
 70.00 Spur, brs. W. Desc. 55 ft. to
 74.20 Asc. 30 ft. to
 78.50 Spur, brs. W. Desc. NW. slope, 30 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 23, 24, 25 and 26, marked on
 brass cap
 1915 on S. rim;
 T14N R13W in N. half;
 S23 in NW.,
 S24 in NE.,
 S25 in SE. and
 S26 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, rocky; 3rd and 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocatillo and cacti.
 Apr. 14, 1915: At this cor., I set off 9° 14 $\frac{1}{2}$ ' N. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 32' N.

Chains.

S. 89° 56' E., on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.74 Intersect Third Guide Meridian West, 1.31 chs. N. of the
 witness cor. to cor. of secs. 19, 24, 25 and 30, which
 is an iron post, properly set, marked and witnessed
 as described by the Surveyor-General, and set 1.36 chs.
 S. of the true point for cor. of secs. 19, 24, 25 and
 30.
 From the true point for cor. of secs. 19, 24, 25 and 30,
 I run
 N. 89° 58' W., on a true line, bet. secs. 24 and 25.
 Over rolling land, through scattering undergrowth.
 Desc. slightly to
 1.75 Wash, 25 lks. wide, course N. Asc. 30 ft. to
 4.75 Spur, brs. N. Desc. NW. slope, 50 ft. to
 21.75 Wash, 50 lks. wide, course N. Asc. 40 ft.
 24.69 From this point, a house brs. N. 23 $\frac{1}{2}$ ° W., 8.00 chs. dist.
 33.75 Desc. NW. slope, 65 ft.
 39.87 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.
 40.75 Wash, 20 lks. wide, course N. Asc. 40 ft. to
 44.75 Desc. 25 ft. to
 49.75 Asc. 25 ft. to
 54.75 Desc. 55 ft. to
 64.85 Asc. 45 ft. to
 72.25 Spur, brs. N. Desc. NW. slope, 40 ft. to
 79.74 The cor. of secs. 23, 24, 25 and 26.
 Land, rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotilla, and cacti.

N. 0° 1' W., bet. secs. 23 and 24.
 Over mountainous land, through scattering undergrowth.
 Desc. 100 ft.
 4.00 Road, brs. E. and W.
 5.00 Foot of desc., brs. NE. and SW. Thence across dry bed
 of Big Sandy River, course SW.
 11.00 Enter stream of water, 4 ins. deep, course SSW.
 12.50 Leave stream of water, course SSW. Thence across dry bed
 of Big Sandy River, course SW.
 20.00 Road, brs. NE. to Kingman and SW. to Signal.
 20.50 Leave River bottom, brs. NE. and SW. Asc. SE. slope, 55 ft.
 to
 35.00 Desc. 25 ft. to
 39.00 Gulch, 10 lks. wide, course E. Asc. 125 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S23 in W. and
 S24 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 55.00 Desc. 30 ft. to
 65.00 Asc. 30 ft. to
 68.00 Desc. 55 ft. to
 70.00 Wash, 50 lks. wide, course E. Asc. SE. slope, 60 ft. to
 79.00 Spur, brs. E. 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. 13, 14, 23 and 24, marked on
 brass cap
 1915 on S. rim;
 T14N R13W in N. half;
 S14 in NW.,

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

Chains

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, level, rolling and mountainous.
 Soil, sandy and rocky; 3rd rate.
 No timber.
 Undergrowth, greasewood, arrow-weed and cacti.
 Apr. 14, 1915.

Apr. 15, 1915.
 S.89° 58' E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.
 79.72 Intersect Third Guide Meridian West, 23 lks. N. of the
 cor. of secs. 13, 18, 19 and 24, which is an iron post,
 re-established by me, as described in Book "3".

Thence I run
 N.89° 48' W., on a true line, bet. secs. 13 and 24.
 Over level land, through scattering undergrowth.

12.50 Desc. 35 ft. to
 14.95n Asc. 35 ft. to
 17.50 Desc. 25 ft. to
 19.90 Asc. 25 ft. to
 21.30 Desc. SW. slope, 60 ft. to
 34.70 Enter dry bed of Big Sandy River, course S.
 39.86 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;
 ¼S13 in N. and
 S24 in S. half;

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

49.70 Leave dry bed of Big Sandy River, course S. Thence
 over level land.

53.20 Fence, brs. N. and S.
 57.70 Road, brs. N. to Kingman and S. to Signal.
 64.20 Fence, brs. N. and S.

69.70 Leave level land, brs. NW. and SE. Asc. NE. slope, 115 ft.
 to

79.72 The cor. of secs. 13, 14, 23 and 24.
 Land, level and rolling.
 Soil, sandy and rocky; 2nd and 3rd rate.
 No timber.

Undergrowth, greasewood, mesquite, arrow-weed and cacti.
 R. D. A.

I. W. S.
 N.0° 1' W., bet. secs. 13 and 14.
 Over rolling land, through scattering undergrowth.

16.90 Desc. 50 ft. to
 25.00 Mouth of wash, course E. Asc. 100 ft. to
 30.00 Desc. slightly to
 35.00 Asc. 30 ft. to
 38.74 Desc. 50 ft.
 From this point, house No. 1 brs. N.48½° E.
 House No. 2 brs. N.53½° E.

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;
 ¼S14 in W. and
 S13 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Pits impracticable.

2020

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

5.

Chains.

Thence along E. slope, 6 chs. from bottom land of Big Sandy River.

40.50 Gulch, course E.
 45.50 Gulch, course E.
 50.40 Gulch, course E.
 57.90 Gulch, course E.
 64.40 Draw, course E. Asc. 125 ft. to
 71.50 Desc. to
 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 R13W 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, 1½ ft. high, W. of cor. Pits impracticable.

Land, rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde and cacti.

Apr. 15, 1915.

Apr. 16, 1915.
 S. 89° 48' E., on a random line. bet. secs. 12 and 13.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect Third Guide Meridian West, 5 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, re-established by R. D. A., as described in Book "B".

Thence I run
 N. 89° 50' W., on a true line, bet. secs. 12 and 13.
 Over rolling land, through scattering undergrowth.
 Desc. 55 ft. to
 7.70 Gulch, course SW. Asc. SE. slope, 30 ft. to
 11.20 Thence over rolling land.
 25.00 Desc. 45 ft. to
 26.00 Enter Big Sandy River, course S. Stream of water, 15 lks. wide, 10 ins. deep, course S. Thence across bottom land of Big Sandy River.
 33.20 Leave Big Sandy River, course S. Thence over bottom land.
 37.97 Irrigation ditch, course S.
 38.13 Road, brs. N. to Kingman and S. 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 S12 in N. and
 S13 in S. half;

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

67.00 Leave bottom land, asc. E. slope, 95 ft. to
 80.00 The cor. of secs. 11, 12, 13 and 14.
 Land, level and rolling.
 Soil, sandy and rocky; 4th rate.
 No timber, except cotton-wood along River bank.
 Undergrowth, arrow-weed, greasewood, mesquite, cat claw and cacti.

I. W. S.
 Apr. 16, 1915.

Apr. 19, 1915: R. D. A.
 At 8 hrs. 10 m., a.m., l.m.t., I set off 34° 34' N. on the lat. arc; 10° 57½' 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
 N. 0° 1' W., bet. secs. 11 and 12.

6.

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

Chains.	
	Over broken land, along E. slope, through scattering undergrowth.
	Desc. to
3.00	"ash, 50 lks. wide, course E. Asc. 80 ft. to
16.00	Desc. 95 ft. to
24.00	Gulch, 50 lks. wide, course E. Asc. 125 ft. to
35.00	Desc. 115 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; $\frac{1}{4}$ 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.
45.00	Gulch, course E. Asc. slightly to
46.40	Desc. 115 ft. to
54.60	Asc. 115 ft. to
58.20	Desc. to
77.50	Center of wash, 1 ch. wide, course NE. Asc. slightly to
80.00	Set a granite stone, 14 X 10 X 6 ins., 10 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked with 1 notch on E. and 5 notches on S. edge; 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 and 4th rate.
	No timber.
	Undergrowth, palo verde, greasewood, mesquite and cacti.
	S. $89^{\circ} 50'$ E., on a random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect Third Guide Meridian West, 46 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, reestablished by me, as described in Book "B". Thence I run S. $89^{\circ} 50'$ W., on a true line, bet. secs. 1 and 12. Over broken land, through scattering undergrowth.
	Desc. to
5.35	Asc. 65 ft. to
12.30	Desc. 135 ft. to
25.30	Asc. 60 ft. to
30.00	Thence over level land.
35.00	Desc. SW. slope, 165 ft.
39.99	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.
	Apr. 19, 1915: At this cor., I set off $11^{\circ} \frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 35'$ N.
58.00	Foot of desc.; brs. NW. and SE. Thence across dry bed of Big Sandy River, course SE.
64.00	Road, brs. NW. to Kingman, and SE. to Signal.
65.00	Leave dry bed of Big Sandy River, course SE. Asc. NE. slope, 1915 ft. to
74.00	Spur, brs. SE. Desc. slightly, along broken S. slope to
79.98	The cor. of secs. 1, 2, 11 and 12. Land, level, rolling and broken. Soil, sandy and rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde, mesquite and cacti.

Chains.

N.0° 1' W., on a random line, bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 76.78 Intersect N. bdy. of Tp., 42 lks. W. of the witness cor. to cor. of secs. 1, 2, 35 and 36, which is an iron post, established by Hans. D. Voigt, U. S. Transitman, 40 lks. E. of the true point for cor. of secs. 1, 2, 35 and 36, as described in Book "A".
 Thence I run, from the true point for cor. of secs. 1, 2, 35 and 36,
 South on a true line, bet. secs. 1 and 2.
 Over rolling land, through scattering undergrowth.
 1.80 Left bank of Big Sandy River, brs. NW. and SE. Thence across dry bed of Big Sandy River, course SE.
 10.40 Road in River, brs. NW. to Kingman and SE. to Signal.
 20.40 Right bank of Big Sandy River, brs. NW. and SE. Asc. 20 ft. to
 30.28 Desc. 25 ft. to
 34.80 Center of wash, 1 ch. wide, course E. Asc. 130 ft.
 36.78 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.
 46.80 Desc. 95 ft. to
 61.80 Gulch, 50 lks. wide, course SE. Asc. 120 ft. to
 72.80 Spur, brs. SE. Desc. S. slope, 75 ft. to
 76.78 The cor. of secs. 1, 2, 11 and 12.
 Land, level and rolling.
 Soil, sandy and rocky; 2nd and 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, mesquite and cacti.
 R. D. A.
 Apr. 19, 1915.

Apr. 14, 1915: I. W. S.
 At 8 hrs. 5 m., a.m., l.m.t., I set off 9° 11 $\frac{1}{2}$ ' N. on the decl. arc; 34° 30 $\frac{1}{2}$ ' N. on the latl. arc; and determine a meridian with the solar at the true point for cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., 4.50 chs. W. of the witness cor. to 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
 N.0° 1' W., bet. secs. 34 and 35.
 In channel of Big Sandy River, course S. along sand bar on W. bank.
 18.00 Leave right bank of river and over level land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S34 in W. and
 S35 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 From this cor., Lyons Stamp Mill brs. S.45 $\frac{1}{4}$ ° E., about 20 chs. dist.
 Enter scattering timber and dense undergrowth, brs. NNE. and SSW.
 47.30 Road, brs. NE. to Kingman, and SW. to Signal.
 53.80 Leave scattering timber and dense undergrowth, brs. NNW. and SSE. Enter Big Sandy River, course SE.
 59.00 Water channel of river, 80 lks. wide, course SE.
 64.10 Leave Big Sandy River, course SE. undergrowth, brs. NW.
 67.00 Enter scattering timber & dense undergrowth, brs. NW. & SE.
 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

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

Chains.

1915 on S. rim;
T14N R13W 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.

Soil, sandy; 1st and 2nd rate.

Timber, cottonwood.

Undergrowth, mesquite, arrow-weed and cat claw.

Sand grass.

40.00 East on a random line, bet. secs. 26 and 35.
Set temp. sec. cor.
80.28 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
25, 26, 35 and 36.
Thence I run
W. $89^{\circ} 58'$ W., on a true line, bet. secs. 26 and 35.
Over mountainous land, through scattering undergrowth.
Desc. SW. slope, 325 ft. to
29.60 Gulch, course NW. Asc. to
40.14 Set an iron post, 3 ft. long, 1 in. diam., 8 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;
 $\frac{1}{4}$ 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.
Desc. 50 ft. to
50.00 Thence over level land.
53.45 Road, brs. N. to Owens, and S. to Signal.
55.60 Fence, brs. N. and S.
58.90 Boner's adobe house on line.
70.80 Fence, brs. NNW. and SSE.
80.28 The cor. of secs. 26, 27, 34 and 35.
Land, level and mountainous.
Soil, sandy and rocky; 1st and 4th rate.
Timber, scattering cottonwood along River.
Undergrowth, palo verde, mesquite, arrow-weed and cacti.
Apr. 14, 1915: At this cor., I set off $9^{\circ} 14\frac{1}{2}'$ N. on the
decl. arc; and at apparent noon, I observe the sun on
the meridian; the resulting lat. is $34^{\circ} 31\frac{1}{2}'$ N.
I. W. S.
Apr. 14, 1915.

Apr. 15, 1915: R. D. A.
N. $0^{\circ} 1'$ W., bet. secs. 26 and 27.
Over level land, through dense undergrowth and scattering
timber.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ S27 in W. and
S26 in E. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Pits impracticable.
56.50 Center of Big Sandy River; Stream of water, 1 ch. wide,
6 ins. deep, course SW. Thence across dry bed of
stream.
65.00 Leave Big Sandy River bed, course SW. Asc. S. slope, 25
ft. to
66.00 Bluff; brs. E. and W. Thence over mesa.
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

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

9.

Chains.	<p>brass cap 1915 on S. rim; T14N R13W 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, level and rolling. Soil, sandy and rocky; 2nd and 3rd rate. Timber, cottonwood. Undergrowth, mesquite, arrow-weed, cat claw and cacti.</p>
40.00 79.96 4.95 6.45 8.95 20.20 25.15 34.95 39.98 43.15 46.95 64.95 79.96	<p>S.89° 58' E., on a random line, bet. secs. 23 and 26. Set temp. ¼ sec. cor. Intersect N. and S. line, 14 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence I run S.89° 56' W., on a true line, bet. secs. 23 and 26. Over mountainous land, through scattering undergrowth. Desc. 125 ft. to Foot of desc., brs. N. and S. Thence across bottom land of Big Sandy River. Road, brs. N. to Owens and S. to Signal. Center of stream of water, 80 lks. wide, 6 ins. deep, course S. Leave bottom land of Big Sandy River, brs. NE. and SW. Asc. SE. slope, 115 ft. to Bluff, brs. NE. and SW. Desc. 50 ft. to Asc. 40 ft. 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. Spur, brs. S. Desc. W. slope, 60 ft. to Gulch, 20 ft. deep, course S. Asc. 30 ft. to Thence over level land to The cor. of secs. 22, 23, 26 and 27. Land, level, rolling and mountainous. Soil, sandy and rocky; 2nd and 3rd rate. Timber, cottonwood. Undergrowth, greasewood, palo verde, mesquite and cacti. R. D. A.</p>
15.00 23.50 34.10 40.00 40.20 48.00 60.00 80.00	<p>I. W. S. N.0° 1' W., bet. secs. 22 and 23. Over rolling land, through scattering undergrowth. Asc. 45 ft. to Desc. 55 ft. to Gulch, course SE. Asc. 70 ft. 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; ¼S22 in W. and S23 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Top of sandstone knoll. Desc. 25 ft. to Gulch, course SSW. Asc. 80 ft., over cliffs, to Thence over level land to 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</p>

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

Chains.	
	<p>brass cap</p> <p>1915 on S. rim; T14N R13W 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, 1½ ft. high, W. of cor. Pits impracticable. Land, rolling. Soil, rocky; 3rd rate. No timber. Undergrowth, yucca, palo verde, greasewood and cacti.</p>
40.00	N.89° 56' E., on a random line, bet. secs. 14 and 23.
79.82	Set temp. ¼ sec. cor. Intersect N. and S. line, 2 lks. S. of the cor. of secs. 13, 14, 23 and 24. Thence I run S.89° 55' W., on a true line, bet. secs. 14 and 23. Over rolling land, through scattering undergrowth. Asc. 40 ft. to 2.22 Spur, brs. SE. House, No. 1 brs. N.27¾° E. House No. 2 brs. N.30½° E. Desc. to 12.80 Gulch, course S. Thence along S. slope. 18.80 Gulch, course S. 22.90 Gulch, course S. Asc. to 39.10 Ridge, brs. NW. and SE. Desc. slightly to 39.91 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; ¼S14 in N. and S23 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Thence over rolling land, to 79.82 The cor. of secs. 14, 15, 22 and 23. Land, rolling. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde, ocatilla and cacti. Apr. 15, 1915.
	Apr. 16, 1915.
	N.0° 1' W., bet. secs. 14 and 15.
30.00	Over rolling land, through scattering undergrowth.
40.00	Wash, course SSE. 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; ¼S15 in W. and S14 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Desc. 20 ft. to 44.90 Draw, course E. Asc. 30 ft. to 47.50 Desc. to 48.90 Gulch, course E. Asc. 20 ft. to 51.00 Thence over level land. 62.70 Gulch, course ESE. 65.60 Gulch, course ESE. 78.20 Wash, course SE. 80.00 Point for cor. falls on edge of gravel bank, 20 ft. high,

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

chains.
80.30

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 10, 11, 14 and 15, marked on brass cap
1915 on S. rim;
WC N. of center;
T14N R13W 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, 1 1/2 ft. high, W. of cor. Pits impracticable.
Land, rolling.
Soil, shallow, sandy; 3rd rate.
No timber.
Undergrowth, palo verde, yucca, greasewood, mesquite and cacti.

40.00
79.98

From the true point for cor. of secs. 10, 11, 14 and 15,
I run
N.89° 55' E., on a random line, bet. secs. 11 and 14.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, 14 lks. S. of the cor. of secs. 11, 12, 13 and 14.

3.00
6.40
20.00
25.00
39.50
39.99

Thence I run
S.89° 49' W., on a true line, bet. secs. 11 and 14.
Over rolling land; through scattering undergrowth.
Desc. to
Gulch, 30 ft. deep, course N.
Same gulch, course SE. Asc. 105 ft. to
Desc. 35 ft. to
Asc. 120 ft. to
Thence over level land.
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 S11 in N. and
S14 in S. half;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.

45.00
57.00
71.00
77.46

Desc. to
Gulch, course SE.
Draw, course SE. Asc. 15 ft. to
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 10, 11, 14 and 15, marked on brass cap
1915 on S. rim;
WC N. of center;
T14N R13W 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, 1 1/2 ft. high, W. of cor. Pits impracticable.

79.98

The true point for cor. of secs. 10, 11, 14 and 15.
Land, rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood, palo verde, ocotilla, cat claw and cacti.

I. W. S.
Apr. 16, 1915.

R.D.A.
From the true point for cor. of secs. 10, 11, 14 and 15,
I run
N.0° 1' W., bet. secs. 10 and 11.
Over rolling land, through scattering undergrowth.
Asc. 15 ft.

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

Chains.	
.30	The witness cor. to cor. of secs. 10, 11, 14 and 15.
2.00	Desc. 15 ft. to
5.00	Asc. 55 ft. to
8.00	Desc. 30 ft. to
10.00	Asc. 10 ft. to
12.50	Desc. 20 ft. to
18.00	Gulch, 50 lks. wide, course E. Asc. 110 ft. to
36.15	Desc. 40 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; $\frac{1}{4}$ 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. 60 ft. to
43.50	Desc. 45 ft. to
49.00	Gulch, 40 lks. wide, course E. Asc. S. slope, 110 ft. to
60.00	Spur, brs. SE. Desc. N. slope, 45 ft. to
65.00	Asc. 45 ft. to
67.00	Desc. to
69.00	Wash, 20 lks. wide, course SE. Asc. S. slope, 105 ft. to
74.00	Spur, brs. SE. Desc. N. slope, 90 ft. 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 R13W 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 and broken. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde, ocetille and cacti.
40.00	N.89° 49' E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.
79.66	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence I run S.89° 50' W., on a true line, bet. secs. 2 and 11. Over mountainous land, through scattering undergrowth. Asc. 345 ft. to
25.65	Spur, brs. SE. Desc. 70 ft. to
29.65	Asc. 15 ft. to
31.15	Desc. 65 ft. to
34.65	Asc. 20 ft. to
39.83	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 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. Thence along broken S. slope. Desc. 50 ft. to
44.65	Asc. 120 ft. to
53.15	Desc. 15 ft. to
54.65	Asc. 10 ft. to
57.15	Desc. 25 ft. to
61.65	Gulch, course ESE. Thence along N. slope. Asc. 50 ft. to
64.65	Desc. 25 ft. to
69.65	Asc. slightly to
79.66	The cor. of secs. 2, 3, 10 and 11. Land, broken and mountainous.

Chains.

Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood, palo verde, ocotilla and cacti.
Apr. 17, 1915.

Apr. 20, 1915: At 8 hrs. 3 m., a.m., l.m.t., I set off
34° 35' N. on the lat. arc; 11° 18½' N. on the decl. arc;
and determine a meridian with the solar at the cor. of
secs. 2, 3, 10 and 11.

Thence I run

N.0° 1' W., on a random line, bet. secs. 2 and 3.

Set temp. ¼ sec. cor.

Intersect N. bdy. of Tp., 20 lks. E. of the cor. of secs.
2, 3, 34 and 35, which is an iron post, established by
Hans D. Voigt, U. S. Transitman, as described in Book
"A".

Thence I run

S.0° 10' E., on a true line, bet. secs. 2 and 3.

Over mountainous land, through scattering undergrowth.

Desc. SE. slope, 40 ft. to

Gulch, 50 lks. wide, course E. Asc. 155 ft. to

Spur, brs. E. Desc. 100 ft. to

Asc. 140 ft.

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 S3 in W. and

S2 in E. half;

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

Spur, brs. SE. Desc. 145 ft. to

Asc. 50 ft. to

Desc. 130 ft. to

Asc. 30 ft. to

Desc. 30 ft. to

Gulch, ~~course~~ E. Asc. 3. 10 and 11.

~~Thence I run~~ Desc. of secs. 2, 3, 10 and 11.

~~Soil, rocky; 4th rate~~

No timber. Soil, 4th rate.

Undergrowth, palo verde, ocotilla, greasewood and cacti.
Apr. 20, 1915.

Apr. 15, 1915; At 7 hrs. 55 m., a.m., l.m.t., I set off
34° 30½' N. on the lat. arc; 9° 32½' 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, estab-
lished by me, as described in Book "A".

Thence I run

N.0° 2' W., bet. secs. 33 and 34.

Over rolling land, through scattering undergrowth.

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

1915 on S. rim;

¼ S33 in W. and

S34 in E. half;

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

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 27, 28, 33 and 34, marked on
brass cap

1915 on S. rim;

T14N R13W in N. half;

S28 in NW.,

S27 in NE.,

S34 in SE. and

S33 in SW. quadrant;

40.00
76.65

13.65
21.65
31.65
36.65

37.25
46.65
53.65
66.65
71.65
73.00
76.65

40.00

80.00

14.

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

Chains.

	<p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, level and rolling. Soil, rocky; 3rd rate. No timber. Undergrowth, greasewood, palo verde, ocotilla and cacti.</p>
40.00	East on a random line, bet. secs. 27 and 34.
79.70	Set temp. ¼ sec. cor. Intersect N. and S. line, 4 lks. S. of the cor. of secs. 26, 27, 34 and 35. Thence I run S. 89° 58' W., on a true line, bet. secs. 27 and 34. Over bottom land of Big Sandy River, through scattering timber and dense undergrowth.
39.85	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.
58.20	Enter stream of water, 6 ins. deep, course SE.
59.70	Leave stream of water, course SE. Continue across bottom land.
67.70	Foot of bluff, 100 ft. high, brs. N. and S.
68.20	Top of bluff, brs. N. and S. Thence over rolling mesa.
79.70	The cor. of secs. 27, 28, 33 and 34. Land, level and rolling. Soil, sandy and rocky; 3rd rate. Timber, scattering cottonwood: Undergrowth, yucca, greasewood, mesquite, cat claw and cacti. Apr. 15, 1915: At this cor., I set off 9° 36' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 31½' N. R. D. A.
	I. W.S.
	N. 0° 2' W., bet. secs. 27 and 28. Over rolling land, through scattering undergrowth.
15.20	Wash, course SE.
17.50	Desc. 100 ft. to
20.00	Enter wash, course ESE.
33.00	Leave wash, course ESE. Asc. 95 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; ¼ S28 in W. and S27 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
52.00	Top of asc.; desc. 30 ft. to
54.80	Gulch, course E. Asc. to
60.00	Desc. 40 ft. to
66.10	Gulch, course ESE. Asc. 70 ft. to
70.00	Desc. 35 ft. to
74.90	Gulch, course E Asc. to
76.00	Desc. 55 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; T14N R13W in N. half; S21 in NW., S22 in NE., S27 in SE. and S28 in SW. quadrant;

Chains.

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Pits impracticable.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, yucca, palo verde, greasewood, cat claw and
 cacti.

40.00 N.89° 58' E., on a random line, bet. secs. 22 and 27.
 Set temp. ¼ sec. cor.
 ✓80.02 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
 22, 23, 26 and 27.
 Thence I run
 S.89° 55' W., on a true line, bet. secs. 22 and 27.
 Over rolling and broken land, through scattering under-
 growth.
 Asc. 40 ft. to
 23.50 Desc. 20 ft. to
 24.40 Asc. 15 ft. to
 26.00 Desc. 40 ft. to
 28.10 Gulch, course SE. Asc. 40 ft. to
 35.00 Desc. 80 ft.
 ✓40.01 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;
 ¼S22 in N. and
 S27 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.
 40.30 Gulch, course SSE. Asc. 45 ft. to
 45.00 Sandstone ridge, brs. NW. and SE. Desc. 15 ft. to
 46.20 Gulch, course SE. Asc. 25 ft. to
 50.00 Desc. slightly to
 50.50 Gulch, course ESE. Asc. 40 ft. to
 53.00 Desc. 90 ft. to
 54.80 Gulch, course SE. Asc. 90 ft. to
 70.00 Desc. 75 ft. to
 74.80 Wash, 50 lks. wide, course SE. Asc. 15 ft. to
 ✓80.02 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling and broken.
 Soil, rocky and sandy; 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotilla and scrub
 cedar.
 Apr. 15, 1915: At this cor., I set off 9° 36' N. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 32' N.
 Apr. 15, 1915.

Apr. 16, 1915.
 N.0° 2' W., bet. secs. 21 and 22.
 Over rolling land, through scattering undergrowth.
 Asc. 60 ft. to
 3.50 Desc. 15 ft. to
 6.00 Gulch, course SE. Asc. 75 ft. to
 12.00 Desc. 25 ft. to
 18.30 Gulch, course ESE. Asc. 40 ft. to
 22.00 Desc. 35 ft. to
 24.60 Asc. 50 ft. to
 29.60 Thence over level 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;
 ¼S21 in W. and
 S22 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Pits impracticable.

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

Chains.	
55.20	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. 15, 16, 21 and 22, marked on brass cap 1915 on S. rim; T14N R13W 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, 1½ ft. high, W. of cor. Pits impracticable. Land, level and rolling. Soil, sandy; 2nd and 3rd rate. No timber. Undergrowth, yucca, palo verde, ocatilla, greasewood and cacti.
40.00	N.89° 55' E., on a random line, bet. secs. 15 and 22.
80.28	Set temp. ¼ sec. cor. Intersect N. and S. line, 16 lks. N. of the cor. of secs. 14, 15, 22 and 23. Thence I run N.89° 58' W., on a true line, bet. secs. 15 and 22. Over level land, through scattering undergrowth.
14.60	Draw, course SSE. Asc. 20 ft. to
16.70	Desc. 45 ft. to
30.70	Draw, course SSE. Asc. 35 ft. to
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; ¼S15 in N. and S22 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Desc. 30 ft. to
44.50	Draw, course SE. Asc. 40 ft. to
48.70	Desc. 20 ft. to
50.80	Draw, course SE. Asc. 20 ft. to
52.50	Desc. to
74.10	Wash, course SE. Thence over level land. to
80.28	The cor. of secs. 15, 16, 21 and 22. Land, level and rolling. Soil, sandy; 2nd and 3rd rate. No timber. Undergrowth, greasewood, palo verde, ocatilla, cat claw and cacti. Apr. 16, 1915: At this cor., I set off 9° 57½' N! on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 33' N. ✓ I.W. S. Apr. 16, 1915.
40.00	Apr. 17, 1915: R. D. A. N.0° 2' W., bet. secs. 15 and 16. Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S16 in W. and S15 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Asc. 65 ft. to Thence over level land. Desc. 25 ft. to Asc. 115 ft. to 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
58.50	
60.00	
65.00	
80.00	

Subdivision of T. 14 N., R. 13 W. 17.

Chains.

brass cap
 1915 on S. rim;
 T14N R13W 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, level and rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, and cacti.
 Apr. 17, 1915: At this cor., I set off 10° 18½' N. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 34' N. ✓

40.00 ✓ S. 89° 58' E., on a random line, bet. secs. 10 and 15.
 Set temp. ¼ sec. cor.
 80.00 ✓ Intersect N. and S. line, 30 lks. S. of the witness cor.
 to cor. of secs. 10, 11, 14 and 15, which is an iron
 post, set .30 chs. N. of the true point for cor. of sec.
 10, 11, 14 and 15.
 From the true point for cor. of secs. 10, 11, 14 and 15,
 I run
 ✓ N. 89° 58' W., on a true line, bet. secs. 10 and 15.
 Over gently rolling land, through scattering undergrowth.
 Asc. 100 ft. to
 32.50 Desc. 15 ft. to
 35.00 Thence over level 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;
 ¼ S10 in N. and
 S15 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.
 48.50 Desc. 30 ft. to
 50.00 Asc. 55 ft. to
 57.50 Desc. 30 ft. to
 60.00 Asc. 90 ft. to
 80.00 The cor. of secs. 9, 10, 15 and 16.
 Land, level and gently rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotillo and cacti.
 Apr. 17, 1915.

Apr. 20, 1915.
 N. 0° 2' W., bet. secs. 9 and 10.
 Over rolling land, through scattering undergrowth.
 Asc. slightly to
 1.50 Desc. 145 ft. to
 38.00 Wash, 50 lks. wide, course SE. Asc. 65 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;
 ¼ S9 in W. and
 S10 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Pits impracticable.
 43.00 Desc. 50 ft. to
 52.00 Center of wash, 1 ch. wide, course SE. Asc. 120 ft. to
 62.50 Desc. 35 ft. to
 65.99 Asc. 70 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

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

Chains.

ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap

1915 on S. rim;
T14N R13W. in N. half;
S4 in NW.,
S3 in NE.,
S10 in SE. and
S9 in SW. quadrant;

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

Land, rolling.

Soil, 2nd and 4th rate.

Timber, juniper.

Undergrowth, greasewood, palo verde, and cacti.

Apr. 20, 1915: At this cor., I set off 11° 21 1/2' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 35' N. ✓

S. 89° 58' E., on a random line, bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

80.15 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence I run

N. 89° 56' W., on a true line, bet. secs. 3 and 10.

Over rolling land, through scattering undergrowth.

Asc. NE. slope, 135 ft. to

18.00 Ridge, brs. NW. and SE. Desc. 30 ft. to

35.00 Asc. 70 ft.

40.07 1/2 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

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

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

42.00 Ridge, brs. NW. and SE. Desc. SW. slope, 115 ft. to

60.00 Asc. 70 ft. to

64.00 Desc. to

70.00 Wash, 50 lks. wide, course SE. Asc. 90 ft. to

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

Land, level and rolling.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, greasewood, palo verde and cacti.

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

40.00 Set temp. 1/4 sec. cor.

76.57 Intersect N. bdy. of Tp., 7 lks. E. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, established by Hans D. Voigt, U. S. Transitman, as described in Book "A".

Thence I run

S. 0° 5' E., on a true line, bet. secs. 3 and 4.

Over mountainous land, through scattering timber and undergrowth.

Asc. 75 ft. to

10.55 Desc. SE. slope, 135 ft. to

16.55 Asc. N. slope, 130 ft. to

26.55 Ridge, brs. NW. and SE. Desc. S. slope, 115 ft. to

31.55 Draw, course SE. Asc. 95 ft.

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

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

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

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

19.

Chains.

W. of cor. Pits impracticable.
 38.55 Spur, brs. E. Desc. 30 ft. to
 42.55 Asc. 35 ft. to
 45.55 Desc. 160 ft. to
 51.60 Asc. 95 ft. to
 58.05 Desc. 50 ft. to
 61.55 Asc. 45 ft. to
 65.55 Spur, brs. SE. Desc. S. slope, 115 ft. to
 71.55 Draw, course E. Asc. N. slope, 50 ft. to
 75.55 Spur, brs. E. Desc. S. slope, 15 ft. to
 76.57 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, palo verde, mesquite and cacti.
 R. D. A.
 Apr. 20, 1915.

Apr. 15, 1915: I. W. S.
 At 9 hrs. 3 m., a.m., l.m.t., I set off $34^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $9^{\circ} 33\frac{1}{2}'$ 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 me, as described in Book "A".
 Thence I run
 N. $0^{\circ} 2'$ W., bet. secs. 32 and 33.
 Over rolling land, through scattering undergrowth.
 4.05 Old road, brs. NW. and SE.
 20.00 Desc. 20 ft. to
 25.20 Draw, course SE. Asc. 60 ft. to
 33.10 Ridge, brs. NW. and SE. Desc. 30 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;
 $\frac{1}{4}$ S32 in W. and
 S33 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Desc. 30 ft. to
 52.00 Draw, course SE. Asc. to
 57.00 Desc. to
 67.00 Wash, course SE. Asc. to
 74.00 Desc. to
 77.20 Wash, course SE. Asc. slightly to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap
 1915 on S. rim;
 T14N R13W 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, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Land, rolling.
 Soil, sandy and gravelly; 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca, palo verde and cacti.

East on a random line, bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersact N. and S. line, 7 lks. S. of the cor. of secs. 27, 28, 33 and 34.
 Thence I run
 S. $89^{\circ} 57'$ W., on a true line, bet. secs. 28 and 33.

20.

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

Chains.	Over gently rolling land, through scattering undergrowth. Wash, course SE.
13.00	Wash, course SE.
30.10	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
39.99	1915 on S. rim; $\frac{1}{4}$ S28 in N. and S33 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
75.50	Wash, course SE.
79.98	The cor. of secs. 28, 29, 32 and 33. Land, gently rolling. Soil, sandy and gravelly; 2nd rate. No timber. Undergrowth, greasewood, yucca, palo verde and cacti. Apr. 15, 1915.
	Apr. 16, 1915: At 9 hrs. 3 m., a.m., l.m.t., I set off $34^{\circ} 31\frac{1}{2}'$ N. on the lat. arc; $9^{\circ} 55'$ 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 rolling land, through scattering undergrowth.
3.00	Wash, course ESE.
17.80	Wash, course E.
25.00	Wash, course ESE. Asc. 60 ft. to
28.00	Desc. 25 ft. to
34.40	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; $\frac{1}{4}$ 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.
44.50	Draw, course SE. Asc. 15 ft. to
46.50	Desc. 20 ft. to
50.50	Wash, course SE. Asc. 30 ft. to
56.50	Desc. 65 ft. to
59.20	Enter wash, course SE.
72.40	Leave wash, course SE. Asc. 75 ft. to
74.00	Desc. 15 ft. to
75.00	Asc. 25 ft. to
76.60	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, 28 and 29, marked on brass cap
	1915 on S. rim; T14N R13W 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, rolling. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, palo verde, yucca, mesquite and cacti.
40.00	N. $89^{\circ} 57'$ E., on a random line, bet. secs. 21 and 28.
80.04	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 2 lks. S. of the cor. of secs.

Chains.

21, 22, 27 and 28.
 Thence I run
 S. 89° 56' W., on a true line, bet. secs. 21 and 28.
 Over rolling land, through scattering undergrowth.
 Asc. 95 ft. to
 15.00 Desc. 25 ft. to
 16.00 Wash, course SE.
 17.50 Same wash, course NE.
 21.45 Same wash, course SE.
 23.45 Same wash, course NE.
 26.95 Same wash, course SE. Asc. 105 ft. to
 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;
 $\frac{1}{4}$ S21 in N. and
 S28 in S. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 M. of cor. Pits impracticable.
 Asc. 45 ft. to
 47.55 Desc. 50 ft. to
 68.25 Wash, course S. Asc. slightly to
 80.04 The cor. of secs. 20, 21, 28 and 29,
 Land, rolling.
 Soil, sandy and gravelly; 2nd rate.
 No timber.
 Undergrowth, greasewood, palo verde, yucca, palo christo
 and cacti.

I. W. S.
Apr. 16, 1915.

R. D. A.
 Apr. 17, 1915: At 8 hrs. 4 m., a.m., l.m.t., I set off
 34° 32' N. on the lat. arc; 10° 15 $\frac{1}{2}$ ' N. on the decl.
 arc; and determine a meridian with the solar at the cor.
 of secs. 20, 21, 28 and 29.
 Thence I run
 N. 0° 2' W., bet. secs. 20 and 21.
 Over rolling land, through scattering undergrowth.
 Desc. 25 ft. to
 5.00 Asc. 145 ft. to
 29.00 Spur, brs. SE. Desc. NE. slope, 60 ft. to
 34.00 Wash, 25 lks. wide, course SE. Asc. SW. slope, 105 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;
 $\frac{1}{4}$ 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.
 42.00 Spur, brs. SE. Desc. NE. slope, 15 ft. to
 45.00 Asc. 25 ft. to
 50.00 Desc. 40 ft. to
 55.00 Wash, 10 lks. wide, course SE. Asc. SW. slope, 90 ft. to
 65.00 Desc. 25 ft. to
 75.00 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;
 T14N R13W 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, mountainous and rolling.
 Soil, rocky; 4th rate.
 No timber.

22.

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

Chains.

Undergrowth, greasewood, palo verde, ocotillo and cacti.

40.00 N.89° 56' E., on a random line, bet. secs. 16 and 21.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect N. and S. line, at the cor. of secs. 15, 16, 21
and 22.
Thence I run
S.89° 56' W., on a true line, bet. secs. 16 and 21.
Over level land, through scattering undergrowth.
9.95 Asc. 25 ft. to
15.00 Thence over level land.
25.00 Asc. 25 ft. to
30.00 Thence over level land.
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;
 $\frac{1}{4}$ S16 in N. and
S21 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high, N. of cor.
55.00 Asc. 40 to
68.50 Desc. 20 ft. to
70.00 Asc. 65 ft. to
79.96 The cor. of secs. 16, 17, 20 and 21.
Land, level and rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood and palo verde.

R. D. A.

I. W. S.
N.0° 2' W., bet. secs. 16 and 17.
Over level land, through scattering undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ 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.
68.00 Wash, course ESE.
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 R13W 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, level.
Soil, gravelly loam; 1st rate.
Timber, juniper.
Undergrowth, yucca, greasewood and cacti.

40.00 N.89° 56' E., on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
80.18 Intersect N. and S. line, $\frac{1}{2}$ lks. N. of the cor. of secs.
9, 10, 15 and 16.

Chains.

Thence I run
West on a true line, bet. secs. 9 and 16.
Over gently rolling land, through scattering undergrowth.
Wash, course SE.
18.20
40.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ S9 in N. and
S16 in S. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Pits impracticable.
52.60 Wash, course SE.
61.90 Wash, course SE.
80.18 The cor. of secs. 8, 9, 16 and 17.
Land, gently rolling.
Soil, sandy loam; 2nd rate.
Timber, juniper.
Undergrowth, yucca, palo verde, cat claw, greasewood and
cacti.
Apr. 17, 1915.

Apr. 20, 1915: At 9 hrs. 5 m., a.m., l.m.t., I set off
 $34^{\circ} 34'$ N. on the lat. arc; $11^{\circ} 19'$ 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. $0^{\circ} 2'$ W., bet. secs. 8 and 9.
Over rolling land, through scattering timber and under-
growth.
13.00 Gulch, course SE. Asc. 20 ft. to
16.00 Desc. slightly to
19.20 Gulch, course SSE. Asc. 30 ft. to
28.00 Desc. slightly to
30.20 Gulch, course SE. Asc. 50 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;
 $\frac{1}{4}$ 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.
Desc. slightly to
41.90 Gulch, course SE. Asc. 50 ft. to
48.00 Desc. 30 ft. to
52.60 Gulch, course SE. Asc. 60 ft. to
57.50 Desc. 15 ft. to
62.10 Gulch, course SSE. Asc. 30 ft. to
64.00 Desc. 45 ft. to
71.55 Gulch, course SE. Asc. 30 ft. to
73.60 Desc. 10 ft. to
75.60 Gulch, course SE. Asc. 60 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 4, 5, 8 and 9, marked on brass
cap
1915 on S. rim
T14N R13W 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, $1\frac{1}{2}$ ft. high,
W. of cor. Pits impracticable.
Land, rolling.
Soil, shallow, rocky; 3rd and 4th rate.
Timber, juniper.
Undergrowth, greasewood, palo verde and cacti.
Apr. 20, 1915.

24.

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

Chains.

	Apr. 21, 1915: At 9 hrs. 0 m., a.m., l.m.t., I set off 34° 35' N. on the lat. arc; 11° 39½' N. on the decl. and determine a meridian with the solar at the cor. of secs. 8, 9, 4 and 5.
	Thence I run
	East on a random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, 23 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence I run
	N.89° 50' W., on a true line, bet. secs. 4 and 9.
	Over mountainous land, through scattering timber and undergrowth.
	Desc. 140 ft. to
21.25	Center of wash, 80 lks. wide, course SE. Asc. 170 ft. to
39.98	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 N. and
	S9 in S. half;
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
	Asc. 15 ft. to
40.55	Ridge, brs. NW. and SE. Desc. 75 ft. to
44.95	Asc. 30 ft. to
46.95	Desc. 45 ft. to
52.35	Gulch, course SSE. Asc. 140 ft. to
59.40	Ridge, brs. NNW. and SSE. Desc. 105 ft. to
68.15	Gulch, course SSE. Asc. 105 ft. to
74.95	Ridge, brs. NNW. and SSE. Desc. 35 ft. to
78.75	Gulch, course SSE. Asc. to
79.96	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous.
	Soil, gravelly loam, 3rd rate.
	Timber, juniper.
	Undergrowth, greasewood, palo verde, ocotilla and cacti.
	Apr. 21, 1915: At this cor., I set off 11° 42' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 35' N. ✓
	N.0° 2' W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
76.60	Intersect N. bdy. of Tp., 19 lks. W. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, established by Hans D. Voigt, U. S. Transitman, as described in Book "A".
	Thence I run
	S.0° 6' W., on a true line, bet. secs. 4 and 5.
	Over rolling land, through scattering timber and undergrowth.
	Asc. 70 ft. to
15.55	Desc. 125 ft. to
22.50	Gulch, course SSE.
27.10	Gulch, course ESE. Asc. 75 ft. to
33.10	Top of hill. Desc. 150 ft.
36.60	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;
	¼S5 in W. and
	S4 in E. half;
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
48.70	Wash, course SE. Asc. 50 ft. to
60.60	Desc. 120 ft. to
69.30	Gulch, course SSE. Asc. 30 ft. to
72.60	Desc. 25 ft. to
76.60	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling.

Chains.

Soil, rocky; 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, palo verde, yucca and cacti.
 I. W. S.
 Apr. 21, 1915.

R. D. A.
 Apr. 16, 1915: At 8 hrs. 55 m., a.m., l.m.t., I set off
 34° 30½' N. on the lat. arc; 9° 55' 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 I. W. S.,
 as described in Book "A".

5.00
 10.00
 20.00
 30.00
 32.50
 40.00

Thence I run
 N.0° 3' W., on a true line, bet. secs. 31 and 32.
 Over rolling land, through scattering undergrowth.
 Asc. 25 ft. to
 Desc. 25 ft. to
 Asc. 45 ft. to
 Thence over level land.
 Asc. 25 ft. to
 Desc. 40 ft. to
 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;
 ¼S31 in W. and
 S32 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Pits impracticable.

45.00
 50.00
 58.00
 70.00
 80.00

Asc. 40 ft. to
 Desc. 25 ft. to
 Wash, 50 lks. wide, course SE. Asc. 105 ft.
 Road, brs. NW. and SE.
 Thence over level land.
 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 R13W 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, 1½ ft. high,
 W. of cor. Pits impracticable.

Land, level and rolling.
 Soil, 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, yucca and cacti.
 R. D. A.

40.00
 79.76
 5.15
 33.40
 39.88

I. W. S. and R. D. A.
 East on a random line, bet. secs. 29 and 32.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 18 lks. N. of the cor. of secs.
 28, 29, 32 and 33.
 Thence I run
 N.89° 52' W., on a true line, bet. secs. 29 and 32.
 Over rolling land, through scattering undergrowth.
 Wash, course ESE.
 Draw, 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;
 ¼S29 in N. and
 S32 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,

26.

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

Chains.	N. of cor. Pits impracticable. Desc. 25 ft. to Asc. 45 ft. to Desc. 15 ft. to Asc. 40 ft. to Desc. 50 ft. to Asc. 55 ft. to The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, 3rd and 4th rate. No timber. Undergrowth, greasewood, palo verde, ocotille and cacti. I. W. S. and R. S. A.
44.75 52.25 54.75 59.75 69.75 79.76	
40.00 78.86 18.80 29.00 38.86 68.80 78.86	R. D. A. West on a random line, bet. secs. 30 and 31. Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp., 35 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by me, as described in Book "A". Thence I run N. 89° 45' E., on a true line, bet. secs. 30 and 31. Over rolling land, through scattering undergrowth. Enter wash, course SE. Leave wash, 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; $\frac{1}{4}$ 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. Road, brs. NW. and SE. The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, sandy; 3rd rate. Timber, juniper. Undergrowth, greasewood, palo verde, ocotille and cacti. Apr. 16, 1915: At this cor., I set off 9° 57 $\frac{1}{2}$ ' 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.
3.50 10.00 13.50 25.00 35.00 40.00 42.50 45.00 63.00 72.60 80.00	N. 0° 3' W., bet. secs. 29 and 30. Over rolling and broken land, through scattering timber and undergrowth. Asc. 35 ft. to Desc. 35 ft. to Asc. 45 ft. to Thence over level land. Asc. 40 ft. to Desc. 25 ft. to Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ 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. Asc. 15 ft. to Desc. 10 ft. to Asc. 135 ft. to Spur, brs. E. Desc. N. slope, 85 ft. to Wash, 25 lks. wide, course SE. Asc. 45 ft. to Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap 1915 on S. rim;

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

Chains.

T14N R13W 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, 1½ ft. high,
 W. of cor. Pits impracticable.
 Land, rolling, level and broken.
 Soil, rocky; 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, palo verde, ocotilla and cacti.

40.00 S.89° 52' E., on a random line, bet. secs. 20 and 29.
 79.54 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 28 lks. S. of the cor. of secs.
 20, 21, 28 and 29.
 Thence I run
 S.89° 56' W., on a true line, bet. secs. 20 and 29.
 Over level and rolling land, through scattering timber
 and undergrowth.
 5.45 Bluff, brs. NW. and SE. Desc. SW. slope, 55 ft. to
 6.05 Enter wash, course SE.
 19.55 Leave wash, course SE. Asc. NE. slope, 185 ft.
 39.77 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;
 ¼S20 in N. and
 S29 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.
 41.80 Desc. 30 ft. to
 44.55 Asc. 45 ft. to
 54.55 Desc. slightly to
 57.50 Wash, 15 lks. wide, course SE. Asc. 105 ft. to
 74.55 Spur, brs. SE. Desc. SW. slope, 50 ft. to
 79.54 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, 3rd and 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, palo verde, ocotilla and cacti.

40.00 S.89° 45' W., on a random line, bet. secs. 19 and 30.
 78.76 Set temp. ¼ sec. cor.
 Intersect W. bdy. of the Tp., at the cor. of secs. 19, 24,
 25 and 30, which is an iron post, established by me,
 as described in Book "A".
 Thence I run
 N.89° 45' E., on a true line, bet. secs. 19 and 30.
 Over broken and rolling land, through scattering timber
 and undergrowth.
 Desc. 45 ft. to
 8.75 Asc. 15 ft. to
 10.75 Desc. 15 ft. to
 13.25 Asc. 20 ft. to
 17.75 Desc. 15 ft. to
 18.75 Asc. 25 ft. to
 23.75 Desc. 65 ft. to
 33.75 Asc. 25 ft.
 38.76 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 ¼S19 in N. and
 S30 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.
 48.75 Spur, brs. SE. Desc. NE. slope, 175 ft. to

Chains.

70.75

78.76

Wash, 25 lks. wide, course SE. Asc. to
The cor. of secs. 19, 20, 29 and 30.
Land, rolling and broken.
Soil, 4th rate.
Timber, juniper.
Undergrowth, greasewood, palo verde, ocetilla and cacti.
R. D. A.
Apr. 16, 1915.

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

At 7 hrs. 52 m., a.m., l.m.t., I set off $34^{\circ} 32'$ W. on the
lat. arc; $10^{\circ} 15\frac{1}{2}'$ 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 under-
growth.

Asc. 70 ft. to

4.00

Desc. 95 ft. to

10.70

Gulch, course SE. Asc. 45 ft. to

13.30

Top of knoll. Desc. 50 ft. to

15.65

Asc. 55 ft. to

23.35

Desc. 35 ft. to

32.50

Wash, course SE. Asc. 30 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;

$\frac{1}{4}$ 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.

Desc. 70 ft. to

55.10

Wash, course NE. Asc. 40 ft. to

57.80

Desc. to

62.00

Gulch, course E. Asc. 25 ft. to

65.00

Mountain with mound on top brs. W. 20 chs. dist.

71.80

Desc. to

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;

T14N R13W 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; 4th rate.

Timber, juniper.

Undergrowth, greasewood, yucca, palo verde and cacti.

40.00

79.70

N. $89^{\circ} 56'$ E., on a random line, bet. secs. 17 and 20.

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

Intersect N. and S. line, 16 lks. S. of the cor. of secs.
16, 17, 20 and 21.

Thence I run

S. $89^{\circ} 49'$ W., on a true line, bet. secs. 17 and 20.

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

Asc. 25 ft. to

4.00

Desc. 25 ft. to

8.00

Asc. 60 ft. to

19.70

Divide, brs. N. and S. Desc. 25 ft. to

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

Chains.
 27.90 Asc. 45 ft. to
 31.80 Desc. 60 ft.
 39.85 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rimp
 $\frac{1}{4}$ S17 in N. and
 S20 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 51.40 Gulch, course S. Asc. to
 56.50 Desc. 35 ft. to
 71.40 Wash, course SE. Asc. to
 75.70 Thence over level land.
 79.70 The cor. of secs. 17, 18, 19 and 20.
 Land, level and rolling.
 Soil, rocky; 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, yucca, cat claw, palo verde and cacti.
 Apr. 17, 1915: At this cor., I set off $10^{\circ} 18\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 33'$ N.✓

40.00 S. $89^{\circ} 45'$ W., on a random line, bet. secs. 18 and 19.
 78.75 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect W. bdy. of Tp., 21 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by me, as described in Book "A".
 Thence I run
 N. $89^{\circ} 54'$ E., on a true line, bet. secs. 18 and 19.
 Over hilly land, through scattering timber and undergrowth.
 Desc. 195 ft. to
 22.45 Gulch, course SE. Asc. 85 ft. to
 30.75 Desc. 50 ft. to
 34.75 Asc. 20 ft. to
 38.75 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;
 $\frac{1}{2}$ 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.
 Asc. 15 ft. to
 45.45 Desc. 105 ft. to
 52.25 Draw, course ENE. Asc. 40 ft. to
 60.75 Spur, brs. N. from mountain, 15 chs. S. Desc. 125 ft. to
 78.75 The cor. of secs. 17, 18, 19 and 20.
 Land, hilly.
 Soil, rocky; 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, palo verde and yucca.
 Apr. 17, 1915.

Apr. 19, 1915: At 9 hrs. 8 m., a.m., l.m.t., I set off $34^{\circ} 33'$ N. on the lat. arc; $10^{\circ} 58\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.
 Thence I run
 N. $0^{\circ} 3'$ W., bet. secs. 17 and 18.
 Over rolling land, through scattering timber and undergrowth.
 Desc. slightly to
 3.70 Wash, course ESE. Thence over level land.
 11.90 Wash, course SE.
 35.40 Wash, course SSE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

30.

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

Chains. 56.30 59.90 76.00 80.00	<p>ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$S18 in W. and S17 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p> <p>Asc. 75 ft. to Desc. 30 ft. to Wash, course SW. Thence over level land to Asc. 60 ft. to 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 R13W 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.</p> <p>Land, rolling. Soil, rocky; 3rd and 4th rate. Timber, juniper. Undergrowth, greasewood, yucca, mesquite, ocatilla and cacti.</p>
40.00 79.64 16.00 24.00 39.82 44.00 48.70 70.00 75.00 79.64	<p>N.89° 49' E., on a random line, bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 14 lks. N. of the cor. of secs. 8, 9, 16 and 17. Thence I run S.89° 55' W., on a true line, bet. secs. 8 and 17. Over rolling land, through scattering timber and under- growth.</p> <p>Wash, course SE. Wash, course SE. Asc. 70 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; $\frac{1}{4}$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.</p> <p>Desc. 30 ft. to Wash, course SSE. Asc. 15 ft. to Desc. 15 ft. to Wash, course SSE. Asc. 45 ft. to The cor. of secs. 7, 8, 17 and 18. Land, rolling. Soil, rocky; 4th rate. Timber, juniper. Undergrowth, greasewood, palo verde, mesquite, cat claw, yucca and cacti. Apr. 19, 1915: At this cor., I set off $11^{\circ} \frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 34'$ N.</p>
40.00 78.48	<p>S.89° 54' W., on a random line, bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp., 7 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by me, as described in Book "A". Thence I run N.89° 51' E., on a true line, bet. secs. 7 and 18.</p>

Chains.
 14.50 Over mountainous land, through scattering undergrowth.
 Asc. 80 ft. to
 30.00 Ridge, brs. NNW. and SSE. Desc. 360 ft. to
 38.48 Foot of desc., brs. N. and S. Enter wash, course SSE.
 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.
 64.70 Leave wash, course SSE. Asc. 190 ft. to
 78.48 Top of hill. Desc. 130 ft. to
 The cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotilla and cacti.

N.0° 3' W., bet. secs. 7 and 8.
 Over rolling land, through scattering undergrowth.
 Desc. 25 ft. to
 8.00 Asc. 40 ft. to
 12.00 Thence over level land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ 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.
 70.00 Desc. slightly to
 76.70 Gulch, course SSE. Asc. 35 ft. to
 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 R13W 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, level and rolling.
 Soil, sandy loam; 1st and 4th rate.
 Timber, juniper.
 Undergrowth, greasewood, yucca, palo verde, ocotilla and
 cacti.
 Apr. 19, 1915.

Apr. 20, 1915.
 N.89° 55' E., on a random line, bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.70 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
 4, 5, 8 and 9.
 Thence I run
 S.89° 57' W., on a true line, bet. secs. 5 and 8.
 Over rolling land, through scattering timber and under-
 growth.
 Asc. 20 ft. to
 1.50 Desc. 35 ft. to
 5.80 Gulch, course SE. Asc. 50 ft. to
 11.00 Desc. 25 ft. to
 17.10 Gulch, course SE. Asc. 35 ft. to
 22.80 Desc. 20 ft. to
 28.90 Gulch, course S. Thence along S. slope to

32.

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

Chains.	
32.00	Gulch, course ESE. Asc. 65 ft.
39.85	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ 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.
44.00	Desc. 15 ft. to
52.00	Wash, course S. Asc. 35 ft. to
56.00	Desc. to
60.10	Wash, course S. Asc. 45 ft. to
64.00	Desc. 20 ft. to
68.00	Thence over level land.
79.70	The cor. of secs. 5, 6, 7 and 8. Land, level and rolling. Soil, rocky; 3rd rate. Timber, juniper. Undergrowth, greasewood, yucca, palo verde, ocotilla and cacti. Apr. 20, 1915: At this cor., I set off $11^{\circ} 21\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 35'$ N. ✓
40.00	S. $89^{\circ} 51'$ W., on a random line, bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
78.46	Intersect W. bdy. of Tp., 33 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 S. $89^{\circ} 55'$ E., on a true line, bet. secs. 6 and 7. Over hilly land, through scattering timber and undergrowth. Desc. to
4.65	Wash, course SE. Asc. 65 ft. to
9.25	Desc. 20 ft. to
11.25	Gulch, course S. Asc. slightly to
13.45	Desc. 10 ft. to
15.35	Gulch, course SSE.
20.55	Gulch, course S. Asc. 95 ft. to
26.45	Desc. 45 ft. to
35.15	Asc. 60 ft.
38.46	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. Thence through pass in ridge which has. NW. and SE.
45.45	Mountain brs. N. 12 chs. dist.
70.45	Desc. 30 ft. to
78.46	The cor. of secs. 5, 6, 7 and 8. Land, hilly. Soil, rocky; 4th rate. Timber, juniper. Undergrowth, palo verde, ocotilla and cacti.
40.00	N. $0^{\circ} 3'$ W., on a random line, bet. secs. 5 and 6. Set temp. $\frac{1}{4}$ sec. cor.
76.78	Intersect N. bdy. of Tp., 30 lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, established by Hans D. Voigt, U. S. Transitman, as described in Book "A". S. $0^{\circ} 10'$ W., on a true line, bet. secs. 5 and 6. Over gently rolling land, through scattering timber and

Chains.

36.78 undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S6 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.

50.80 Wash, course SE.
 76.78 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, sandy loam; 1st and 2nd rate.
 Timber, juniper.
 Undergrowth, greasewood, yucca, palo verde, cat claw, ocatillo and cacti.

I. W. S.
 Apr. 20, 1915.

GENERAL DESCRIPTION.

This Tp. is generally rough, rolling and broken. The extreme west portion is particularly rough and broken. The whole Tp. is cut by many washes, sloping south-easterly to the Big Sandy River, which flows southerly through the east tier of secs. The soil is rocky and sandy, except in some places along the Sandy River, where loam and humus enter, making very good soil. There are a few ranches along the river, but not of any large acreage. Along the river, there are aspen, cottonwood, locust and other trees but the vegetation is generally in the cacti family, consisting of yucca, giant-cacti, cholla, ocatillo, palo verde, cat claw, greasewood, etc. There are some small indications of mineral, and some prospects scattered about.

U. S. Surveyor.

U. S. Surveyor.

ECOPY 2820
34

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 13 West.
Gila and Salt River Base and Meridian, Arizona.

executed by Irving W. Stoddard, U.S. Surveyor, & R.D. Armstrong, U.S. Transitman, under ^{their} 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.

Surveyor General of Arizona.

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