

Book "C"

JUL 3-1907

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BOOK 2055

FIELD NOTES

OF THE SURVEY OF THE

Re-survey of the subdivision lines of Tp. 1 N. Rg. 2 W.

2055

2055

2055

Of the Gila and Salt River Meridian,

Territory of Arizona.

AS SURVEYED BY

John F. Hesse, United States Deputy Surveyor,

Under his Contract No. 142, dated November 10th. 1906., 189

Survey commenced May 29, 1907., 189

Survey completed June 16, 1907, 189

2055

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BOOK 2055

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#31C
BOOK 2055

PRELIMINARY OATHS OF ASSISTANTS.

WE, A. N. Oliver and H. S. Young
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the ^{re} survey of
the subdivision lines of Tp. 1 N. Rg. 2 W.

A. N. Oliver, Chainman.
H. S. Young, Chainman.

Subscribed and sworn to before me this 29th
day of May 1907, 189



John P. Hesse
U. S. Dep. Surveyor

WE, I. C. C. Collins
do solemnly swear that ~~we~~ we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given ~~us~~ me, to the best of ~~my~~ my skill and ability, in the ^{re} survey of
subdivision lines of Tp. 1 N. Rg. 2 W.

I. C. C. Collins, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 29th
day of May 1907, 189



John P. Hesse
U. S. Dep. Surveyor

WE, I. Ben Jones and
do solemnly swear that ~~we~~ we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given ~~us~~ me, to the best of ~~my~~ my skill and ability, in the ^{re} survey of
the subdivision lines of Tp. 1 N. Rg. 2 W.

I. Ben Jones, Axman.
_____, Axman.

Subscribed and sworn to before me this 29th
day of May 1907, 189



John P. Hesse
U. S. Dep. Surveyor

I, W. W. Shawk, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the ^{re} survey of the subdivision lines of Tp. 1 N. Rg. 2 W.

W. W. Shawk, Flagman.

Subscribed and sworn to before me this 29th
day of May 1907, 189



John P. Hesse
U. S. Dep. Surveyor

No notary available without loss of time and great expense

Subdivision of Tp. 1N. Rg. 2W.

Chains

Survey commenced May 29, 1907, and executed with a Young and Sons light mountain transit No. 7532, with solar attachment. The horizontal limb is provide with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Phoenix, found correct, and was approved by the Surveyor General for Arizona

I examine the adjustments of the transit and find them correct, then to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m., and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows.

At my camp, which is situated 20.00 chains south of the cor. of secs. 27, 28, 33 and 34, Tp. 1 N. Rg. 2 W.; latitude $33^{\circ} 23' 19''$ N., longitude $112^{\circ} 26' 42''$ W.; At 3h. 7m. a. m. by my watch, which has correct l.m.t., I observe Polaris at eastern elongation, in accordance with manual of instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

I mark my station point by a cross on an iron spike driven firmly in the ground.

At 6h. a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 25'$ to the west, and mark the meridian thus determined by a groove on an iron spike driven firmly in the ground 5 chs. N. of my station.

At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 23 \frac{1}{2}'$ N. on the lat. arc; $21^{\circ} 31'$ N. on the dec'l. arc; and mark a point in the meridian determined with the solar, by a cross on the spike already set 5 chs. N. of my station; this mark coincides with the meridian established by the Polaris observation.

The magnetic bearing of the true meridian, at 8h. 00m. a. m. is N. $14^{\circ} 05'$ W.; the angle thus determined gives the mean mag. dec'l. $14^{\circ} 05'$ E.

At 3h. 00m. p.m., l.m.t., I set off $33^{\circ} 23 \frac{1}{2}'$ N. on the lat. arc; $21^{\circ} 33 \frac{1}{2}'$ N. on the dec'l. arc; and mark a point in the meridian determined with the solar, by a cross on the spike already set 5 chs. N. of my station; this mark coincides with the meridian established by the Polaris observation.

The solar apparatus, by a.m. and p.m. observations defines positions for meridians which coincide with the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

May 29. 1907

May 30; At 6h. 30m. a.m., l.m.t. I set off $33^{\circ} 23 \frac{1}{2}'$ N. on the lat. arc; $21^{\circ} 40 \frac{1}{2}'$ N. on the dec'l. arc; and determine a meridian with the solar at the cor. of sec. 25 and 36 on the E. bdy. of the Tp.

Thence from true point for cor. in bed of Gila river I run

West on sectional correction line bet. secs. 25 and 36.

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

80.99 Set temp. cor. of secs. 25, 26, 35, and 36.

Thence I go to the cor. of secs. 35 and 36 on the S. bdy. of the Tp.

Thence I run

North on a sectional guide meridian bet. secs. 35 and 36

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

81.08 Intersect Intersect E. and W. line 80.87 chs. W. of the cor. of secs. 25 and 36 on the E. bdy. of the Tp.

Subdivision of Tp. 1N. Rg. 2 W.

Chains.	
	Then from cor. of secs. 25 and 36 on the E. bdy. of the Tp. from true point for cor. I run
	West on sectional correction line bet. secs. 25 and 36.
	Over dry, sandy bed of Gila River.
40.87	Point for $\frac{1}{4}$ sec. cor. falls in bed of river and as there is no place on line where a witness cor. can be established, from this point I run N. 11.00 chs. and set a granite stone 18 x 6 x 5 ins. 12' ins. in the ground for witness $\frac{1}{4}$ sec. cor., marked WC06 $\frac{1}{4}$ on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.
62.00	Through arrow brush.
75.00	Leave brush.
80.87	Point for cor. of secs. 25, 26, 35 and 36 falls in bed of Gila River, where it is an impossibility to establish the cor.
	Land, level.
	Soil, sandy; 4th. rate.
	No timber.
	Undergrowth, arrow brush.
	May 30; At this cor. I set off 21° 41 1/2' N. on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 23 1/2' N.

	From the standard cor. of secs. 35 and 36, previously described I run
	North on a sectional guide meridian; bet. secs. 35 and 36.
	Over level land.
1.30	Cross road bears N. E. and S. W.
1:40	Through dense mesquite brush.
	Point for $\frac{1}{4}$ sec. cor. will fall in bed of Gila River so at
31.49	Set a granite stone 20 x 6 x 5 ins. 18 ins. in the ground for ^{witness} $\frac{1}{4}$ sec. cor. marked WC06 $\frac{1}{4}$ on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base; 1 1/2 ft. high, W. of cor.
31.75	Bluff 5 ft. high, the left bank of the Gila River, leave brush, and over sandy, dry bed of Gila River.
41.08	Point for $\frac{1}{4}$ sec. cor. falls in river bed.
55.32	S. edge of water in bed of river, 18 ins. deep, course W.
56.90	N. edge of water.
81.08	The point for cor. of secs. 25, 26, 35 and 36.
	Land, level.
	Soil, adobe and sandy; 1st. and 4th. rate.
	No timber.
	Undergrowth, mesquite.
	Land covered with dense undergrowth, 30.35 chs.

	West on a sectional correction line bet. secs. 26 and 35.
	From true point for cor.
	Over sandy, dry bed of Gila River.
46.00	Point for $\frac{1}{4}$ sec. cor. falls in bed of river, where cor. cannot be established.
53.50	Right bank of Gila River, bears N. E. and S. W. and through dense arrow brush.
54.67	Set a granite stone 18 x 6 x 5 ins. 2 ins. in the ground for witness $\frac{1}{4}$ sec. cor., marked WC06 $\frac{1}{4}$ on N. face; from which
	A cottonwood 30 ins. diam., bears N. 77° W. 24 lks. dist., marked WC06 $\frac{1}{4}$ S26BT.
	No other trees available. Dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
55.00	Leave arrow and through dense alkali brush.

Subdivision of Tp. 1 N. Rg 2 W.

Chains
61.70 Left bank of slough, no water, course S. W.
65.00 Right bank of slough.
65.50 Cross road bears N. E. and S. W.
68.20 Cross old road bears N. E. and S. W.
69.15 Left bank of canal, 2 ft. deep, course S.
69.35 Right bank of canal.
76.71 N. W. cor. of apiary bears S. 25° W. Schrom and Wilcox.
79.70 Cross road bears N. and S.
80.00 Set a granite stone 20 x 6 x 5 ins. 15 ins. in the ground for cor. of secs. 26, 27, 34 and 35, marked 06 on N. E. face; with 1 notch on S. and 2 notches on E. edges; from which

- A mesquite 8 ins. diam., bears N. 14 1/2° E. 255 lks. dist., marked 06T1NR2WS26BT.
- A mesquite 4 ins. diam., bears S. 77° W. 168 lks. dist., marked 06T1NR2WS34BT.
- A mesquite 8 ins. diam., bears N. 0° 11' W. 247 lks. dist., marked 06T1NR2WS27BT.

No other tree available. Dig pit 18 x 18 x 12 ins. S. E. of cor. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
From this cor. the N. W. cor. of apiary noted above bears S. 50° E.
Land, level.
Soil, adobe and sandy; 1st. and 4th. rate.
No timber, excepting a very few cottonwoods along bank of river.
Undergrowth, arrow and alkali brush.
Land covered with dense undergrowth 26.50 chs.

May 30, 1907.

May 31; At 7h. 00m. a.m., l.m.t., I set off 33° 23 1/2' N. on the lat. arc; 21° 49' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 26, 27, 34 and 35.
Thence I run
West on a sectional correction line bet. secs. 27 and 34. Over level land, through dense alkali and sage brush and scattering mesquite.

0.75 Cross road bears N. W. and S. E.
12.20 Cross road bears N. W. and S. E.
18.00 Cross irrigating ditch 8 lks. wide course S.
52.05 Cross irrigating ditch 5 lks. wide course S. W.
33.30 Leave alkali and sage and through dense arrow brush.
36.90 Cross ditch, 3 lks. wide course S. W., leave arrow and through dense salt, sage, alkali and buck brush.
40.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

72.40 Cross road bears N. E. and S. W.
77.75 Cross road bears N. and S.
78.20 Cross fence bears N. and S.
78.30 Cross ditch 3 lks. wide course S.
78.50 Cross fence bears N. and S.
78.60 Cross fence bears N. and S., and over cultivated land.
80.00 Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked 06 on N. E. face; with 3 notches on E. and 1 notch on S. edges; from which;

- A willow 4 ins. diam., bears N. 76° E. 167 lks. dist., marked 06T1NR2WS27BT.
- A willow 4 ins. diam., bears S. 68° E. 175 lks. dist., marked 06T1NR2WS34BT.

No other trees available. Dig pits 18 x 18 x 12 ins. N. W. and S. W. of stone; 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 1 1/2 ft. high, W. of cor.
Land, level.
Soil, adobe; 1st. rate.
No timber.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.	Undergrowth, alkali, sage, salt, buck, arrow and mesquite brush. Land covered with dense undergrowth, 80.00 chs.

	West on sectional correction line bet. secs. 28 and 33. Over level land, through salt brush.
3.00	Cross fence bears N. 89° W. and S. 89° E, and along in lane.
10.00	Enter road bears S. 85° E.
12.80	Leave road bears S. 85° W.
18.50	Cross wash 20 lks. wide course N. W.
27.60	Cross wash 20 lks. wide course N.
30.50	Cross road bears S. 85° E. and N. 85° W.
37.65	Cor. of fence 26 lks. S. from which cor. one fence runs E., and the other S.
37.92	Cor. of fence 74 lks. N. from which cor. one fence runs E. and the other N., Leave lane.
38.35	Cross road bears N. and S.
40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, N. of cor.
42.21	A point whence T. Burrough's house, abandoned, bears N. 42° 25' E. 18.56 chs. dist.
73.75	Cross wash 30 lks. wide course S.
76.60	Cross road bears N. and S. Leave brush.
76.80	As point for cor. of secs. 28, 29, 32 and 33 will fall in cultivated field on bank of irrigating ditch where if established it will probably be destroyed, at
76.80	Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for witness cor. of secs. 28, 29, 32 and 33, marked WC06 on N. E. face; with 1 notch on S. and 4 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
77.14	Cross ditch 5 lks. wide course S.
77.25	Cross telephone line bears N. and S.
77.40	Cross road bears N. and S.
77.93	Cross fence bears N. and S.
78.00	Over cultivated land, on N. bank of ditch.
80.00	Point for cor. of secs. 28, 29, 32 and 33. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, salt brush. Land covered with dense undergrowth. 76.60 chains. May 31; At this cor. I set off 21° 50 1/2' N. on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat; is 33° 23 1/2' N. ✓

	West on a sectional correction line bet. secs. 29 and 32. From true point for cor.
	Over level, cultivated land on N. bank of irrigating ditch, Course E.
6.40	Cross fence bears N. and S.
12.65	Cross fence bears N. and S. and along in ditch.
13.19	A point whence E. Schrom's house bears N. 11° 18' W. 5.80 chs. dist.
14.20	Leave ditch, bears N.
17.62	Cross fence bears N. and S.
17.75	Cross irrigating ditch, course S. and over desert land through salt and mesquite brush.
21.20	Cross wash 10 lks. wide course S.
25.87	A point whence J. R. Norton's house bears N. 67° W.
35.90	Cross road bears N. and S.
36.20	Cross ditch 6 lks. wide course S.
37.43	S. side of water tank 60 lks. N. and a point whence J. R. Norton's house bears N.
37.50	Cross corral fence bears N. E. and S. W.

Subdivision of TP. 1 N. Rg. 2 W.

Chains.	
39.47	Cross corral fence bears N. and S.
40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 06 on N. face; from which A mesquite 8 ins. diam., bears N. $4\frac{1}{4}^{\circ}$ E. 629 lks. dist., marked 06 $\frac{1}{4}$ S29BT. A mesquite 6 ins. diam., bears S. 65° E. 66 lks. dist., marked 06 $\frac{1}{4}$ S32BT. Thence over cultivated land.
48.60	Cross ditch 5 lks. wide course S. W.
52.35	Cross fence bears N. and S.
61.40	Cross fence bears N. and S.
76.50	Cross ditch 5 lks. wide course S.
77.35	Cross fence bears N. and S.
80.00	Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked 06 on N. E. face; with 1 notch on S. and 5 notches on E. edges; from which A mesquite 6 ins. diam., bears N. $68^{\circ} 56'$ E. 345 lks. dist., marked 06T1NR2WS29BT. A mesquite 4 ins. diam., bears S. $74^{\circ} 17'$ E. 306 lks. dist., marked 06T1NR2WS32BT. No other trees available. Dig pits 18 x 18 x 12 ins. N. W. and S. W. of stone $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. Land, level. Soil, adobe; 1st. rate. Timber, a very few scattering cottonwoods. Undergrowth, salt and mesquite brush. Land covered with dense undergrowth 22.25 chs. From this cor. M. Murphy's house bears N. $30^{\circ} 50'$ W.
	West on sectional correction line bet. secs. 30 and 31. Over level, cultivated land.
1.60	Cross fence bears N. 89° E. and S. 89° W.
4.80	Cross fence bears N. and S.
12.00	Cross fence bears N. 89° W. and S. 89° E.
12.47	Cross ditch 5 lks. wide course S. 89° E.
12.54	A point whence M. Murphy's house bears N. $6^{\circ} 00'$ E.
17.40	Cross fence bears N. and S.
19.10	Cross ditch bears N. and S.
28.35	Cross ditch bears N. and S., 5 lks. wide.
28.55	Cross ditch course S. 5 lks. wide
28.95	Cross fence bears N. and S.
36.82	Cross ditch 5 lks. wide course S.
36.90	Cross fence bears N. and S.
37.03	Cross ditch 5 lks. wide course S.
37.40	Intersect W. bdy. of Tp. 17 lks. S. of the cor. of secs. 25, 30, 31 and 36, and as this line intersects its objective limiting line in such proximity to its objective cor. that the accessories of the two cors. would interfere, therefore I do not set a closing cor. on this line but change the alignment of that portion of the correctional line bet. the last established sec. cor. and the limiting line, thence to the cor. of secs. 25, 30, 31 and 36. Therefore the course of the line bet. secs. 30 and 31 is N. $89^{\circ} 44'$ W. and the distance 37.40 chs. Land, level. Soil, adobe; 1st. rate. Timber, a few cottonwoods.
	May 31, 1907.
	June 1: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 23\frac{1}{2}'$ N on the lat. arc; $21^{\circ} 58'$ N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 26, 27, 34 and 35. Thence I run South on a random line bet. secs. 34 and 35.

Subdivision of Tp. 1N. Rg. 2 W.

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.84	Intersect Base Line 4 lks. ^{true point for} W. of the standard cor. of secs. 34 and 35.
	Thence I run
	N. $0^{\circ} 02'$ W. on a true line bet. secs. 34 and 35.
	From true point for new standard cor.
	Over sandy, dry bed of Gila River.
32.70	S. edge of water, 2 ft. deep, course W.
34.85	N. edge of water.
40.84	Point for $\frac{1}{4}$ sec. cor. falls in river bed.
44.80	Right bank of Gila river, 4 ft. high, and over level. land through dense arrow brush.
44.97	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for witness $\frac{1}{4}$ sec. cor., marked WC $\frac{1}{4}$ 06 on W. face; from which
	A cottonwood 12 ins. diam., bears East 11 lks. dist., marked WC06 $\frac{1}{4}$ S35BT ✓
	A cottonwood 8 ins. diam., bears N. 85° W. 80 lks. dist., marked WC06 $\frac{1}{4}$ S34BT. ✓
47.07	S. bank of slough, dry, course S. W.
48.24	N. bank of slough.
61.25	S. bank of slough, dry, course S. W.
61.70	N. bank of slough.
66.80	Leave arrow brush, and through salt and scattering mesquite brush.
68.70	Cross road bears N. E. and S. W.
69.68	S. bank of canal 3 ft. deep, course S. W.
69.89	N. bank of canal.
80.84	The cor. of secs. 26, 27, 34 and 35.
	Land, level.
	Soil, sandy and adobe; 1st. and 4th. rate.
	Timber, a very few cottonwoods.
	Undergrowth, arrow, salt and mesquite brush.
	Land covered with dense undergrowth 36.04 chs.
	At this cor. I set off $21^{\circ} 59'$ N. on the dec'l. arc; and observe the sun on the meridian at noon June 1; the resulting lat. is $33^{\circ} 23 \frac{1}{2}'$ N. ✓
	<hr/>
	From the cor. of secs. 27, 28, 33 and 34, I run
	South on a random line bet. secs. 33 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.64	Intersect Base Line 1 lk. W. of the new standard cor. of secs. 33 and 34.
	Thence I run
	North bet. secs. 33 and 34.
0.12	Cross road bears E. and W.
0.37	Cross telephone line bears E. and W.
0.50	Cross fence bears E. and W. and over cultivated land.
15.44	Cross ditch 10 lks. wide course W.
19.74	Cross ditch 3 lks. wide course W.
19.84	Cross fence bears E. and W.
24.60	Cross fence bears E. and W.
25.18	Cross fence bears E. and W.
26.00	S. side H. A. Hammel's house.
26.21	N. side H. A. Hammel's house.
26.74	Cross fence bears E. and W.
27.60	Cross fence bears E. and W.
27.67	Cross ditch 4 lks. wide course W.
27.71	Cross fence bears E. and W.
30.30	Cross fence bears E. and W.
30.44	Cross ditch 5 lks. wide course W.
39.69	Cross ditch 5 lks. wide course W.
39.77	Cross fence bears E. and W.
40.64	Set a granite stone 18 x 7 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; from which
	A mesquite 20 ins. diam., bears S. $82 \frac{3}{4}^{\circ}$ W. 570 lks. dist., marked 06 $\frac{1}{4}$ S33BT. ✓
	A cottonwood 8 ins. diam., bears S. 75° E. 283 lks. dist., marked 06 $\frac{1}{4}$ S34BT. ✓

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.	
	From the cor. the N. W. cor. of a Mexican hut bears S. 30° E. 132 lks. dist.
49.04	A line of fence posts no wire bears E. and W.
55.39	Cross fence bears E. and W.
59.79	Cross ditch 5 lks. wide course W.
59.84	Cross fence bears E. and W.
61.02	A point whence C. B. Williams house bears S. 84° E. 69 lks. dist.
	C. C. Collins house bears N. 24° E.
	Old store, vacant, bears N. 30° E.
63.69	Cross fence bears E. and W.
70.69	A point whence C. C. Collins house bears S. 40 1/2° E.
	Old store bears S. 66° E.
71.18	Cross ditch 4 lks. wide course W.
71.29	Cross fence bears E. and W.
79.54	Cross fence bears E. and W. and leave cultivated land.
80.49	Cross road bears E. and W.
80.54	Cross fence bears E. and W.
80.64	The cor. of secs. 27, 28, 33 and 34.
	Land, level.
	Soil, adobe; 1st. rate.
	Timber. a few cottonwoods.
	June 1, 1907
	June 2; At 6h. 00m. a.m., l.m.t. I set off 33° 23 1/2' N. on the lat. arc; 22° 07' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33.
	Thence I run, from true point for cor.
	South on a random line bet. secs. 32 and 33
40.00	Set temp. 1/4 sec. cor.
79.92	Intersect Base Line, 2 lks. E. of the new standard cor. of secs. 32 and 33.
	Thence I run
	N. 0° 01' E. on a true line bet. secs. 32 and 33.
	Over level land.
0.10	Cross road bears E. and W.
0.52	Cross fence bears E. and W. and over cultivated land.
5.89	Cross fence bears E. and W.
11.11	Cross fence bears E. and W.
11.21	Cross ditch 8 lks. wide course S. W. a row of cottenwood trees on S. E. bank of ditch.
11.28	Cross fence bears E. and W.
20.35	Cross ditch 4 lks. wide course W.
20.40	Cross fence bears E. and W.
26.27	Cross fence bears E. and W.
29.55	Cross fence bears E. and W.
31.02	Cross fence bears E. and W.
31.36	Center of well.
32.06	A point whence G. Harer's house bears S. 54° E. 54 lks.
50.00	Set a granite stone 20 x 8 x 8 ins. 15' ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; from which A cottonwood 6 ins. diam., bears S. 71 1/2° E. 187 lks. dist., marked 06 1/4 S33BT.
	No other tree available: Dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.
40.93	Cross fence bears E. and W.
53.95	Cross fence bears E. and W.
63.17	Cross fence bears E. and W.
64.35	A point whence D. W. Marasan house bears S. 54° 47' W. 94 lks. dist.
	S. E. cor. of windmill tower bears S. 78° 20' W. 196 lks. dist.
	S. E. cor. of shed bears S. 81° 40' W. 116 lks. dist.
65.08	Cross fence bears E. and W.
71.09	Cross ditch bears E. course W.
79.85	Cross ditch 5 lks. wide course E.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains

79.92 The point for cor. of secs. 28, 29, 32 and 33.
Land, level.
Soil, adobe; 1st. rate.
Timber, a few cottonwoods.
June 2; At this cor. I set off $22^{\circ} 07' N.$ on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat; is $33^{\circ} 23 \frac{1}{2}' N.$

From the cor. of secs. 29, 30, 31 and 32 I run South on a random line bet. secs. 31 and 32.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.90 Intersect Base Line 5 lks. W. of the new standard cor. of secs. 31 and 32.
Thence I run
N. $0^{\circ} 02' W.$ on a true line bet. secs. 31 and 32.
0.27 Cross telephone line bears E. and W.
0.43 Cross fence bears E. and W. and through dense salt and alkali brush over level land.
8.12 Cross row of fence posts, no wire bears E. and W.
19.50 Cross fence bears E. and W.
24.60 Cross ditch 5 lks. wide course W., leave brush and over cultivated land.
39.85 Cross fence bears E. and W.
39.90 Point for $\frac{1}{4}$ sec. cor. falls in ditch 8 lks. wide course W. so at
40.07 Set a granite stone 20 x 10 x 6 ins. 15 ins. in the ground for witness $\frac{1}{4}$ sec. cor., marked WC $\frac{1}{4}$ 06 on W. face; from which
A mesquite 5 ins. diam., bears S. $54^{\circ} 10' E.$
150 lks. dist., marked WC06 $\frac{1}{4}$ S32BT.
A mesquite 4 ins. diam., bears S. $78^{\circ} 30' W.$
164 lks. dist., marked WC06 $\frac{1}{4}$ S31BT.
49.90 Cross ditch 5 lks. wide course W.
49.93 Cross fence bears E. and W.
59.96 Cross ditch 5 lks. wide course W.
60.01 Cross fence bears E. and W.
70.08 Cross ditch 5 lks. wide course W.
70.23 Cross fence bears E. and W.
79.85 Cross ditch 5 lks. wide course E.
79.90 The cor. of secs. 29, 30, 31 and 32.
Land level.
Soil, adobe; 1st. rate.
No timber.
Undergrowth, salt and alkali brush.
Land covered with dense brush 24.17 chs.

June 2, 1907.

June 3; At 7h. 00m. a.m., l.m.t. I set off $33^{\circ} 23 \frac{1}{2}' N.$ on the lat. arc; $22^{\circ} 14' N.$ on the dec'l. arc; and determine a meridian with the solar at the cor. pt. for secs. 25, 26, 35 and 36, previously described.
Thence I run, from true point for cor. North on sectional guide meridian, bet. secs. 25 and 26.
Over sandy, dry river bed.
1.80 Through dense water brush.
9.00 Leave brush.
18.00 Right bank of Gila River and through dense arrow brush.
19.17 Set a granite stone 24 x 5 x 5 ins. 18 ins. in the ground for witness cor of secs. 25, 26, 35 and 36, marked 06WC on N. E. face; with 1 notch on S. and E. edges; from which
A paloverde 8 ins. diam., bears N. $50 \frac{3}{4}^{\circ} E.$
254 lks. dist., marked WC06T1NR2WS25BT.
A paloverde 4 ins. diam., bears S. $6 \frac{1}{4}^{\circ} E.$ 109 lks. dist., marked WC06T1NR2WS25BT.
A cottonwood 16 ins. diam., bears S. $89 \frac{1}{2}^{\circ} W.$ 56 lks. dist., marked WC06T1NR2WS25BT.
A cottonwood 16 ins. diam., bears N. $82^{\circ} W.$

Subdivision of Tp. 1 N. Rg. 2 W.

Chains	
	59 lks. dist., marked WC06T1NR2WS26BT. ✓
41.48	S. bank of slough, dry, course W.
41.90	N. bank of slough.
43.15	Bank 4 ft. high leave arrow brush and through alkali sage, salt and buck brush.
44.00	Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for witness at sec. cor. marked WC $\frac{1}{4}$ 06 on W. face; from which A mesquite 10 ins. diam., bears N. $62 \frac{3}{4}^{\circ}$ E. 235 lks. dist., marked WC06 $\frac{1}{4}$ S25BT. ✓ A willow 10 ins. diam., bears S. 14° W. 52 lks. dist., marked WC06 $\frac{1}{4}$ S26BT. ✓
46.35	Cross road bears E. and W.
48.70	Left bank of Buckeye canal, 4 ft. deep, course W.
49.20	Right bank of Buckeye canal, and telephone line bears E. and W.
54.78	Cross road bears N. W. and S. E.
55.10	Cross road bears N. W. and S. E.
55.50	Cross telephone line bears E. and W.
55.56	N. W. cor. of ruined adobe house bears S. 76° E. 390 lks.
62.35	Enter wash 60 lks. wide course S. W. and cross and re-cross same to
76.00	Leave wash bears N. E.
80.00	Set a granite stone 18 x 10 x 5 ins. 12 ins in the ground for cor. of secs. 23, 24, 25 and 26, marked 06 on N. E. face; with 2 notches on S. and 1 notch on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, sandy and adobe; 1st. and 4th. rate. Timber, a few cottonwoods. Undergrowth, arrow, water, alkali, sage, salt and buck brush. Land covered with dense undergrowth, 69.20 chs. June 3; At this cor. I set off $22^{\circ} 15'$ N. on the dec'l. arc; and observe the sun on the meridian at noon, the resulting lat. is $35^{\circ} 24 \frac{1}{2}'$ N. ✓
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	North on sectional guide meridian bet. secs. 23 and 24. Over level land through dense sage brush.
4.00	Cross wash 10 lks. wide course S. W.
13.00	Cross wash 70 lks. wide course S. E.
14.00	Through dense mesquite.
18.00	Leave mesquite, and through sage.
33.00	Through mesquite sage and greasewood brush.
40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; from which A mesquite 8 ins. diam., bears S. 62° E. 234 lks. dist., marked 06 $\frac{1}{4}$ S24BT. ✓ A mesquite 10 ins. diam., bears S. $17 \frac{1}{2}^{\circ}$ W. 69 lks. dist., marked 06 $\frac{1}{4}$ S25BT. ✓
80.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked 06 on N. E. face; with 3 notches on S. and 1 notch on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, mesquite, sage and greasewood brush. Land covered with dense undergrowth, 80.00 chs,
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	North on sectional guide meridian bet. secs. 13 and 14. Over level land, through mesquite sage and greasewood brush.
84.05	Cross road bears N. E. and S. W.

Subdivision of Tp. 1 N. Rg. 2 W..

40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
60.50	Cross wash 6 lks. wide course S. E.
76.35	Cross road bears E. to Phoenix and W. to Buckeye.
80.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marke 06 on N. E. face; with 4 notches on S. and 1 notch on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, mesquite, sage and greasewood. Land covered with dense undergrowth, 80.00 chs.
	June 3, 1907.

	June 4; At 7h. 00m. a.m., 1.m.t. I set off 33° 26' N. on the lat. arc; 22° 21 1/2' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14 Thence I run North on sectional guide meridian bet. secs. 11 and 12. Over level land, through greasewood and scattering mesquite.
40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.
56.25	Cross wash 6 lks. wide course S. E.
61.50	Cross wash 10 lks. wide course S. E. and cross and re-cross same to
69.00	Leave wash bears N. E.
75.40	Cross wash 6 lks. wide course S. E. and cross and re-cross same to
79.25	Leave wash bears N. E.
80.00	Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked 06 on N. E. face; with 5 notches on S. and 1 notch on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth greasewood and mesquite. Land covered with dense undergrowth, 80.00 chs.

	North on sectional guide meridian bet. secs. 1 and 2. Over level land, through greasewood brush
3.20	Cross wash 6 lks. wide course S.W
5.30	Cross dim road bears N. W. and S. E.
21.00	Cross wash 6 lks. wide course S. E.
40.00	Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
76.25	Cross wash 5 lks. wide course S. E.
79.50	Intersect N. bdy. of Tp. at the cor. of secs. 1, 2, 35 and 36. Land, level. Soil, adobe; 1st. rate. No timber.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.	
	Undergrowth, greasewood. June 4: At this cor. I set off $22^{\circ} 22' 1/2''$ N. on the dec'l. arc; and observe the sun on the meridian at noon the resulting lat, is $33^{\circ} 28' N.$
	From the cor. of secs. 23, 24, 25 and 26 I run East on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.61	Intersect E. bdy. of Tp. 5 lks. S. of the cor. of secs. 24 and 25. Thence I run S. $89^{\circ} 58' W.$ on a true line bet. secs. 24 and 25. Over level land through sage and scattering mesquite brush.
1.60	Cross dip road bears N. W. and S. E.
4.60	Cross wash 4 lks. wide course S.
6.60	Cross road bears N. E. and S. W.
32.30	Cross wash 30 lks. wide course S.
40.61	Set a granite stone 18 x 8 x 6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
67.20	Cross wash 20 lks. wide course S.
77.30	Cross wash 50 lks. wide course S.
80.61	The cor. of secs. 23, 24, 25 and 26. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, sage and mesquite.
	June 4, 1907.
	June 5; At 6h. 00m. a.m., 1.m.t., I set off $33^{\circ} 25' N.$ on the lat. arc; $22^{\circ} 29' 1/2'' N.$ on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24. Thence I run N. $89^{\circ} 58' E.$ on a random line bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.24	Intersect E. bdy. of Tp. 1 lk. S. of the cor. of secs. 13 and 24. Thence I run S. $89^{\circ} 58' W.$ on a true line bet. secs. 13 and 24. Over level land, through greasewood and scattering mesquite brush.
18.00	Cross wash 30 lks. wide course S.
12.00	Cross wash 10 lks. wide course S.
40.24	Set a granite stone 18 x 8 x 4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on N. face; from which A mesquite 6 ins. diam., bears S. $30\frac{3}{4}^{\circ} E.$ 81 lks. dist., marked 06 $\frac{1}{4}$ S24BT. A mesquite 12 ins. diam., bears N. $33\frac{3}{4}^{\circ} E.$ 400 lks. dist., marked 06 $\frac{1}{4}$ S13BT.
78.45	Cross wash 6 lks. wide course S.
80.24	The cor. of secs. 13, 14, 23 and 24. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth greasewood and mesquite. Land covered with dense undergrowth 80.24 chs.
	From the cor. of secs. 11, 12, 13 and 14 I run N. $89^{\circ} 58' E.$ on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect E. bdy. of Tp. 3 lks. S. of the cor. of secs. 12 and 13. Thence I run

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Subdivision of Tp. 1 N. Rg. 2 W.

Chains.

S. 89° 57' W. on a true line bet. secs. 12 and 13
 Over level land, through sage greasewood and mesquite
 brush.
 40.20 Set a granite stone 18 x 8 x 4 ins. 12 ins. in the ground
 for 1/4 sec. cor., marked 1/4 06 on N. face; from which
 A mesquite 10 ins. diam., bears N. 71° E.
 210 lks. dist., marked 06 1/4 S12BT. ✓
 A mesquite 10 ins. diam., bears S. 14° W. 410 lks.
 dist., marked 06 1/4 S13BT. ✓
 45.20 Cross wash 20 lks. wide course S.
 69.25 Cross wash 6 lks. wide course S.
 80.20 The cor. of secs. 11, 12, 13 and 14.
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, sage, greasewood and mesquite brush.
 June 5: At this cor. I set off 22° 29' N. on the dec'l.
 arc; and observe the sun on the meridian at noon; the
 resulting lat. is 33° 26' N. ✓

From the cor. of secs. 1, 2, 11 and 12 I run
 N. 89° 57' E. on a random line bet. secs. 1 and 12.
 40.00 Set temp. 1/4 sec. cor.
 79.97 Intersect E. bdy. of Tp. at the cor. of secs. 1 and 12.
 Thence I run
 S. 89° 57' W. on a true line bet. secs. 1 and 12.
 Over level land through greasewood brush.
 39.85 Cross dim road bears N. W. and S. E. ✓
 39.97 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the
 ground for 1/4 sec. cor. marked 1/4 06 on N. face; dig pits
 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist.; and
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high
 N. of cor. ✓
 45.37 Cross wash 10 lks. wide course S.
 65.20 Cross dim road bears N. W. and S. E.
 67.50 Cross wash 6 lks. wide course S.
 79.97 The cor. of secs. 1, 2, 11 and 12.
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, greasewood.

June 5, 1907

June 6: at 6h. 00m. a.m., l.m.t., I set off 33° 23 1/2' ✓
 N. on the lat. arc; 22° 36 1/2' N. on the dec'l. arc;
 and determine a meridian with the solar at the cor. of
 secs. 26, 27, 34 and 35.
 Thence I run
 N. 0° 01' W. bet. secs. 26 and 27.
 Over level land, through salt, sage, alkali arrow and
 scattering mesquite brush.
 5.00 Cross road bears S. E. and N. W.
 8.50 Cross road bears S. W. and N. E.
 9.00 Enter road bears S. E. and N.
 9.60 Leave road bears N. E. and S.
 10.68 Cross ditch 5 lks. wide course S. W.
 11.70 Cross road bears E. and W.
 18.90 Cross fence bears E. and W.
 28.50 Cross telephone line bears E. and W.
 28.60 A point 87 lks. E. of an abandoned hut, and through
 dense mesquite brush, leave other brush.
 30.05 S. bank of Buckeye canal 4 ft. deep course W.
 30.30 N. bank of Buckeye canal.
 32.00 A point 98 lks. E. of an abandoned hut.
 40.00 Set a granite stone 18 x 10 x 8 ins. 12 ins. in the ground
 for 1/4 sec. cor., marked 1/4 06 on W. face; from which
 A mesquite 6 ins. diam., bears N. 13 1/2° E.
 35 lks. dist., marked 06 1/4 S26BT. ✓

Subdivision of Tp. 1 N. Rg. 2 W.

chains.	
	A mesquite 4 ins. diam., bears N. 72 1/2° W. 168 lks. dist., marked 06 1/4 S27BT.
40.09	Cross fence bears E. and W.
40.15	Cross road bears E. and W.
43.00	Mesquite becomes scattering and through salt brush.
53.05	Cross road bears E. and W.
56.00	Cross telephone line bears E. and W.
68.35	Cross road bears S. W. and N. E.
80.00	Set a granite stone 24 x 6 x 6 ins. 18 ins. in the ground for cor. of secs. 22, 23, 26 and 27, marked 06 on N. E. face; with 2 notches on S. and E. edges; from which
	A mesquite 8 ins. diam., bears S. 62° W. 37 lks. dist., marked 06 T1NR2WS27BT. ✓
	No other trees available. Dig pits 18 x 18 x 12 ins. N. E., S. E., and N. W. of stone 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level.
	Soil, adobe; 1st. rate.
	No timber.
	Undergrowth, salt, sage, alkali, arrow and mesquite brush.
	Land covered with dense brush 80.00 chs.
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	East on a random line bet. secs. 23 and 26.
40.00	Set temp. 1/4 sec. cor.
80.11	Intersect N. and S. line 1 lk. S. of the cor. of secs. 23, 24, 25 and 26.
	Thence I run
	West on a true line bet. secs. 23 and 26.
	Over level land, through salt and sage brush and scattering mesquite.
1.60	Cross wash 10 lks. wide course S.
5.90	Cross wash 10 lks. wide course S. W.
20.05	Cross road bears N. and S.
20.50	Cross wash 8 lks. wide course S.
40.055	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; from which
	A mesquite 10 ins. diam., bears S. 7° W. 380 lks. dist., marked 06 1/4 S26BT. ✓
	A mesquite 10 ins. diam., bears N. 54° W. 202 lks. dist., marked 06 1/4 S23BT. ✓
62.30	Cross wash 20 lks. wide course S.
67.35	Cross wash 10 lks. wide course S.W.
70.50	Cross road bears N. E. and S. W.
76.45	Cross wash 100 lks. wide course S.
80.11	The cor. of secs. 22, 23, 26 and 27.
	Land, level.
	Soil, adobe; 1st. rate.
	No timber.
	Undergrowth, salt, sage and mesquite brush.
	Land covered with dense undergrowth, 80.11 chs.
	June 6: At this cor. I set off 22° 36' N. on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 24 1/2' N. ✓
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	N. 0° 01' W. bet. secs. 22 and 23.
	Over level land, through alkali and scattering mesquite brush.
4.50	Cross wash 10 lks. wide course S. E.
7.00	Cross wash 15 lks. wide course S. E.
15.00	Mesquite becomes dense.
34.00	Mesquite becomes scattering.
35.20	Cross wash 6 lks. wide course S. E. and through sage greasewood and scattering mesquite brush.
40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; from which

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Subdivision of Td. 1 N. Rg. 2 W.

Chains.

A mesquite 6 ins. diam., bears S. 11 1/2° W. 205 lks. dist., marked 06 1/2 S22BT. ✓
 No other tree available. Dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.
 Cross wash 10 lks. wide course S. E.
 Leave sage brush.
 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for cor. of secs. 14, 15, 22 and 23, marked 06 on N. E. face; with 3 notches on S. and 2 notches on E. edges; from which
 A mesquite 4 ins. diam., bears N. 59 1/4° E. 60 lks. dist., marked 06 T1NR2WS14BT. ✓
 A mesquite 6 ins. diam., bears S. 68 3/4° E. 62 lks. dist., marked 06 T1NR2WS23BT. ✓
 A mesquite 6 ins. diam., bears S. 39° W. 77 lks. dist., marked 06 T1NR2WS22BT. ✓
 No other tree available. Dig pit 18 x 18 x 12 ins. N. W. of stone, 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, alkali, sage and mesquite brush.
 Land covered with dense undergrowth, 80.00 chs.

June 6, 1907.

June 7: At 7h. 00m a.m., l.m.t., I set off 33° 25' N. on the lat. arc; 22° 42' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 14, 15, 22 and 23.
 Thence I run
 East on a random line bet. secs. 14 and 23.
 Set temp. 1/4 sec. cor.
 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 13, 14, 23 and 24.
 Thence I run
 S. 89° 56' W. on a true line bet. secs. 14 and 23.
 Over level land, through greasewood brush.
 Cross wagon road bears N. E. and S. W.
 Cross washed out road bears S. E. and N. W.
 Cross wash 6 lks. wide course S.
 Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
 Cross wash 6 lks. wide course S.
 Cross wash 10 lks. wide course S.
 Cross road bears S. W. and N. E.
 The cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense greasewood 80.06 chs.

N. 0° 01' W. bet. secs. 14 and 15.
 Over level land, through greasewood and scattering mesquite brush.
 Cross wash 8 lks. wide course S. W. and cross and recross to
 Leave wash bears N. E.
 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; and dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

56.00
62.00
80.00

40.00
80.06

17.45
17.75
20.45
40.08

56.00
57.05
78.90
80.06

1.50
5.80
40.00

Subdivision of Tp. 1N. Rg. 2 W.

Chains	
61.00	Cross road bears E. to Phoenix and W. to Buckeye.
72.80	Cross wash 6 lks. wide course S. E.
74.20	Cross wash 6 lks. wide course S. E.
80.00	Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked 06 on N. E. face; with 4 notches on S. and 2 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. From this cor. the old cor., which I destroy bears N. 81° 28' E. 3.06 chs. dist. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood and mesquite. Land covered with dense undergrowth, 80.00 chs. June 7: At this cor. I set off 22° 42' N. on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 26' N. ✓

	N. 89° 56' E. on a random line bet. secs. 11 and 14.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line 7 lks. N. of the cor. of secs. 11, 12, 13 and 14. Thence I run S. 89° 59' W. on a true line bet. secs. 11 and 14. Over level land, through greasewood and scattering mesquite brush
2.00	Cross wash 10 lks. wide course S.
4.65	Cross old road bears N. W. and S. E.
26.30	Cross wash 20 lks. wide course S.
34.00	Cross wash 6 lks. wide course S.
39.00	Cross wash 5 lks. wide course S.
40.01	Set a granite stone 20 x 6 x 5 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, N. of cor.
57.00	Cross wash 5 lks. wide course S.
76.10	Cross road bears N. W. and S. E.
80.02	The cor. of secs. 10, 11, 14 and 15. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood and scattering mesquite. Land covered with dense undergrowth 80.02 chs.
	June 7, 1907

	June 8: At 7h. 00m. a.m., 1.m.t., I set off 23° 26' N. on the lat. arc; 22° 48' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 10, 11, 14 and 15. Thence I run N. 0° 01' W. bet. secs. 10 and 11. Over level land, through greasewood brush.
7.77	Cross old road bears N. W. and S. E.
35.90	Cross wash 6 lks. wide course S. W.
40.00	Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.
48.30	Cross wash 6 lks. wide course S. W.
72.70	Cross wash 6 lks. wide course S. W.
80.00	Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked 06 on N. E. face; with 5 notches on S. and 2 notches on E. edges; from which An ironwood 36 ins. diam., bears N. 49 3/4° W. 368 lks. dist., marked 06T1NR2WS3BT ✓

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.	
	<p>No other trees available. Dig pits 18 x 18 x 12 ins. N. E., S. E., and S. W. of stone 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood. Land covered with dense undergrowth 80.00 chs.</p>
40.00	N. 89° 59' E. on a random line bet. secs. 2 and 11
80.02	Set temp. 1/4 sec. cor. Intersect N. and S. line 2 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence I run West on a true line bet. secs. 2 and 11 Over level land through greasewood brush
4.40	Cross wash 10 lks. wide course S.
11.60	Cross wash 10 lks. wide course S.
30.60	Cross old road bears N. W. and S. E.
37.50	Cross wash 6 lks. wide course S.
40.01	Set a malpais stone 14 x 14 x 6 ins. 10 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
46.60	Cross wash 6 lks. wide course S. E.
80.02	The cor. of secs. 2, 3, 10 and 11. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood. Land covered with dense undergrowth 80.02 chs. June 8; At this cor. I set off 22° 48' N. on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 27' N.
40.00	N. 0° 01' W. on a random line bet. secs. 2 and 3.
79.67	Set temp. 1/4 sec. cor. Intersect N. bdy. of Tp. 5 lks. W. of the cor. of secs. 2, 3, 34 and 35 Thence I run. S. 0° 01' W. on a true line bet. secs. 2 and 3. Over level land, through greasewood brush.
39.67	Set a granite stone 18 x 8 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 06 on W. face; from which A mesquite 8 ins. diam., bears N. 33° E. 145 lks. dist., marked 1/4 06S2BT ✓ A mesquite 5 ins. diam., bears N. 13° W. 143 lks. dist., marked 1/4 06S3BT ✓
79.67	The cor. of secs. 2, 3, 10 and 11. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood and mesquite. Land covered with dense undergrowth 79.67 chs.
	June 8, 1907.
19.23	<p>June 9; At 7h. 00m. a.m., 1.m.t., I set off 33° 23-1/2' N. on the lat., arc; 22° 53' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 27, 28, 33 and 34. Thence I run N. 0° 01' W. bet. secs. 27 and 28. Over level land, through salt and alkali brush.</p>

Subdivision of Tp. 1 N. Rg. 2 W.

chains.	
19.30	Cross fence bears E. and W. and over cultivated land.
24.05	Cross ditch 6 lks. wide course W.
24.14	Cross fence bears E. and W.
29.42	Cross fence bears E. and W.
29.60	Cross telephone line bears E. and W.
29.95	Cross road bears E. and W.
30.05	S. bank of Buckeye canal, 4 ft. deep, course W.
30.34	N. bank of Buckeye canal, and through dense mesquite and arrow brush.
35.00	Leave arrow brush, mesquite becomes scattering, and through sage and alkali brush.
40.00	Set a granite stone 20 x 6 x 6 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; from which A mesquite 10 ins. diam., bears N. 20 $\frac{3}{4}$ ° E. 194 lks. dist., marked 06 $\frac{1}{4}$ S27BT. ✓ A mesquite 10 ins. diam., bears N. 54° W. 164 lks. dist., marked 06 $\frac{1}{4}$ S28BT. ✓
48.55	Washed out road bears E. and W.
48.75	Cross telephone line bears E. and W.
52.00	Cross road bears E. and W.
63.00	Through dense mesquite brush.
80.00	Set a granite stone 20 x 10 x 8 ins. 15 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked 06 on N. E. face; with 2 notches on S. and 3 notches on E. edges; from which A mesquite 4 ins. diam., bears S. 20° E. 29 40 lks. dist., marked 06 T1NR2WS27BT. A mesquite 4 ins. diam., bears S. 4 $\frac{1}{4}$ ° W. 29 40 lks. dist., marked 06 T1NR2WS28BT. ✓ No other trees available. Dig pits 18 x 18 x 12 ins. N. E. and N. W. of stone 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, mesquite, arrow, sage and alkali brush. Land covered with dense undergrowth 68.96 chs.
X	
40.00	East on a random line bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor.
79.99	Enter section 75 line. 1 lk. N. of the cor. of secs. 22, 23, 26 and 27. Thence I run. West on a true line bet. secs 22 and 27. Over level land, through alkali and scattering mesquite brush.
3.45	Cross wash 25 lks. wide course S.
15.00	Leave alkali and through sage brush
16.10	Cross wash 20 lks. wide course S.
34.80	Cross wash 30 lks. wide course S. ✓
39.99	Set a granite stone 18 x 10 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on N. face; from which A mesquite 5 ins. diam., bears N. 24° W. 253 lks. dist., marked 06 $\frac{1}{4}$ S22BT. ✓ No other tree available. Dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.
69.25	Cross wash 50 lks. wide course S.
74.40	Cross road bears N. and S.
79.99	The cor. of secs. 21, 22, 27 and 28. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, mesquite, sage and alkali brush. Land covered with dense undergrowth 79.99 chs. ✓
June 9	At this cor. I set off 22° 53 1/2' N. on the decl. arc; and observe the sun on the meridian at noon; the

Subdivision of Tp. 1 N. Rg. 2 W.

Chains

resulting lat. is $33^{\circ} 24' 1/2''$ N. ✓N. $0^{\circ} 01'$ W. bet. secs. 21 and 22.

Over level land, through dense mesquite and greasewood brush.

9.00

Mesquite becomes scattering.

40.00

Set a malpais stone $18 \times 7 \times 5$ ins. 12 ins. in the ground for $1/4$ sec. cor., marked $1/4$ 06 on W. face; from whichA mesquite 4 ins. diam., bears N. 19° E. 90 lks. dist., marked 06 $1/4$ S22BT ✓A mesquite 10 ins. diam., bears S. 55° W. 124 lks. dist., marked 06 $1/4$ S21BT ✓

70.00

Cross wash 20 lks. wide course S. E. and cross and re-cross same to

78.00

Leave wash bears N. W.

80.00

Set a granite stone $24 \times 10 \times 10$ ins. 18 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked 061M on N. E. and 2W on S. E. faces; with 3 notches on S. and E. edges; from whichA catclaw 4 ins. diam., bears N. $77\frac{1}{4}^{\circ}$ E. 291 lks. dist., marked 06T1NR2WS15BT ✓A mesquite 4 ins. diam., bears S. $49' 1/2^{\circ}$ E. 24 lks. dist., marked 06T1NR2WS22BT ✓A mesquite 4 ins. diam., bears S. $17' 1/2^{\circ}$ W. 194 lks. dist., marked 06T1NR2WS21BT ✓No other tree available. As all these bearings are very small and a scant 4 ins. diam., although the only trees available, therefore although I take these bearings I establish this cor. in all respects as though no bearings were taken. Dig pits $18 \times 18 \times 12$ ins. in each sec. $5' 1/2$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.From this cor. the old cor. bears N. $76^{\circ} 26'$ E. 288 lks. dist. I destroy thos old cor.

Land, level.

Soil, adobe; 1st. rate.

No timber.

Undergrowth, mesquite and greasewood.

Land covered with dense undergrowth, 80.00 chs.

East on a random line bet. secs. 15 and 22.

40.00

Set temp. $1/4$ sec. cor.

79.96

Intersect N. and S. line 6 lks. N. of the cor. of secs 14, 15, 22 and 23

Thence I run

N. $89^{\circ} 57' 1/2''$ W. on a true line bet. secs. 15 and 22.

Over level land, through greasewood and mesquite brush.

3.00

Cross wash 10 lks. wide course S.

4.50

Cross wash 10 lks. wide course S.

34.70

Cross wash 6 lks. wide course S.

39.98

Set a granite stone $18 \times 6 \times 5$ ins. 12 ins. in the ground for $1/4$ sec. cor., marked $1/4$ 06 on N. face; dig pits $18 \times 18 \times 12$ ins. E. and W. of stone 3 ft. dist., and raise a mound of earth $3' 1/2$ ft. base, $1' 1/2$ ft. high N. of cor. ✓

40.50

Cross wash 4 lks. wide course S.

50.30

Cross road bears N. E. and S. W.

61.25

Cross wash 6 lks. wide course S.

77.20

Cross wash 6 lks. wide course S.

79.96

The cor. of secs. 15, 16, 21 and 22.

Land, level.

Soil, adobe; 1st. rate.

No timber.

Undergrowth, greasewood and mesquite brush.

Land covered with dense undergrowth, 79.96 chs.

June 9, 1907.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.	
	June 10: At 7h. 00m., a.m., l.m.t., I set off $33^{\circ} 25' N$ on the lat. arc; $22^{\circ} 58 \frac{1}{2}' N$ on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.
	Thence I run
	N. $0^{\circ} 01' W$. bet. secs. 15 and 16.
	Over level land, through greasewood and scattering mesquite.
17.00	Enter wash 10 lks. wide course S. W. and cross and re-cross same to
32.00	Leave wash bears N. E.
34.40	Cross road bears E. to Phoenix and W. to Buckeye.
37.30	Cross wash 8 lks. wide course S. W.
39.20	Cross wash 8 lks. wide course S. W.
40.00	Set a granite stone 18 x 7 x 4 ins. $1\frac{1}{2}$ ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; from which A mesquite 10 ins. diam., bears S. $60^{\circ} E$. 126 lks. dist., marked $06\frac{1}{4}S15BT$ A mesquite 6 ins. diam., bears S. $47^{\circ} W$. 179 lks. dist., marked $06\frac{1}{4}S16BT$
45.90	Cross wash 30 lks. wide course S. E.
47.00	Cross wash 30 lks. wide course S. W. and cross and re-cross same to
59.00	Leave wash, bears N. W.
80.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked 06 on N. E. face; with 4 notches on S. and 3 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. $5 \frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. From this cor. the old cor. which I destroy bears N. $78^{\circ} 36' E$. 275 lks. dist. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood and mesquite. Land covered with dense undergrowth 80.00 chs.

40.00	S. $89^{\circ} 57' E$. on a random line bet. secs. 10 and 15.
80.02	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 3 lks. S. of the cor. of secs. 10, 11, 14 and 15. Thence I run
22.50	N. $89^{\circ} 58' W$. on a true line bet. secs. 10 and 15
40.01	Cross wash 15 lks. wide course S. Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth $3 \frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
57.50	Cross wash 10 lks. wide course S.
80.02	The cor. of secs. 9, 10, 15 and 16. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood. At this cor. I set off $22^{\circ} 58 \frac{1}{2}' N$. on the dec'l. arc and observe the sun on the meridian at noon June 10, the resulting lat. is $33^{\circ} 26' N$.

40.00	N. $0^{\circ} 01' W$. bet. secs. 9 and 10. Over level land through greasewood brush. Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth $3 \frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
67.40	Cross wash 10 lks. wide course S. W.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains 80.00	<p>Set a granite stone 20 x 7 x 6 ins. 15 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked 06 on N. face; with 5 notches on S. and 3 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood. Land covered with dense undergrowth 80.00 chs. June 10, 1907.</p>
40.00 80.04	<p>June 11; At 7h. 00m. a.m., l.m.t., I set off 33° 27' N. on the lat. arc; 23° 03' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 9 and 10. Thence I run S. 89° 58' E. on a random line bet. secs. 3 and 10.</p>
40.02	<p>Set temp. 1/4 sec. cor. Intersect N. and S. line 3 lks. N. of the cor. of secs. 2, 3, 10 and 11. Thence I run N. 89° 57' W. on a true line bet. secs. 3 and 10 Over level land through greasewood and scatter ing mesquite brush.</p>
80.04	<p>Set a granite stone 20 x 7 x 6 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; from which A mesquite 8 ins. diam., bears S. 9° W. 48 lks. dist., marked 06 1/4 S1OBT. No other trees available. Dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. The cor. of secs. 3, 4, 9 and 10. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood and mesquite. Land covered with dense undergrowth 80.04 chs.</p>
40.00 79.73	<p>N. 0° 01' W. on a random line bet. secs. 3 and 4. Set temp. 1/4 sec. cor. Intersect N. bdy. of Tp. 10 lks. E. of the cor. of secs. 3, 4, 33 and 34: Thence I run S. 0° 05' E. on a true line bet. secs. 3 and 4. Over level land through greasewood brush.</p>
39.73	<p>Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.</p>
59.25 69.60 75.75 79.73	<p>Cross wash 6 lks. wide course S. E. Cross wash 6 lks. wide course S. E. Cross wash 6 lks. wide course S. E. The cor. of secs. 3, 4, 9 and 10. Land, level. Soil, adobe; 1st. rate. Undergrowth, greasewood. Land covered with dense undergrowth 79.73 chs. At this cor. I set off 23° 03' N. on the dec'l. arc and observe the sun on the meridian at noon June 11; the resulting lat. is 33° 27' N.</p>
	<p>N. 0° 02' W. bet. secs. 28 and 29, from true point for cor. of secs. 28, 29, 32 and 33, previously described.</p>

Subdivision of Tp. 1N. Rg. 2 W.

Chains	
	Over level, cultivated land.
0.15	Cross fence bears E. and W.
0.30	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for witness cor. of secs. 28, 29, 32 and 33, marked WC 06 on N. E. face; with 1 notch on S. and 4 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
12.40	Cross ditch 8 lks. wide course W.
16.90	Cross telephone line bears E. and W.
17.60	Cross fence bears E. and W. and leave cultivated land.
18.00	Cross road bears E. and W.
18.53	S. bank of Buckeye canal, 4 ft. deep, course W.
18.83	N. bank of Buckeye canal.
19.75	Cross road bears E. and W., and through sage and scattering mesquite brush.
28.40	Cross wash 25 lks. wide course S. E.
30.00	Cross road bears E. and W.
38.40	Cross telephone line bears E. and W.
40.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
41.80	Cross wash 10 lks. wide course S. E.
44.70	Cross wash 10 lks. wide course S. E.
73.70	Cross wash 10 lks. wide course S. E.
80.00	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for cor. of secs. 20, 21, 28 and 29, marked 06 on N. E. face; with 2 notches on S. and 4 notches on E. edges; from which A mesquite 5 ins. diam., bears N. 35 1/4° E. 178 lks. dist., marked 06T1NR2WS21BT. A mesquite 4 ins. diam., bears S. 45 1/2° E. 159 lks. dist., marked T1NR2WS28BT. A mesquite 4 ins. diam., bears S. 74 1/4° W. 184 lks. dist., marked T1NR2WS29BT. A mesquite 6 ins. diam., bears N. 55 3/4° W. 184 lks. dist., marked T1NR2WS20BT.
	Land, level.
	Soil, adobe; 1st. rate.
	No timber.
	Undergrowth, sage and mesquite brush.
	Land covered with dense undergrowth 60.25 chs.
	<hr/>
	Fast on a random line bet. secs. 21 and 28.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line 5 lks. N. of the cor. of secs. 21, 22, 27 and 28. Thence I run. N. 89° 58 1/2° W. on a true line bet. secs. 21 and 28. Over level land, through sage, greasewood and scattering mesquite brush.
29.50	Cross wash 8 lks. wide course S.
40.01	Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
57.00	Cross wash 8 lks. wide course S.
67.63	Cross road bears N. E. and S. W.
71.00	Cross wash 6 lks. wide course S.
73.90	Cross wash 20 lks. wide course S.
80.02	The cor. of secs. 20, 21, 28 and 29. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, sage, greasewood and mesquite brush. Land covered with dense undergrowth 80.02 chs.

June 11, 1907

125

Subdivision of Tp.1 N. Rg. 2 W.

Chains.	
	June 12: At 7h. 00m. a.m., 1.m.t. I set off $33^{\circ} 24' 1/2''$ N. on the lat. arc; $23^{\circ} 07' 1/2''$ N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29, Thence I run N. $0^{\circ} 02'$ W. bet. secs. 20 and 21. Over level land, through greasewood brush.
3.30	Cross wash 10 lks. wide course S. E.
40.00	Set a granite stone $18 \times 6 \times 5$ ins. 12 ins. in the ground for $1/4$ sec. cor., marked $1/4$ 06 on W. face; dig pits $18 \times 18 \times 12$ ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth $3 1/2$ ft. base, $1 1/2$ ft. high, W. of cor.
51.00	Cross wash 6 lks. wide course S. E.
62.25	Cross wash 6 lks. wide course S. E.
80.00	Set a granite stone $18 \times 6 \times 6$ ins. 12 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked 06 on N. E. face; with 3 notches on S. and 4 notches on E. edges; dig pits $18 \times 18 \times 12$ ins. in each sec. $5 1/2$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. From this cor. the old sec. cor., which I destroy, bears N. $81^{\circ} 37'$ E. 2.79 chs. dist. Land, level. Soil, adobe; 1st. rate. No timber. Undergrowth, greasewood. Land covered with dense undergrowth 80.00 chs.
40.00	S. $89^{\circ} 58'$ E. on a random line bet. secs. 16 and 21. Set temp. $1/4$ sec. cor.
80.02	Intersect N. and S. line, 3 lks. N. of the cor. of secs. 15, 16, 21 and 22. Thence I run N. $89^{\circ} 57' 1/2''$ W. on a true line bet. secs. 16 and 21. Over level land, through greasewood brush.
3.30	Cross wash 10 lks. wide course S.
20.50	Cross wash 10 lks. wide course S.
24.10	Cross wash 10 lks. wide course S.
40.01	Set a granite stone $20 \times 6 \times 5$ ins. 15 ins. in the ground for $1/4$ sec. cor., marked $1/4$ 06 on N. face; dig pits $18 \times 18 \times 12$ ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth $3 1/2$ ft. base, $1 1/2$ ft. high, N. of cor.
49.20	Cross road bears N. and S.
57.65	Cross wash 8 lks. wide course S.
58.60	Cross wash 6 lks. wide course S.
60.50	Cross wash 10 lks. wide course S.
80.03	The cor. of secs. 16, 17, 20 and 21. Land, level. Soil, adobe, 1st. rate. No timber. Undergrowth, greasewood. Land covered with dense undergrowth, 80.03 chs. June 12; At this cor. I set off $23^{\circ} 07' 1/2''$ N. on the dec'l. arc; and observe the sun on the meridian at noon the resulting lat. is $33^{\circ} 25'$ N.
7.90	N. $0^{\circ} 02'$ W. bet. secs. 16 and 17. Over level land, through greasewood brush. Cross road bears E. to Phoenix and W. to Buckeye.
20.15	Cross wash 5 lks. wide course S. W.
40.00	Set a granite stone $18 \times 6 \times 4$ ins. 12 ins. in the ground for $1/4$ sec. cor., marked $1/4$ 06 on W. face; dig pits $18 \times 18 \times 12$ ins. N. and S. of stone, 3 ft. dist., and raise a mound of earth $3 1/2$ ft. base, $1 1/2$ ft. high, W. of cor.

Subdivision of Tp. 1 N. Rg. 2 W.

chains.

49.30 Cross wash 6 lks. wide course S. W.
 76.00 Cross wash 6 lks. wide course S. E. ✓
 80.00 Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground
 for cor. of secs. 8, 9, 16 and 17, marked 06 on N. E. face
 with 4 notches on S. and E. edges; dig pits 18 x 18 x
 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound
 of earth 4 ft. base, 2 ft. high, W. of cor.
 From this cor. the old cor. bears N. 81° 36' W. 279 lks.
 dist., I destroy this old cor. E
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 80.00 chs.

40.00 S. 89° 57' E. on a random line bet. secs. 9 and 16.
 Set temp. 1/4 sec. cor.
 80.06 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 9, 10, 15 and 16,
 Thence I run
 N. 89° 59' W. on a true line bet. secs. 9 and 16,
 Over level land, through greasewood brush.

4. 25 Cross wash 10 lks. wide course S.
 11.90 Cross wash 8 lks. wide course S.
 18.10 Cross wash 10 lks. wide course S.
 40.03 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground
 for 1/4 sec. cor., marked 1/4 06 on N. face; dig pits 18 x
 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise
 a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.
 of cor.
 56.70 Cross wash 6 lks. wide course S.
 68.10 Cross wash 6 lks. wide course S.
 71.50 Cross wash 6 lks. wide course S.
 80.06 The cor. of secs. 8, 9, 16 and 17.
 Land, level.
 Soil; adobe; 1st. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 80.06 chs.

June 12, 1907.

June 13: At 7h. 00m., a.m., 1.m.t., I set off 33° 28' N.
 on the lat. arc; 23° 11' N. on the dec'l. arc; and
 determine a meridian with the solar at the cor. of secs.
 8, 9, 16 and 17.
 Thence I run
 N. 0° 02' W. bet. secs. 8 and 9.
 Over level land, through greasewood brush.
 36.20 Cross wash 3 lks. wide course S. E.
 40.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the
 ground for 1/4 sec. cor., marked 1/4 06 on W. face; dig pits
 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and ra
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
 W. of cor.
 80.00 Set a granite stone 20 x 6 x 5 ins. 15 ins. in the
 ground for cor. of secs. 4, 5, 8 and 9 marked 06 on N. E.
 face; with 5 notches on S. and 4 notches on E. edges;
 dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.;
 and raise a mound of earth 4 ft. base, 2 ft. high, W.
 of cor.
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 80.00 chs.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.

40.00 S. 89° 59' E. on a random line bet. secs. 4 and 9.
 Set temp. 1/4 sec. cor.
 80.04 Intersect N. and S. line 12 lks. S. of the cor. of secs. 4, 5, 8 and 9.
 Thence I run
 S. 89° 56' W. on a true line bet. secs. 4 and 9.
 Over level land through greasewood brush.
 22.10 Cross wash 10 lks. wide course S.
 24.30 Cross wash 10 lks. wide course S.
 40.02 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; and dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
 72.00 Cross wash 8 lks. wide course S. E.
 73.40 Cross wash 5 lks. wide course S. E.
 80.04 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, adobe; 1st. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 80.04 chs.

40.00 N. 0° 02' W. on a random line bet. secs. 4 and 5.
 Set temp. 1/4 sec. cor.
 79.85 Intersect N. bdy. of Tp. 5 lks. E. of the cor. of secs. 4, 5, 32 and 33.
 Thence I run
 S. 0° 04' E. on a true line bet. secs. 4 and 5.
 Over level land through greasewood brush.
 39.85 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 46.85 Cross wash 6 lks. wide course S. E.
 50.30 Cross wash 10 lks. wide course S. E.
 56.90 Cross wash 10 lks. wide course S. E.
 61.85 Cross wash 10 lks. wide course S. E.
 79.85 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, gravelly; 2nd. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 79.85 chs.
 June 13; At this cor. I set off 23° 11' N. on the dec' l. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 27' N.

From the cor. of secs. 29, 30, 31 and 32 I run
 N. 0° 02' W. bet. secs. 29 and 30.
 Over level cultivated land.
 8.16 Cross ditch 5 lks. wide course E.
 8.23 Cross fence bears E. and W.
 8.71 Cross road bears E. and W.
 8.85 S. bank of Buckeye canal, 4 ft. deep, course W.
 9.05 N. bank of canal, and through sage and greasewood brush.
 20.42 Cross wash 25 lks. wide course SE. and telephone line bears E. and W.
 20.90 Cross road bears N. E. and S. W.
 31.25 Cross same wash noted above course S. W.
 32.10 Cross same wash course S. E.
 40.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; from which
 A mesquite 6 ins. diam., bears N. 59° W. 89 lks. dist., marked 06 1/4 S30BT
 No other tree available. Dig pits 18 x 18 x 12 ins.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.

- N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
- 45.35 Cross wash 10 lks. wide course S. W. and cross and re-cross same through scattering mesquite
- 67.70 Leave wash, bears N. W.
- 80.00 Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for cor. of secs. 19, 20, 29 and 30 marked 06 on N. E. face; with 2 notches on S. and 5 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
- From this cor. the old cor., which I destroy bears N. 89° 22' E. 260 lks. dist.
- Land, level.
- Soil, adobe; 1st. rate.
- No timber.
- Undergrowth, sage, greasewood and mesquite brush.
- Land covered with dense undergrowth 80.00 chs.
-
- East on a random line bet. secs. 20 and 29.
- 40.00 Set temp. 1/4 sec. cor.
- 80.02 Intersect N. and S. line 5 lks. N. of the cor. of secs. 20, 21, 28 and 29.
- Thence I run
- N. 89° 58' W. on a true line bet. secs. 20 and 29.
- Over level land, through sage, greasewood and scattering mesquite brush.
- 12.05 Cross road bears N. E. and S. W.
- 16.00 Cross wash 6 lks. wide course S.
- 29.15 Cross wash 10 lks. wide course S.
- 33.45 Cross wash 40 lks. wide course S.
- 40.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
- 55.00 Cross wash 6 lks. wide course S.
- 57.00 Cross wash 10 lks. wide course S.
- 64.50 Cross wash 6 lks. wide course S.
- 72.10 Cross road bears N. W. and S. E.
- 80.00 The cor. of secs. 19, 20, 29 and 30.
- Land, level.
- Soil, adobe; 1st. rate.
- No timber.
- Undergrowth, sage, greasewood and mesquite.
- Land covered with dense undergrowth 80.02 chs.
- June 13, 1907
-
- June 14: At 7h. 00m., a.m., l.m.t., I set off 33° 24 1/2' N. on the lat. arc; 23° 15' N. on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.
- Thence I run
- N. 89° 44' W. on a random line bet. secs. 19 and 30.
- 37.37 Intersect W. bdy. of Tp. 00 lks. S. of the cor. of secs. 19, 24, 25 and 30.
- Thence I run
- S. 89° 44' E. bet. secs. 19 and 30.
- Over level land through greasewood and scattering mesquite brush.
- 6.87 Cross wash 20 lks. wide course S.
- 31.50 Cross wash 10 lks. wide course S.
- 32.20 Cross road bears N. E. and S. W.
- 37.37 The cor. of secs. 19, 20, 29 and 30.
- Land, level.
- Soil, adobe; 1st. rate.
- No timber.
- Undergrowth, greasewood and mesquite brush.

Subdivision of Tp. 1 N. Rg. 2 W.

Chains.

Land covered with dense undergrowth 37.37 chs.

N. 0° 02' W. bet. secs. 19 and 20.

Over level land, through greasewood brush.

10.00

Cross wash 6 lks. wide course S. E.

12.50

Cross wash 6 lks. wide course S. E.

13.80

Cross road bears N. E. and S. W.

32.00

Cross wash 3 lks. wide course S. E.

36.80

Cross wash 3 lks. wide course S. W.

37.70

Cross wash 3 lks. wide course S. E.

40.00

Set a granite stone 18 x 7 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. ✓

46.20

Cross wash 6 lks. wide course S. E.

47.80

Cross wash 6 lks. wide course S. W.

49.20

Cross wash 6 lks. wide course S. W.

59.60

Cross wash 6 lks. wide course S. W.

61.73

Cross road bears E. to Phoenix and W. to Buckeye.

80.00

Set a granite stone 24 x 10 x 4 ins. 18 ins. in the ground for cor. of secs. 17, 18, 19 and 20, marked 06 on N. E. face; with 3 notches on S. and 5 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high W. of cor. ✓

Land, level.

Soil, adobe; 1st. rate.

No timber.

Undergrowth, greasewood.

Land covered with dense undergrowth 80.00 chs. ✓

June 14: At this cor. I set. of 23° 14 1/2' N. on the dec'l. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 25' N. ✓

S, 89° 58' E. on a random line bet. secs. 17 and 20.

40.00

Set temp. 1/4 sec. cor.

80.06

Intersect N. and S. line 12 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence I run

S. 89° 57' W. on a true line bet. secs. 17 and 20

Over level land, through greasewood brush.

2.65

Cross wash 6 lks. wide course S.

23.90

Cross road bears N. E. to Phoenix and S. W. to Buckeye.

26.90

Cross wash 10 lks. wide course S.

33.10

Cross wash 10 lks. wide course S.

38.05

Cross old road bears N. W. and S. E.

40.03

Set a granite stone 18 x 18 x 8 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 06 on W. face; from which

A mesquite 8 ins. diam., bears N. 9° E. 91 lks. dist., marked 06 1/4 S17BT ✓

A mesquite 6 ins. diam., bears S. 82 1/2° W. 189 lks. dist., marked 06 1/4 S20BT ✓

45.05

Cross wash 10 lks. wide course S.

45.32

Cross old road bears N. W. and S. E.

60.30

Cross wash 8 lks. wide course S.

65.05

Cross wash 10 lks. wide course S.

67.05

Cross wash 10 lks. wide course S.

72.65

Cross old road bears N. W. and S. E.

79.85

Cross wash 5 lks. wide course S.

80.06

The cor. of secs. 17, 18, 19, and 20.

Land, level.

Soil, adobe; 1st. rate.

No timber.

Undergrowth, greasewood.

Land covered with dense undergrowth 80.06

Subdivision of Tp. 1 N. Rg. 2 W.

chains.

37.47 N. $89^{\circ} 44'$ W. on a random line bet. secs. 18 and 19.
Intersect W. bdy. of Tp. 7 lks. N. of the cor. of secs. 13, 18, 19 and 24.
Thence I run
S. $89^{\circ} 50'$ E. on a true line bet. secs. 18 and 19.
Over level land, through greasewood brush.
9.50 Cross wash 8 lks. wide course S. and road in wash bears N. and S.
12.00 Cross wash 30 lks. wide course S.
37.47 The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, adobe; 1st. rate.
No timber.
Undergrowth, greasewood.
Land covered with dense undergrowth 37.47 chs.

June 14, 1907.

June 15: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 25'$ N. on the lat. arc; $23^{\circ} 18'$ N. on the det'l. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.
Thence I run
N. $0^{\circ} 02'$ W. bet. secs. 17 and 18.
Over level land, through greasewood brush.
0.45 Cross wash 6 lks. wide course S. E.
7.30 Cross wash 10 lks. wide course S. E.
27.75 Cross wash 15 lks. wide course S. E.
40.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.
57.90 Cross wash 4 lks. wide course S. E.
80.00 Set a granite stone 18 x 6 x 6 ins. 12 ins. in the ground for cor. of secs. 7, 8, 17, and 18, marked 06 on N. E. face with 4 notches on S. and 5 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, adobe; 1st. rate.
No timber.
Undergrowth, greasewood.
Land covered with dense undergrowth 80.00 chs.

N. $89^{\circ} 57'$ E. on a random line bet. secs. 8 and 17.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect N. and S. line 5 lks. S. of the cor. of secs. 8, 9, 16 and 17.
Thence I run S. $89^{\circ} 55'$ W. on a true line bet. secs. 8 and 17.
33.50 Over level land through greasewood brush.
33.50 Cross wash 5 lks. wide course S.
39.98 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist.; and raise a mound of earth 5 1/2 ft. base, 1 1/2 ft. high, N. of cor.
48.55 Cross wash 15 lks. wide course S.
67.59 Cross wash 6 lks. wide course S.
77.00 Cross road bears N. W. and S. E.
79.96 The cor. of secs. 7, 8, 17 and 18.
Land, level.
Soil, gravelly; 2nd. rate.
No timber.
Undergrowth, greasewood.
Land covered with dense undergrowth 79.96 chs.

Subdivision of Tp. 1 N. Rg. 2 W.

chains	
37.46	N. 89° 50' W. on a random line bet. secs. 7 and 18. Intersect W. bdy. of Tp. 4 lks. S. of the cor. of secs. 7, 12, 13 and 18. Thence I run S. 89° 46' E. on a true line bet. secs. 7 and 18. Over level land through greasewood brush.
15.75	Cross wash 15 lks. wide course S.
17.15	Cross wash 8 lks. wide course S.
22.25	Cross wash 12 lks. wide course S.
25.00	Cross wash 10 lks. wide course S.
27.60	Cross road bears N. and S.
28.85	Cross wash 8 lks. wide course S.
29.90	Cross wash 10 lks. wide course S.
32.95	Cross wash 10 lks. wide course S.
37.46	The cor. of secs. 7, 8, 17 and 18. Land, level. Soil, gravelly; 2nd. rate. No timber. Undergrowth, greasewood. Land covered with dense undergrowth 37.46 chs./ June 15: At this cor. I set off 23° 17 1/2' N. on the dec'l: arc; and observe the sun on the meridian at noon the resulting lat. is 33° 26' N. ✓
7.00	N. 0° 02' W. bet. secs. 7 and 8. Over level land, through greasewood brush.
19.60	Cross road bears N. W. and S. E.
21.70	Cross wash 5 lks. wide course S. E.
34.06	Cross wash 5 lks. wide course S. E.
40.00	Cross road bears N. E. and S. W. Set a granite stone 18 x 8 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 06 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. ✓
45.50	Cross wash 6 lks. wide course S. E.
49.00	Cross wash 6 lks. wide course S. E.
71.00	Cross wash 6 lks. wide course S. E.
72.35	Cross road bears E. and W.
80.00	Set a granite stone 20 x 8 x 6 ins. 15 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked 06 on N. E. face; with 5 notches on S. and E. edges; from which A mesquite 10 ins. diam., bears N. 72 1/4° E. 235 lks. dist. marked 06TLNR2WS5BT. ✓ No other trees available. Dig pits 18 x 18 x 12 ins. S. E., S. W., and N. W. of stone 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, gravelly; 2nd rate. No timber. Undergrowth greasewood. Land covered with dense undergrowth 80.00 chs.
40.00	N. 89° 55' E. on a random line bet. secs. 5 and 8. Set temp. 1/4 sec. cor.
79.90	Intersect N. and S. line, 14 lks. N. of the cor. of secs. 4, 5, 8, and 9. Thence I run N. 89° 59' W. on a true line bet. secs. 5 and 8. Over level land, through greasewood brush.
19.20	Cross wash 6 lks. wide course S.
24.00	Cross wash 6 lks. wide course S.
39.95	Set a granite stone 20 x 10 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 06 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor. ✓
44.70	Cross wash 6 lks. wide course S.

Subdivision of Tp. 1N. Rg. 2 W.

chains.

55.60 Cross wash 6 lks. wide course S.
 60.50 Cross wash 6 lks. wide course S.
 69.30 Cross road bears N. and S.
 79.90 The cor. of secs. 5, 6, 7, and 8.
 Land level.
 Soil, gravelly; 2nd. rate.
 No timber.
 Undergrowth greasewood.
 Land covered with dense undergrowth 79.90 chs.

June 15, 1907

JUN

June 16: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 27' N.$ on the lat. arc; $23^{\circ} 20 \frac{1}{2}' N.$ on the dec'l. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 7 and 8.
 Thence I run
 N. $89^{\circ} 46'$ W. on a random line bet. secs. 6 and 7.
 37.67 Intersect W. bdy. of Tp. 1 lk. N. of the cor. of secs. 1, 6, 7 and 12.
 Thence I run
 S. $89^{\circ} 47'$ E. on a true line bet. secs. 6 and 7.
 Over level land, through greasewood brush.
 6.80 Cross wash 6 lks. wide course S.
 8.45 Cross wash 10 lks. wide course S.
 23.30 Cross wash 6 lks. wide course S.
 35.30 Cross wash 6 lks. wide course S.
 37.67 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, gravelly; 2nd. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 37.67 chs.

N. $0^{\circ} 02'$ W. on a random line bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.17 Intersect N. bdy. of Tp. 5 lks. E. of the cor. of secs. 5, 6, 31 and 32.
 Thence I run
 S. $0^{\circ} 04'$ E. on a true line bet. secs. 5 and 6.
 Over level land, through greasewood brush.
 18.50 Cross wash 6 lks. wide course S. E.
 22.65 Cross wash 6 lks. wide course S. E.
 37.70 Cross wash 6 lks. wide course S. E. ✓
 40.17 Set a granite stone 18 x 8 x 4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 06 on W. face; from which
 An ironwood 6 ins. diam., bears N. 52° W. 115 lks. dist., marked 06 $\frac{1}{4}$ S6BT. ✓
 An ironwood 6 ins. diam., bears S. 40° E. 328 lks. dist., marked 06 $\frac{1}{4}$ S5BT. ✓
 46.30 Cross wash 6 lks. wide course S.W.
 49.60 Cross wash 10 lks. wide course S.W.
 75.00 Cross wash 6 lks. wide course S.W.
 80.17 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, gravelly; 2nd. rate.
 No timber.
 Undergrowth, greasewood.
 Land covered with dense undergrowth 80.17 chs. ✓
 June 16; At this cor. I set off $23^{\circ} 20 \frac{1}{2}' N.$ on the lat. arc; and observe the sun on the meridian at noon the resulting lat. is $33^{\circ} 27' N.$ ✓

June 16, 1907.

Subdivision of Tp. 1 N. Rg. 2. W.

Chains.

General Description.

This township is level, with the exception of the S. E. $\frac{1}{4}$ of sec. 36 and the soil is generally adobe, and 1st. rate, and if supplied with water would raise abundant crops.

There is no timber in the township excepting a scattering growth of cottonwoods along the Gila River

The Gila River runs across the south eastern cor. of the township

The southwestern cor. of the township is settled and is well watered by the Buckeye canal which runs through the township.

John F. Hesse
U. S. Dep. Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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31

LIST OF NAMES.

BOOK 2055

A list of the names of the individuals employed by John F. Hesse

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Tp. 1 N. Rg. 2 W.

showing the respective capacities in which they acted:

A. N. Oliver , Chainman.

H. S. Young , Chainman.

C. C. Collins , Moundman.

..... , Moundman.

Ben Jones , Axman.

..... , Axman.

W. W. Shawk , Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John F. Hesse

....., United States Deputy Surveyor, in surveying all those parts or portions of the subdivision lines of Tp. 1 N. Rg. 2 W.

..... of the Gila a and Salt River meridian, Territory of of Arizona

....., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona.

A. N. Oliver ✓ , Chainman.

H. S. Young ✓ , Chainman.

C. C. Collins ✓ , Moundman.

..... , Moundman.

Ben Jones ✓ , Axman.

..... , Axman.

W. W. Shawk ✓ , Flagman.

Subscribed and sworn to before me this 16th }
day of June 1907, 189



John F. Hesse
U. S. Dep. Surveyor

No money available without loss of time and great expense.

75532
BOOK 2055

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John F. Hesse, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 10th day of November 1906, 189⁷, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision lines of Tp. 1 N. Rg. 2 W.

of the Gila and Salt River meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Arizona and in the specific manner described in the field notes; and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

John F. Hesse
United States Deputy Surveyor.

Subscribed by said John F. Hesse, and sworn to before me }
this 2nd day of July 1907, 189⁷

Frank S. Ingalls
U.S. Surveyor General
for Arizona.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix AZ, Nov. 15th 1907, 189⁷

The foregoing field notes of the survey of the subdivisions of T1N R2W of the Gila and Salt River Base and Meridian in the territory of Arizona

executed by John F. Hesse, U.S. deputy surveyor under his contract No. 142, dated November 10, 1906, 189⁷, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

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

United States Surveyor General.