

Rec'd Dec. 9,

John L. Harris Deputy Surveyor.
T. 21 North R. 5 East
Gila & Salt River Meridian.

No. 380

FIELD NOTES

OF BOOK 380

THE SUBDIVISION LINES OF

Township 21 North Range 5 East
Gila & Salt River Meridian.

380

BY

John L. Harris Deputy Surveyor.

under his Contract of July 29, 1878.

Survey Commenced October 9, 1878.

Survey Completed October 14, 1878.

No. 380

Platted,
Copied for Washington, J. R. F.
Copied for Register, a. b.

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes.	Lks.	Minutes.	Lks.	Minutes.	Lks.
1.....	2 $\frac{1}{2}$	21.....	49	41.....	95 $\frac{2}{3}$
2.....	4 $\frac{2}{3}$	22.....	51 $\frac{1}{2}$	42.....	98
3.....	7	23.....	53 $\frac{2}{3}$	43.....	100 $\frac{1}{2}$
4.....	9 $\frac{1}{2}$	24.....	56	44.....	102 $\frac{2}{3}$
5.....	11 $\frac{2}{3}$	25.....	58 $\frac{1}{2}$	45.....	105
6.....	14	26.....	60 $\frac{2}{3}$	46.....	107 $\frac{1}{2}$
7.....	16 $\frac{1}{2}$	27.....	63	47.....	109 $\frac{2}{3}$
8.....	18 $\frac{2}{3}$	28.....	65 $\frac{1}{2}$	48.....	112
9.....	21	29.....	67 $\frac{2}{3}$	49.....	114 $\frac{1}{2}$
10.....	23 $\frac{1}{2}$	30.....	70	50.....	116 $\frac{2}{3}$
11.....	25 $\frac{2}{3}$	31.....	72 $\frac{1}{2}$	51.....	119
12.....	28	32.....	74 $\frac{2}{3}$	52.....	121 $\frac{1}{2}$
13.....	30 $\frac{1}{2}$	33.....	77	53.....	123 $\frac{2}{3}$
14.....	32 $\frac{2}{3}$	34.....	79 $\frac{1}{2}$	54.....	126
15.....	35	35.....	81 $\frac{2}{3}$	55.....	128 $\frac{1}{2}$
16.....	37 $\frac{1}{2}$	36.....	84	56.....	130 $\frac{2}{3}$
17.....	39 $\frac{2}{3}$	37.....	86 $\frac{1}{2}$	57.....	133
18.....	42	38.....	88 $\frac{2}{3}$	58.....	135 $\frac{1}{2}$
19.....	44 $\frac{1}{2}$	39.....	91	59.....	137 $\frac{2}{3}$
20.....	46 $\frac{2}{3}$	40.....	93 $\frac{1}{2}$	60.....	140

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Table for Running on Slopes.

In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain. horizontal measurement.

Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.
o		o		o		o	
4	0-24	11	1-88	18	5-14	25	10-54
5	0-38	12	2-24	19	5-76	26	11-26
6	0-55	13	2-63	20	6-42	27	12-24
7	0-76	14	3-06	21	7-11	28	13-37
8	0-98	15	3-53	22	7-85	29	14-34
9	1-24	16	4-02	23	8-64	30	15-47
10	1-55	17	4-56	24	9-47	35	22-07

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BOOK 380

John Harris Deputy Surveyor.
T. *21 North* R. *5 East*
Gila & Salt River Meridian.

No-380
FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *21 North* Range *5 East*
Gila & Salt River Meridian.

BY

John Harris Deputy Surveyor.
under his Contract of *July 29th* 1878
Survey Commenced *October 9, 1878.*
Survey Completed *October 14, 1878.*

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Township *21 North* Range *5 East*

IA *Gila & Salt River*

Meridian.

BOOK 380

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
20	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

OK.

Preliminary Oaths of Assistants.

We, Richard Shrope
 and N. Van Alstine
 do solemnly swear that we will faithfully execute
 the duties of Chain Carriers; that we will level the
 chain upon uneven ground, and plumb the tally
 pins, whether by sticking or dropping the same;
 that we will report the true distance to all notable
 objects, and the true length of all lines that we as-
 sist in measuring, to the best of our skill and
 ability.

Richard Shrope
N. Van Alstine

Sworn to and subscribed before me, this 17th
 day of August, 1878.

John R. Farrell,
 Notary Public.

We, Wm. Amos Kolb, Hugman, & W. Seastegui,
& Frank Carpenter, Ammen & D. B. Dodson, Pitman
do solemnly swear that we will well and truly per-
form the duties of Hugman, Ammen and
Pitman respectively
according to instructions given us, and to the best
of our skill and ability.

Wm. Amos ^{his} Kolb
W. Seastegui
Frank Carpenter
D. B. Dodson

Sworn to and subscribed before me this 14th
day of August 1878.

John R. Farrell,
Notary Public.

1
 Township 21 North BOOK 380 Range 5 East
 ID Gila & Salt River Meridian.

Chains From the corner to Sections 35, 36, 1 and 2 on the South boundary I run.
 North, between Sections 35 and 36.

Variation $15^{\circ}45'$ East.

As per E. Boundary

2.50 A Pine 31 in. dia.

40.00 Set a post, marked 74° S. 4 ft. long, flattened
 3 in. wide, 1 ft. in the ground, drive charred
 stake and build mound of earth 1 ft
 high with pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions for 74° sec. cor.
 from which

A Pine, 26 in. dia. brs. N. 47° E. 146 W. dist.

do. 29 " " " N. 13° W. 168 " "

80.00 Set a post, marked and notched, 4 ft.
 long, 3 in. sq. d. 1 ft. in the ground, and
 build mound of stones 2 ft. high,
 as per instructions for cor. to secs.
 25, 26, 35 & 36. from which

A Pine, 37 in. dia. brs. S. 10° E. 110 W. dist.

do. 30 " " " S. 34° W. 108 " "

do. 24 " " " N. 25° W. 69 " "

do. 30 " " " N. $9\frac{1}{2}^{\circ}$ E. 76 " "

Land broken and rocky. Soil
 mostly poor. Grass.
 Heavy Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 25 and 36.

Variation $15^{\circ}45'$ East.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.10 Intersect E. boundary 14 hrs. S. of cor.
 to secs. 25 & 36. from which cor. June
 S. $89^{\circ}54'W$.

Outline line between secs. 25 & 36.
 var. $15^{\circ}45'E$.

40.05 Set a post, marked 74 S. 4 ft long, flat
 topped 3 in wide, 1 ft in the ground, and
 build mound of stone 2 ft high, as per
 instructions for $\frac{1}{4}$ sec. cor. from which
 a Pine, 29 in dia. br. S. $31\frac{1}{2}^{\circ}E$. 57 hrs. dist.
 do. 28 " " " N. $40^{\circ}W$. 99 " "

80.10 Cr. to secs. 25, 26, 35 and 36.

Land mostly level.

Soil stony, but some good.

Grass. Heavy Pine timber.

Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains North, between Sections 25 and 26.

Variation 15° 45' East.

40.00 Set a post, marked 74 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for 74 sec. from which

A Pine, 39 in. dia. br. N. 30° W. 82 lvs. dist

do. 31 " " " S. 15° E. 130 " "

80.00 Set a post, marked and notched, 4 ft long, 3 in sq. 1 ft in the ground, drive chared stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 4 ft wide, as per instructions for cor. to secs. 23-24, 25 and 26. from which

A Pine, 47 in. dia. br. S. 28° E. 20 lvs. dist

do. 13 " " " S. 70° W. 97 " "

do. 38 " " " N. 73° W. 156 " "

do. 14 " " " N. 81° E. 183 " "

Land rolling. Some good soil. Grass. Heavy Pine timber.

Township 21 North Range 5 East

Gila & Salt River

Meridian.

Chains

East, on a random line between Sections 24 and 25.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

80.09 Intersect E. boundary 24 hrs. S. of cor.
to secs. 24 and 25, from which cor.

Some

S. $89^{\circ}50'N$.

On true line between secs. 24 & 25,

var. $15^{\circ}45' E$.

13.00 A Pine 23 in. dia.

40.04 Set a post, marked 14 S. 4 ft. long,
flattened 3 in wide, 1 ft. in the ground,
and build mound a post 2 ft
high, as per instructions for 14 sec.
cor. from which

A Pine, 35 in. dia. br. South 28 hrs. dist.

do. 12 " " " N. $45^{\circ}N$. 30 " "

80.09 Cor. to secs. 23, 24, 25 and 26.

Land rolling. Some good soil.

Grass. Many Pine timber.

Township 21 North Range 5 East

Gila & Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation $15^{\circ}45'$ East.

- 39.00 A Pine 36 in. dia.
- 40.00 Set a post marked 74 S. 44 ft long, flattened 3 in wide, 1 ft in the ground drive charred stake and build mound of earth 2 ft high with pit 1 ft deep, 2 ft long, 1 ft wide, as per instruction for $1/4$ sec. cor. from which
- A Pine 32 in. dia. br. S. 36° W. 71 lbs. dist
do. 39 " " " S. 44° E. 152 " "
- 80.00 Set a post, marked and notched, 4 ft long, 3 in. sq. 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for corner Secs. 13, 14, 23 and 24 from which
- A Pine 31 in. dia. br. N. 45° W. 80 lbs. dist
do. 38 " " " S. 73° W. 96 " "
do. 33 " " " N. 10° E. 98 " "
do. 12 " " " S. $8^{\circ}1/4$ E. 220 " "
- Land rolling. Some good soil.
Grass. Heavy Pine timber.

Township 21 North ^{BOOK 380} Range 5 East
Gila & Salt River Meridian.

Chains

East, on a random line between Sections 13 and 24.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
 80.13 Intersect E. boundary 18 hrs. S. of cor.
 to secs. 13 and 14, from which cor. drawn
 $S. 89^{\circ}05' 2'' W.$
 On true line between secs. 13 & 14.
 var. $15^{\circ}45' E.$
- 40.06 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 and build mound of stones 2 ft
 high, as per instructions for 14 sec.
 cor. from which
 A Pine, 32 in dia. br. North 5 1/2 hrs. dist.
 do. 33 " " " S. $20^{\circ} E.$ 23 " "
- 80.13 Cor. to secs. 13, 14, 23 & 24.

Land rolling and broken.

Some good soil.

Grass.

Heavy Pine timber.

Township 21 North Range 5 East

Gila & Salt River

Meridian.

Chains

North, between Sections 13 and 14.

Variation

15°45'

East.

- 36.30 Drywash, 50 lbs. wide, br. S. W.
- 40.00 Set a post, marked 44 S. 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, and build mound of stones 2 ft. high, as per instructions for 4 sec. cor. from which
 A Pine 21 in. dia. br. S. 49° W. 20 lbs. dist.
 do. 22 " " " N. 20° E. 20 " "
- 59.00 A Pine 26 in. dia.
- 75.00 Leave timber br. N. E. & S. W., enter a large open park.
- 80.00 Set a post, marked & notched, 4 ft. long, 3 in. sq. d. 1 ft. in the ground. Drive a charred stake & build mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for cor. to Secs. 11, 12, 13 and 14.
 from which
 A Pine 39 in. dia. br. N. 3° E. 145 lbs. dist.
 No other trees near.
 Land rolling then level. Some good soil. Grass.
 Some heavy Pine timber.

Township 21 North Range 5 EastGula & Salt River Meridian.

Chains

East, on a random line between Sections 12 and 13.

Variation $15^{\circ}45'$ East.

In open park, —

- 3.00 Leave park, into timber br. N. E. & S. W.
 40.00 Set temporary cor.
 80.09 Intersect E. boundary 174 hrs. S. of cor.
 to secs. 12 and 13. from which cor.

Dance
 $S. 89^{\circ}53' W.$

On true line between secs. 12 & 13.

var. $15^{\circ}45' E.$

- 40.04 Set a post, marked M.S. 4 ft long, flat-
 tened 3 in wide 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep, 2
 ft long, 1 ft wide, as per instructions
 for 4 sec. cor. from which
 a line, 30 in. dia. br., $S. 64^{\circ} E.$ 170 hrs. dist.
 do. 20 " " " West. 10 " "

- 80.09 Cor. to secs. 11, 12, 13 and 14.

Land rolling and broken.

Soil mostly poor.

Grass. Some Heavy Pine timber.

October 9, 1878.

Township 21 North BOOK 380 Range 5 East

Gila & Salt River Meridian.

Chains North, between Sections 11 and 12.

Variation 15° 45' East.

In open park.

40.00 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{1}{4}$ sec. cor.
Notes near.

46.40 The overlaid road brs N. of E. & S. of W.

80.00 Set a post, marked and notched, 4 ft long, 3 in sq d., 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for corner Secs. 1, 2, 11, and 12.

Notes near.

Land level, and ascending N.

Some good soil.

Grass.

No timber.

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Township 21 North Range 5 East 10

Gila & Salt River Meridian.

Chains East, on a random line between Sections 1 and 12.

Variation $15^{\circ}45'$ East.

In open park -

40.00 Set temporary cor.

55.00 Enter point of timber br. N. W. & S. E.

77.00 Leave same br. N. W. & S. of E.

80.10 Intersect E. boundary 19 br. N. of
cor. to Secs. 1 and 12. from which
cor. run

N. $89^{\circ}52'$ W.

On true line between Secs. 1 & 12.

var. $15^{\circ}45'$ E.

40.05 Set a post, marked 74 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive charr'd stake and build mound
of earth 2 ft high with pits 1 ft deep,
2 ft long, 1 ft wide, as per instruc-
tions, for 74 sec. cor.

No trees near.

80.10 Cor. to Secs. 1, 2, 11 & 12.

Land mostly level.

Some good soil.

Grass.

Scattering trees, Pine.

Township 21 North Range 5 East

Gila and Salt River

Meridian.

Chains

North, on a random line between Sections 1 and 2.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.90 Intersect N. boundary 12 hrs. E. of
cor. to Secs. 1 and 2, from which
cor. I am
 $S. 0^{\circ}5' E.$

Outline line between secs. 1 & 2.

var. $15^{\circ}45' E.$ 39.90 Set a post, marked 44 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 44 sec cor.
No trees near.

79.90 Cor. to Secs. 1, 2, 11 and 12.

In open Park. Land level.
Some good soil.

Grass.

No timber.

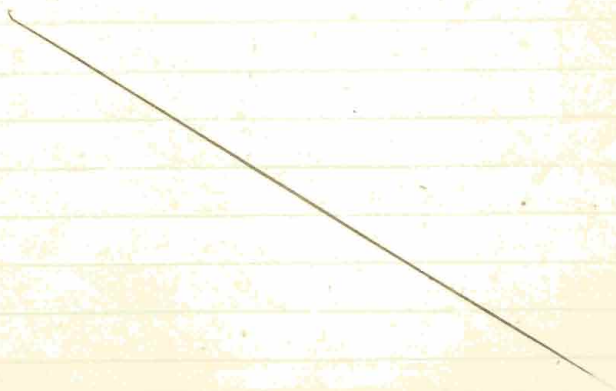
Township 21 North Range 5 EastGila & Salt River Meridian.

Chains

~~North 1 1/2 Secs 34 and 35~~~~Variation~~~~East~~

The line between secs. 34 and 35 was run in traversing to establish the Fifth Standard Parallel N, and will be found in the field notes of a survey of that portion of the Fifth Standard forming the S. boundary of Township 21 N. range 5 E.

Therefore from the corner to secs. 26-27, 34 and 35 - run as follows:-



Township 21 North Range 5 East
Gila and Salt River Meridian.

Chains

East, on a random line between Sections 26 and 35.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
 65.00 Wash, in ravine, 100 lbs W. br. S.E. with water mark.
 79.96 Intersect N. & S. line 20 lbs. N. of cor. to Secs.
 25, 26, 35 and 36. from which cor. draw
 N. $89^{\circ}51' W.$
 On true line between secs. 26 & 35.
 var. $15^{\circ}45' E.$
- 26.00 A Pine 26 in. dia.
 39.98 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat-
 tened 3 in wide, 1 ft in the ground,
 and build mound of stones 2 ft high
 as per instructions for $\frac{1}{4}$ sec. cor.
 from which
 A Pine, 39 in. dia. br. S. $63^{\circ} W.$ 54 lbs. dist
 do. 43 " " " N. $87^{\circ} E.$ 64 " "
- 79.96 Cor. to Secs. 26, 27, 34 and 35.

Land broken and rocky.
 Soil mostly poor.

Grass.

Heavy Pine timber.

Township 21 North Range 5 East
Gila & Salt River Meridian.

Chains North, between Sections 26 and 27.

Variation $15^{\circ}45'$ East.

- 40.00 Set a post, marked $1/4$ S. 4 ft long, flat
 tined 3 in. wide, 7 ft in the ground,
 and build mound of stones, 2 ft
 high, as per instructions for $1/4$ sec.
 cor. from which
 A Pine, 40 in. dia. brs. N. 86° W. 44 lbs. dist.
 do. 42 " " " S. 42° E. 105 " "
- 65.00 Descend into deep cañon brs. E. & W.
- 70.00 Leave same brs. E. & W.
- 80.00 Set a post, marked and notched 4 ft
 long, 3 in. sq. 1 ft. in the ground,
 driven chared stake and build mound
 of earth 2 ft high, with pit 1 ft deep,
 2 ft long, 1 ft wide, as per instruc-
 tions for cor. to secs. 22, 23, 26 and
 27, from which
 A Pine, 30 in. dia. brs. S. $48\frac{1}{2}^{\circ}$ E. 84 lbs. dist.
 do. 30 " " " N. $89\frac{1}{2}^{\circ}$ E. 72 " "
 do. 28 " " " S. 49° N. 106 " "
 do. 26 " " " N. 57° W. 173 " "

Land broken, rough & poor.
 Grass, Heavy Pine timber.

Township 21 North BOOK 380 Range 5 East

Gila & Salt River

Meridian.

Chains

East, on a random line between Sections 23 and 26.

Variation

$15^{\circ}45'$

East.

40.00 Set temporary cor.

79.89 Intersect N. and S. line 18 lns. N. of
cor. to Secs. 23, 24, 25 and 26. from
which cor. Iron
N. $89^{\circ}52'N$.

on true line between secs. 23 & 26.

var. $15^{\circ}45' E$.

39.94 Set a post, marked $1/4 S$, 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground,
drill chanced stake and build mound
a foot high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instruc-
tions, for $1/4$ sec. cor

from which

A Pine 40 in. dia. br. S. $60^{\circ}N$. 38 lns. dist.

do. 10 " " " S. $70^{\circ}E$. 228 " "

79.89 Cor. to Secs. 22, 23, 26 and 27.

Land rolling. Some good soil.
Grass.

Heavy Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains North, between Sections 22 and 23.

Variation 15°45' East.

- 40.00 Setapost, marked 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, down charred stake and build mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 14 sec. cor. from which
 A Pine, 20 in. dia. to N. 45° W. 57 lvs. dist
 do. 41 " " " South, 95 " "
- 71.00 A Pine 31 in. dia.
- 80.00 Setapost, marked and notched, 4 ft. long, 3 in. sq. d., 1 ft. in the ground, and build mound of stone 2 ft. high, as per instructions for cor. to Secs. 14, 15, 22 and 23, from which
 A Pine, 24 in. dia. to S. 33° E. 76 lvs. dist
 do. 13 " " " S. 46° W. 25 " "
 do. 34 " " " N. 20° W. 128 " "
 do. 30 " " " N. 23° E. 63 " "

Sand rolling. Some good soil.
 Grass. Heavy Pine timber.

Township

21 North

Range

5 East

Gila & Salt River

Meridian.

Chains

East, on a random line between Sections 14 and 23.

Variation

15°45'

East.

40.00 Set temporary cor.

56.50 Squash 100 lbs. wide, br. S. E.

79.85 Intersect. N. and S. line 26 lbs. N.
a foot to secs. 13, 14, 23 and 24
from which cor. Iron
N. 89°49' W.On true line between secs. 14 & 23
var. 15°45' E.39.92 Set a post, marked 74 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
driv. charred stake and build a
mound a ft. high with
pit 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for 74 sec. cor.
from whichA Pine, 39 in. dia. br. West, 93 lbs. dist.
do. 21 " " " N. 69° E. 174 " "

79.85 Cor. to Secs. 14, 15, 22 and 23.

Sand rolling. Some good soil.
Grass. Heavy Pine timber.

Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains North, between Sections 14 and 15.

Variation 15° 45' East.

- 40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in. wide, 1 ft. in the ground, drive charred stake and build a mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 14 sec. cor. from which
- A Pine 38 in. dia. br. N. 20° E. 112 bra. disto
do. 39 " " " South, 60 " "
- 70.00 Leave timber br. E. & W., enter large open park.
- 80.00 Set a post, marked and notched, 4 ft long, 3 in. sqd., 1 ft. in the ground, drive charred stake and build a mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for cor. to Secs. 10, 11, 14 and 15.
- Notices near.

Sand descending N. and level.
Some good soil. Grass.
Much heavy Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 11 and 14.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.05 Intersect N. and S. line 12 Cus. N.
 a/cor. to secs. 11, 12, 13 and 14,
 from which cor. I run
 $N. 89^{\circ}55' W.$
 Out true line between secs. 11 & 14
 var. $15^{\circ}45' E.$
- 40.02 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in wide, 1 ft. in the ground,
 drive charred stake and build a
 mound of earth 2 ft. high, with
 pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per
 instructions for $\frac{1}{4}$ sec. cor.
 No trees near.
- 80.05 Cor. to secs. 10, 11, 14 & 15,
 Land in open park.
 Level and some good soil.
 Grass. No timber on line, but
 skirting along some 10 chs to S.

Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains North, between Sections 10 and 11.

Variation 15°45' East.

- 30.00 Creek, 12 hrs. wide, runs S.E. with water.
 - 31.50 The overland road br. N. of E. and W.
 - 32.00 Same creek as before 15 hrs. wide, flows S.W.
 - 40.00 Set a post, marked 74 S. 4 ft. long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 74 sec. cor.
No trees near.
 - 52.00 Same creek as before 10 hrs. wide flows S.E. Ascending N.
 - 70.00 Smith's Camp 200 hrs. N.
 - 80.00 Set a post, marked and notched, 4 ft long, 3 in sq d, 1 ft in the ground, and build mound of stones 2 ft high as per instructions for cor to Secs. 2, 3, 10 and 11.
No trees near.
- In open park. Ascending N.
Some good soil. Grass.
No timber.

Township 21 North Range 5 EastGila and Salt River Meridian.

Chains

East, on a random line between Sections 2 and 11.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
- 53.00 Ascend high bank bvs. N.E. & S.W.
- 80.11 Intersect N. and S. line 17 lvs. N.
 a/cor. to secs. 1, 2, 11 and 12, from
 which cor. Issue
 $N. 89^{\circ}53' W.$
 on true line between secs. 2 & 11.
 var. $15^{\circ}45' E.$
- 40.05 Set a post, marked 44 S. 4 ft. long,
 flattened 3 in wide, 1 ft. in the ground
 driven chanced stake and build mound
 a/cor. 2 ft. high, with pits 1 ft. deep,
 2 ft. long, 1 ft. wide, as per instruc-
 tions for 44 sec. cor.
 No trees near.
- 80.11 Cor. to secs. 2, 3, 10 and 11.

In open park.
 Land mostly level. Some good
 soil. Grass.
 No timber.

October 10, 1898.

Township 21 North Range 5 East
Gila and Salt River Meridian.

Chains

North, on a random line between Sections 2 and 3.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
 79.86 Intersect N. boundary 18 hrs. E.
 of cor. to sec. 2 and B. from which
 cor. I run
 $S. 0^{\circ}8' E.$
 Outline line between sec. 2 & B.
 var. $15^{\circ}45' E.$
- 39.86 Set a post marked 7 ft S. of fl. long,
 flattened 3 in wide, 1 ft in the ground
 and build mound of stones 2
 ft high, as per instructions for
 44 sec. cor.
 No trees near.
- 79.86 Cor. to sec. 2, 3, 10 and 11.
 In open park.
 Land mostly level. Some good soil.
 Grass. No timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains

~~North, between Sections 33 and 34~~

~~Variation~~

~~East~~

The S. 1/2 of the line between
secs. 33 and 34, falls in in-
accessible and impracticable
canyons and cannot be es-
tablished; and the N. 1/2 of
the same line was surveyed
in traverse to establish the
5th Standard Parallel N. and
will be found in the field
notes of survey of that por-
tion of the said 5th Standard
forming the S. boundary of
Township 21 N. range 5 E.

Township 21 North ^{BOOK} 380 Range 5 East ²⁴
Gila and Salt River Meridian.

Chains

~~East, on a random line between Sections 27 and 34~~

~~Variation~~

~~East~~

The line between secs. 27 and 34 was surveyed in traverse to establish the Fifth Standard Parallel N. and can be found in the field notes of the survey of that portion of said 5th Standard which makes the S. boundary of Township 21 N. range 5 E.

Therefore from the cor. to secs. 27. 28. 33 and 34, I run as follows:—

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains North, between Sections 27 and 28.

Variation $15^{\circ}45'$ East.

- 40.00 Set a post, marked 74 S. 4 ft long, flat
tined 3 in wide, 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 74 sec. cor. from which
A Pine, 40 in dia. br. N. 61° W. 67 lvs. dist.
do. 42 " " " S. 76° W. 111 " "
- 59.00 A Pine 29 in dia.
- 80.00 Set a post, marked and notched,
4 ft long, 3 in sq d. 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for cor. to Secs.
21, 22, 27 and 28. from which
A Pine, 20 in dia. br. N. $73\frac{1}{2}^{\circ}$ E. 95 lvs. dist.
do. 30 " " " S. 50° E. 43 " "
do. 24 " " " S. 44° W. 75 " "
do. 43 " " " N. 84° W. 200 " "

Sand brown Soil poor.
Grass. Heavy Pine timber.

Township 21 North Range 5 East
 Gila & Salt River Meridian.

Chains East, on a random line between Sections 22 and 27.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.92 Intersect N. and S. line 22 Sec. S.
 a cor. to Secs. 22, 23, 26 and 27,
 from which cor. Issue
 $S. 89^{\circ}51' N.$

But true line between Secs. 22 & 27.
 var. $15^{\circ}45' E.$

39.96 Set a post marked 44 S. 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, drive charred stake and
 build mound a foot 2 ft high,
 with pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 44 sec. cor.
 from which

A Pine, 38 in. dia. br. $N. 38^{\circ} E.$ 22 cor. dist.
 do 40 " " " $S. 12^{\circ} E.$ 15 " "

79.92 Cor. to Secs. 21, 22, 27 and 28.

Land broken, Soil mostly poor.
 Grass.

Heavy Pine timber.

BOOK 380
 Township 21 North Range 5 East
 Gila & Salt River Meridian.

Chains North, between Sections 21 and 22.

Variation $15^{\circ}45'$ East.

- 40.00 Set a post, marked 74 S. 4 ft long, flat-topped 3 in wide, 1 ft in the ground, drive charred stake and build mound afeath 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for 74 sec. cor. from which
 A Pine, 40 in. dia. brs. S. $69\frac{1}{2}^{\circ}$ W. 67 lns. dist.
 do. 46 " " " N. $66\frac{1}{2}^{\circ}$ E. 47 "
- 80.00 Set a post, marked and notched, 4 ft long, 3 in sq. d. 1 ft in the ground, drive charred stake and build mound afeath 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to secs. 15, 16, 21 and 22, from which
 A Pine, 35 in. dia. brs. N. 74° E. 51 lns. dist.
 do. 29 " " " S. 75° E. 80 " "
 do. 31 " " " N. $26\frac{1}{2}^{\circ}$ W. 86 " "
 do. 28 " " " S. 40° W. 260 "

Sand rolling Some good soil.
 Grass.
 Heavy Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 15 and 22.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
- 80.13 Intersect N. and S. line 30 lvs. N. of
 cor. to Secs. 14, 15, 22 and 23,
 from which cor. run
 N. $89^{\circ}47'$ W.
 Outline line between secs. 15 & 22,
 var. $15^{\circ}45'$ E.
- 40.06 Set a post, marked 74 S. 24 ft. long,
 flattened 3 in. wide, 1 ft. in the
 ground, drive charred stakes and
 build mound a foot high,
 with pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instruction for 74 sec.
 cor. from which
 a Pine, 12 in. dia. br., S. 46° E, 11 lvs. dist
 do. 20 " " " N. 60° E, 20 " "
- 80.13 Cor. to Secs. 15, 16, 21 and 22.

Land smooth rolling,
 Grass.

Heavy Pine timber.

Township 21 North Range 5 EastGila and Salt River Meridian.

Chains North, between Sections 15 and 16.

Variation 16°45' East.

- 35.00 A Pine 27 in. dia.
- 40.00 Set a post, marked 44 S. 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, and build mound of stones 2 ft. high as per instructions for 14 sec. cor. from which
A Pine, 44 in. dia. br. N. 36 $\frac{1}{2}$ ° W. 31 lbs. dist.
No. 40 " " " N. 61 $\frac{1}{2}$ ° E. 71 " "
- 41.00 A Pine 32 in. dia.
- 65.50 Leave timber br. N. W. & E, and enter W. end of large open park br. E.
- 80.00 Set a post marked and notched 4 ft. long. 3 in. sq. d. 1 ft. in the ground. A well charred stake and build mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for cor. to Secs. 9, 10, 15 & 16. from which
A Pine, 30 in. dia. br. N. 60° W. 42 lbs. dist.
No other trees near.
Land descending N. some good soil.
Grass. Heavy Pine timber for most part.

Township 21 North Range 5 EastGila and Salt River Meridian.

Chains

East, on a random line between Sections 10 and 15.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

80.56 Intersect N. and S. line 90 hrs. S. of
cor. to secs. 10, 11, 14 and 15. from
which cor. run
S. $89^{\circ}21'W$.Or. true line between secs. 10 & 15.
var. $15^{\circ}45' E$.40.28 Set a post, marked 14 S. 4 ft. long, flat
tined 3 in wide, 1 ft. in the ground,
dove charred stake and build a
mound of earth 2 ft. high, with pits
1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions for 14 sec. cor.
No trees near.

80.56 Cor. to secs. 9, 10, 15 and 16.

In open Park.

Land level.

Some good soil.

Grass.

No timber on line.

BOOK 380
Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains North, between Sections 9 and 10.

Variation 15°45' East.

Leave open Park, at its N. end.

10.00 The overland road br. E. & W.
20.00 Leave open Park, enter timber br. N.E.
and S.W.

40.00 Set a post, marked 14 S. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground,
and build mound of stones 2 ft
high, as per instructions for 14 sec. cor.
from which

A Pine, 25 in dia br, S. 74° E. 26 hrs. dist.
do. 15 " " " S. 49° W. 54 " "

80.00 Set a post, marked and notched,
4 ft long, 3 in sq. d. 1 ft in the ground,
and build mound of stones 2 ft
high, as per instructions for cor. to Sec.
3, 4, 9 and 10. from which

A Pine, 28 in dia br, N. 37 1/2° E. 102 hrs. dist.
do. 27 " " " N. 41 1/2° W. 96 " "
do. 36 " " " S. 25° W. 150 " "
do. 29 " " " S. 5° E. 247 " "

Land level then broken and stony.
Soil poor. Grass. Much Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 3 and 10.

Variation 15°45' East.

- 40.00 Set temporary cor.
- 57.00 Leave timber, brs. N. & S. and enter open Park.
- 60.00 Moist ceniza but with no running water, 50 lbs wide, brs. S.
- 80.05 Intersect N. & S. line 12 lks. S of cor. to secs. 2, 3, 10 and 11, from which cor. I run
S. 89°55' W.
On true line between secs. 3 & 10.
var. 15°45' E.
- 40.02 Set a post, marked 74 S. 4 ft long, flattened 3 in. wide, 1 ft from the ground, and build mound of stones 2 ft high as a structure for 74 sec. cor. from which
a pine, 25 in. dia brs, South 50 lbs. dist
do. 74 " " " N. 64° W. 48 " "
- 80.05 Cor. to secs. 3, 4, 9 and 10.

Land uneven. Soil stony & poor W., some good E. Grass. Some heavy Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 3 and 4.

Variation $15^{\circ}45'$ East.

- 20.00 Leave timber br. E. & W., enter E. end of opening br. N. W.
- 40.00 Set temporary cor.
- 40.15 Dry wash, 50 lbs. wide, br. N.
- 42.50 Sheep corral br. E. & W. the line crosses W. end of corral; and enter timber br. N. W. and E.
- 80.26 Intersect N. boundary 15 lbs. N. of cor to secs. 3 and 4, from which cor. run
S. $0^{\circ}6'$ W.
Put true line between secs. 3 & 4.
var. $15^{\circ}45'$ E.
- 40.26 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, and build mound of stone 2 ft high as per instructions for $\frac{1}{4}$ sec. cor. from which
A Pine, 39 in. dia br. S. 32° W. 24 lbs. dit.
do. 32 " " " S. 75° E. 142 " "
- 80.26 Cor to Secs. 3, 4, 9 and 10.
Land uneven. Some good soil.
Grass. Some Heavy Pine timber.

Township 21 North Range 5 East

Gila Salt River Meridian.

Chains

~~North, between Sections 32 and 33.~~~~Variation~~~~East~~

The line between secs. 32 & 33
 lies across impracticable
 and impassable canyons, and
 cannot be run

Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains

~~East, on a random line between Sections 28 and 33.~~

~~Variation East~~

The line between secs. 28 & 33 was established in traverse when surveying the 5th Standard Parallel N., and can be found in the field notes of that portion of said Fifth Standard forming the S. boundary of Township 21 N. range 5 E.

Therefore from the corner to secs. 28, 29, 32 and 33 I run as follows:—

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains	North, between Sections 28 and 29.
	Variation 15°45' East.
40.00	<p>Set a post, marked 74 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 74 sec. cor. from which</p> <p>A Pine, 14 in dia. br. S. 62° N. 50 lbs. dist. do. 31 " " " N. 31 1/2° E. 58 " "</p>
80.00	<p>Set a post, marked and notched, 4 ft long, 3 in. sqd. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor. to Secs. 20, 21, 28 and 29, from which</p> <p>A Pine, 15 in dia. br. N. 44° E. 34 lbs. dist. do. 12 " " " S. 41 1/2° E. 45 " " do. 20 " " " S. 12° N. 51 " " do. 18 " " " N. 75° N. 144 " "</p>
	<p>Land broken and rolling. Some goods at N. Grass. Heavy Pine timber.</p>

BOOK 380
Township 21 North Range 5 East

Gila & Salt River

Meridian.

Chains

East, on a random line between Sections 21 and 28.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.80 Intersect N. & S. line 34 lns. N. of
cor. to secs. 21, 22, 27 & 28, from
which cor. I run
N. $89^{\circ}45'$ W.

On true line between sec. 21 & 28.
var. $15^{\circ}45'$ E.

39.90 Set a post, marked $1/4$ S. 24 ft. long,
flattened 3 in. wide, 1 ft. in the
ground, drive charred stake and
build mound of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for $1/4$ sec.
cor. from which

a line, 35 in. dia. br. West, 100 lns. dist
do. 47 " " " S. $83\frac{1}{2}^{\circ}$ E. 110 " "

79.80 Cor. to secs. 20, 21, 28 and 29.

Land rolling and broken.
Soil mostly poor. Grass.
Heavy Pine timber.

October 11, 1878.

Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation $15^{\circ}45'$ East.

- 40.00 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ ft long, flattened 3 in. wide, 1 ft in the ground, drive charred stake and build a mound afeath 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{1}{4}$ sec. cor. from which
- A Pine, 31 in. dia br, S. $46\frac{1}{2}^{\circ}$ E. 174 lbs. dist.
do 33 " " " N. 43° E. 248 " "
- Timber opens a little around cor.
- 80.00 Set a post, marked and notched, $\frac{1}{4}$ ft long, 3 in. sqd, 1 ft in the ground, and build mound of stones 2 ft high as per instructions for cor. to Secs. 16, 17, 20 & 21. from which
- A Pine, 14 in. dia br, S. 19° W. 41 lbs. dist.
do 27 " " " N. 65° W. 71 " "
do 13 " " " N. $35\frac{1}{2}^{\circ}$ E. 28 " "
do 30 " " " S. $64\frac{1}{2}^{\circ}$ E. 93 " "

Sand rolling. Some good soil.
Grass. Heavy Pine timber.

Township 21 North Range 5 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 16 and 21.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
 79.96 Intersect N. E. line 11 lns. N. of cor.
 to secs. 15, 16, 21 and 22. from
 which cor. run
 N. $89^{\circ}55'W$.
 on true line between secs. 16 & 21.
 var. $15^{\circ}45' E$.
- 39.98 Set a post, marked 44 S. 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per instruction
 for 44 sec. cor. from which
 A Pine, 27 in dia. to S. $30^{\circ}W$. 12 lns. dist.
 do. 26 " " " N. $80^{\circ}E$. 30 " "
- 79.96 Cor. to secs 16, 17, 20 and 21.

Rolling Hills.

Some good soil.

Grass.

Heavy Pine timber.

Gila & Salt River Meridian.

- | Chains | North, between Sections 16 and 17. |
|--------|---|
| | Variation $15^{\circ}45'$ East. |
| 40.00 | Set a post, marked $1/4$ S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $1/4$ sec. cor. from which
a Pine, 40 in dia. br, West, 33 lns dist.
do. 46 " " " N. $22\frac{1}{2}^{\circ}$ W. 66 " " |
| 80.00 | Set a post, marked and notched, 4 ft long, 3 in sq. d. 1 ft in the ground, and build mound of stones 2 ft high as per instructions for cor. to Secs. 8, 9, 16, and 17, from which
a Pine, 32 in dia. br, N. 88° W. 49 lns. dist.
do. 41 " " " N. 66° E. 73 " "
do. 24 " " " S. $88\frac{1}{2}^{\circ}$ E. 56 " "
do. 11 " " " S. 40° W. 79 " " |

Rolling Hills,
 Soil poor. Grass.
 Heavy Pine timber.

Township 21 North Range 5 East

Gala & Salt River Meridian.

Chains

East, on a random line between Sections 9 and 16.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor.
- 75.00 Leave timber br. N. & S., enter the end of open Park, br. E.
- 80.07 Intersect N. and S. line 26 brs. N. of cor. to Secs. 9, 10, 15 and 16, from which cor. I run $N. 89^{\circ}49' W.$
Outline line between Secs. 9 & 16, var. $15^{\circ}45' E.$
- 34.00 A Pine 28 in. dia.
- 40.03 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in. under 1 ft. in the ground, and build mound of stones 2 ft. high, as per instructions for $\frac{1}{4}$ sec. cor. from which
A Pine, 20 in. dia. br. N. $40^{\circ} E.$ 21 brs. dist.
do. 15 " " " South 41 " "
- 80.07 Cor. to Secs. 8, 9, 16 and 17.

Sand rolling & broken -
Soil poor. Grass.
Heavy Pine timber.

Township 21 North Range 5 East

Gila & Salt River

Meridian.

Chains North, between Sections 8 and 9.

Variation $15^{\circ}45'$ East.

- 0.37 The overland road $60^{\circ} E. \frac{1}{2} S. of W.$
- 40.00 Set a post, marked $4 S. \frac{1}{2} E.$ long, flattened 3 in wide, 1 ft in the ground drive charred stake and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $44^{\text{sec. cor.}}$ from which
 A Pine, 42 in dia, $60^{\circ} N. 76^{\circ} E.$ 47 lvs. dist.
 do. 18 " " " $N. 76^{\circ} W.$ 64 " "
- 70.00 Ascend E. slope of high hill $60^{\circ} N. W.$
- 80.00 Set a post, marked and notched, 4 ft long, 3 in sq d, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor. to Secs. 4, 5, 8 and 9. from which
 A Pine, 26 in dia, $60^{\circ} N. 33^{\circ} W.$ 95 lvs. dist.
 do. 12 " " " $N. 40^{\circ} E.$ 88 " "
 do. 31 " " " $S. 47^{\circ} E.$ 54 " "
 do. 30 " " " $S. 3^{\circ} W.$ 71 " "

Land broken. Soil poor.
 Grass. Heavy Pine timber.

Township 21 North Range 5 East
Gila and Salt River Meridian.

Chains East, on a random line between Sections 4 and 9.

Variation $15^{\circ}45'$ East.

Descending E.

40.00 Set temporary cor.

79.98 Intersect N. and S. line 21 lns. N. of cor.
to secs. 3, 4, 9 and 10, from which
cor. In me

N. $89^{\circ}51' W.$

On true line between secs. 4 & 9.

var. $15^{\circ}45' E.$

39.99 Set a post, marked 74 S. 4 ft. long, flat
tined 3 in. wide, 1 ft. in the ground,
and build mound of stones 2 ft. high,
as per instructions for 74 sec. cor.
from which

A pine, 28 in. dia. on S. $45^{\circ} W.$ 52 lns. dist.

do. 27 " " N. $64^{\circ} W.$ 10 " "

79.98 Cor. to secs. 4, 5, 8 and 9.

Sand broken then level.

Some good soil. Grass.

Heavy Pine timber.

Township 21 North Range 5 East

Gila & Salt River

Meridian.

Chains

North, on a random line between Sections 4 and 5.

Variation $15^{\circ}45'$ East.

Across E. slope of hill, brs. W.

15.00 Level ground.

40.00 Set temporary cor.

45.00 Leave timber brs N.W. & S.E., enter opening brs. S.E.

70.00 Leave opening, enter timber brs. E. & N.W.

79.86 Intersect N. boundary 23 lvs. N. of cor to secs. 4 and 5, from which cor. In line S. $0^{\circ}10'$ W.

On true line between secs. 4 & 5.

var. $15^{\circ}45'$ E.

39.86 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep. 2 ft long, 1 ft wide, as per instructions for 14 sec. cor. from which

A Pine, 38 in. dia brs, S 40° E, 49 lvs. dist.do. 12 " " " N 20° W, 12 " "

79.86 Cor to secs. 4, 5, 8 and 9.

Land broken then level. Some good soil. Grass. Mostly Heavy Pine timber.

Township 21 North Range 5 EastGila & Salt River Meridian.

Chains

~~North, between Sections 31 and 32.~~~~Variation~~~~East.~~

The line between secs. 31 and 32 was established by traverse in the survey of that portion of the 5th Standard Parallel N. which forms the S. boundary of Township 21 N. range 5 E, and can be found in the field notes of survey thereof.

Township 21 North Range 5 EastGila & Salt River Meridian.

Chains

~~East or West line between Sections 29 and 32.~~~~Variation~~~~East~~

The line between sections 29 and 32 was established by traverse in survey of that portion of the 5th Standard Parallel N, which forms the S. boundary of Township 21 N, range 5 E, and can be found in the field notes of survey thereof.

From the cor. to Secs. 29, 30, 31 and 32, run as follows:

Township 21 North Range 5 EastGila & Salt River

Meridian.

Chains

West, on a random line between Sections 30 and 31.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.91 Intersect N. boundary 10 hrs. N. of
cor. to secs. 30 and 31, from which
cor. I runN. $89^{\circ}56' E.$

On true line between secs. 30 & 31

var. $15^{\circ}45' E.$ 39.91 Set a post, marked "45.4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive chained stakes and build a
mound of earth 2 ft high with
pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for "4 sec. cor.
from whichA Pine, 32 in dia. br. S. $40^{\circ} E.$ 148 hrs. dist.do. 30 " " N. $38^{\circ} W.$ 128 " "

79.91 Cor. to secs. 29, 30, 31 and 32.

Sand broken. Some good soil.
Grass. Heavy Pine timber.

Township

21 North Range 5 East

Gila & Salt River

Meridian.

Chains

North, between Sections 29 and 30.

Variation $15^{\circ}45'$ East.

- 40.00 Set a post, marked $1/4$ S. $1/4$ ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $1/4$ sec. cor. from which
 a Pine, 37 in. dia. br. S. 40° E. 18 lbs. dist.
 do. 29 " " " N. 62° W. 27 " "
- 80.00 Set a post, marked and notched and notched, $1/4$ ft long, 3 in. sq'd, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for Cor. to Secs. 19, 20, 29 and 30 from which
 a Pine, 36 in. dia. br. S. 89° E. 33 lbs. dist.
 do. 20 " " " S. $22\frac{1}{2}^{\circ}$ W. 60 " "
 do. 20 " " " N. $29\frac{1}{2}^{\circ}$ E. 57 " "
 do. 19 " " " N. $11\frac{1}{2}^{\circ}$ W. 57 " "
 Sand rolling. Some good soil.
 Grass. Heavy Pine timber.

Township

21 North

Range

5 East

Gila & Salt River

Meridian.

Chains

East, on a random line between Sections 20 and 29.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

80.08 Intersect N. and S. line 28 hrs. S.
afcor. to secs. 20, 21, 28 and 29,
from which cor. Dime
S. $89^{\circ}48' N.$ On true line between secs. 20 & 29
var. $15^{\circ}45' E.$

40.04 Set a post marked $74 S.$ 4 ft long
flattened 3 in wide, 1 ft in the ground,
dime charred stake and build a
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for $74 sec.$ cor.
from which

A Pine. 30 in dia. br. N. $26\frac{1}{2}^{\circ} E.$ 25 hrs. dist.
do. 20 " " S. $76\frac{1}{2}^{\circ} N.$ 137 " "

80.08 Cor. to secs. 19, 20, 29 and 30.

Land rolling.

Some good soil.

Grass.

Heavy Pine timber.

Township

21 North Range 5 East

Gila & Salt River

Meridian.

Chains

West, on a random line between Sections 19 and 30.

Variation $15^{\circ}45'$ East.

- 10.00 Descend.
 23.00 Foot of descent and run on level ground.
 40.00 Set temporary cor.
 79.89 Intersect N. boundary 25 lns. S. of
 cor. to Secs. 19 and 30. from
 which cor. Run

 $S. 89^{\circ}49' E.$

Outline line between Secs. 19 & 30.

var. $15^{\circ}45' E.$

- 39.89 Set a post, marked 14 S. 4 ft long,
 flattened 3 in. wide, 1 ft in the ground,
 drive charred stake and build a
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 14 sec. cor.
 from which

a Pine, 29 in. dia. br. South 54 lns. dist.

do. 31 " " " N. $58^{\circ} E.$ 88 " "

- 79.89 Cor to Secs. 19, 20, 29 and 30.

Land broken then level some
 good soil. Grass.

Heavy Pine timber

October 12, 1878

Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains North, between Sections 19 and 20.

Variation 15° 45' East.

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor. from which

- A Pine, 22 in dia brs. N. 70° E. 65 lbs dist.
- do. 19 " " " S. 70 1/2° W. 88 " "
- On S. slope of hill, brs. N. E.

76.00 A Pine 16 in dia.

80.00 Set a post, marked and notched, 4 ft long, 3 in sq d, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Secs. 17, 18, 19 and 20, from which

- A Pine, 12 in dia brs N. 60° W. 27 lbs dist.
- do. 20 " " " S. 40° E. 32 " "
- do. 24 " " " N. 20° E. 150 " "
- do. 32 " " " S. 25° W. 140 " "

Cor. on N. slope of hill brs S. E.
Land broken. Soil partly good. Grass.
Heavy Pine timber.

BOOK 380
Township 21 North Range 5 East

Gila & Salt River Meridian.

Chains

East, on a random line between Sections 17 and 20.

Variation $15^{\circ}45'$ East.

Across high hill, bns. N. & S.

40.00 Set temporary cor.

80.13 Intersect N. and S. line 20 bns. N. of cor. to secs. 16, 17, 20 & 21, from which cor. I run

N. $89^{\circ}51' W$.

On true line between secs. 17 & 20.

var. $15^{\circ}45' E$.

40.06 Set apart, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 74 sec. cor.

from which

A Pine, 38 in dia. bns. N. $38^{\circ} E$. 51 in dist.

do. 31 " " " S. $35^{\circ} E$. 64 " "

80.13 Cor. to secs. 17, 18, 19 and 20.

Land broken, Soil poor.
Grass.

Heavy Pine timber.
Scattering Oak trees.

Township

21 North

Range

5 East

Gila & Salt River

Meridian.

Chains

West, on a random line between Sections 18 and 19.

Variation

15°45'

East.

- 31.00 The overland road b/s. S. W. & N. E.
 40.00 Set temporary cor.
 79.82 Intersect N. boundary 12 hrs. N.
 of cor. to secs. 18 and 19. from
 which cor. same
 N. 89°55' E.
 On true line between secs. 18 & 19
 var. 15°45' E.
- 39.82 Set a post, marked 74 S. 4 ft. long,
 flattened 3 in wide, 1 ft in the
 ground, drive charred stake
 and build mound a foot 2
 ft high with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for 74 sec. cor. from which
 a Pine, 19 in dia. b/s. S. 42 1/2° E. 25 hrs. dist.
 do. 33 " " " N. 67 1/4° E. 46 " "
- 79.82 Cor. to secs. 17, 18, 19 and 20

Land broken, Soil poor.

Grass.

Heavy Pine timber.

Scattering Oak trees.

Township 21 North Range 5 East
Gila & Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 15° 45' East.

- 16.00 A Pine 29 in. dia.
 34.00 The overland road bet. S.W. & N.E.
 40.00 Set a post, marked 74 S. 4 ft long,
 flattened 3 in. wide, 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep
 2 ft long, 1 ft wide, as per in-
 structions for 74 sec. cor. from which
 A Pine, 29 in. dia. br. N. 20 1/2° W. 70 br. dist.
 do. 74 " " " S. 86° W. 100 " "
 48.00 A Pine 8 in. dia.
 53.00 do. 15 " "
 80.00 Set a post, marked & notched, 4 ft long,
 3 in. sq. 4. ft in the ground, drive charred stake
 and build mound of earth 2 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, as per in-
 structions for cor. to sec. 7, 8, 17 & 18, from which
 A Pine, 20 in. dia. br. N. 40° E. 32 br. dist.
 do. 16 " " " N. 70° W. 38 " "
 do. 28 " " " S. 11 1/2° W. 52 " "
 do. 8 " " " S. 54° E. 92 " "
 Broken hills soil mostly poor.
 Grass. Heavy Pine timber.
 Scattering Oak trees.

Township

21 North

Range

5 East

Gila & Salt River

Meridian.

Chains

East, on a random line between Sections 8 and 17.

Variation

15° 45'

East.

- 40.00 Set temporary cor.
- 79.29 The overland road brs S.W. & N. of E.
- 80.04 Intersect N. and S. line 8 lvs. S. of
cor. to secs. 8, 9, 16, and 17, from
which cor. Run
S. 89° 57' W.
On true line between secs. 8 & 17.
var. 15° 45' E.
- 40.02 Set a post marked 7/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high with pits 1 ft deep,
2 ft long, 1 ft wide, as for instruc-
tions, for 7/4 sec. cor, from which
a line 41 in. dia. brs S. 28° W. 29 lvs. dist
do. 28 " " " N. 66° E. 45 " "
- 80.04 Cor. to secs. 7, 8, 17 and 18.

Broken hills -

Some good soil, Grass.

Heavy Pine timber.

Scattering Oak trees & brush.

Township

21 North Range 5 East

Gila Salt River

Meridian.

Chains

West on a random line between Sections 7 and 18.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.93 Intersect N. boundary 14 Sec. N.
w cor. to Secs. 7 and 18. from which
cor. run
N. $89^{\circ}54'$ E.On true line between Secs. 7 & 18.
var. $15^{\circ}45'$ E.39.93 Set apart, marked 14 S. 4 ft long.
flattened 3 in wide, 1 ft in the
ground, and build mound of
stones 2 ft high, as per instru-
ments, for 14 sec. cor. from which
a Pine, 15 in. dia. N. $68^{\circ}W$, 17 ft. distant.
do 8 " " " South 13 " "

67.00 a Pine 20 in. dia.

79.93 Cor to Secs. 7, 8, 17 & 18.

Land hilly. Some good soil
Grass. Heavy Pine timber.

Scattering oak trees & brush.

Township 21 North Range 5 East
Gala and Salt River Meridian.

Chains North, between Sections 7 and 8.

Variation $15^{\circ}45'$ East.

40.00 Set a post marked $\frac{1}{4}$ S. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground, drive
chopped stake and build mound of
earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions
for $\frac{1}{4}$ sec. cor. from which
A Pine 39 in dia br. S. 40° W. 16 hrs. dist.
do. 41 " " " N. 36° E. 12 " "
On N. slope of high hill to E.

50.00 Descend.

58.00 Level ground.

80.00 Set a post marked & notched, 4 ft
long, 3 in sq d, 1 ft in the ground, drive
chopped stake and build mound
of earth 2 ft high with pits 1 ft deep
2 ft long, 1 ft wide, as per instruc-
tions for cor. to Secs. 5, 6, 7 & 8. from which
A Pine 29 in dia br. S. 32° W. 38 hrs. dist.
do. 14 " " " S. 76° E. 40 " "
do. 16 " " " N. 67° E. 26 " "
do. 10 " " " N. 48° W. 80 " "

Land hilly. Some good soil. Grass
Heavy Pine timber.

Scattering oak trees & brush.

Township

21 North Range 5 East

Gala & Salt River

Meridian.

Chains

East, on a random line between Sections 5 and 8.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.94 Intersect N. and S. line 15 hrs. S of
cor. to Secs. 4, 5, 8 & 9, from which
cor. I run
 $S. 89^{\circ}05' N.$

On true line between Secs. 5 & 8.

var. $15^{\circ}45' E.$ 39.97 Set a post, marked 74 S. of fl. long.
flattened 3 in wide, 1 ft in the ground,
drill charred stake and build mound
a foot high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instru-
tions for 74 sec. cor. from which
a pine, 25 in. dia. br. S. $49^{\circ} E.$, 113 br. dist.
do 28 " " " N. $20^{\circ} N.$, 138 " "
Cor. In a little valley br. N. W. & S. E.

79.94 Cor. to Secs. 5, 6, 7 & 8.

Rolling and hilly. Some good
soil. Grass.
Heavy pine timber.

Township 21 North Range 5 East

Gala & Salt River

Meridian.

Chains West, on a random line between Sections 6 and 7.

Variation $15^{\circ}45'$ East.

- 40.00 Set temporary cor. and cross over a high ridge br. N. W.
- 79.72 Intersect N. boundary 12 chs. S. of cor. to secs. 6 & 7, from which cor. In line $S. 89^{\circ}55' E.$
On true line between secs. 6 & 7 var. $15^{\circ}45' E.$
- 39.72 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ fl. long, flattened 3 in wide, 1 ft. in the ground, and build mound of stones 2 ft high, as per instructions for $\frac{1}{4}$ sec. cor. from which
a Pine, 12 in. dia. br. $S. 25^{\circ} E.$ 68 chs. dist.
do. 29 " " " N. $12^{\circ} W.$ 54 " "
- 79.72 Cor. to secs. 5, 6, 7 and 8.
- Land broken. Some good soil
Grass, Heavy Pine timber

Township 21 North Range 5 East

Gila Salt River Meridian.

Chains

North, on a random line between Sections 5 and 6.

Variation $15^{\circ}45'$ East.

40.00 Set temporary cor.

79.98 Intersect N. boundary 13 lns. E. of
cor. to sec. 5 No. from which cor.I run
 $S. 0^{\circ}6' E.$ Put true line between sec. 5 & 6.
var $15^{\circ}45'$ East.39.98 Set a post, marked 74 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
and build mound of stones 2 ft high,
as per instructions for 74 sec. cor.
from whichA Pine. 36 in dia br. N. $61^{\circ} E.$ 30 lns. dist.do. 24 " " " N. $33^{\circ} W.$ 50 " "

79.98 Cor to Secs. 5, 6, 7 and 8.

Land mostly level. Some good
soil. Grass.

Heavy Pine timber.

October 14, 1878.

GENERAL DESCRIPTION.

The surface of the land in Township 21 N. Range 5 E. is very broken in the S. and interspersed with high hills in the W. In the N.E. there is a large open Park taking up the greater portion of secs. 1. 2. 3. 10. 11 & 12. Some of the soil in this park is suitable for agriculture and the balance for grazing land. There is a fine and permanent supply of water in secs. 10 and 11.

Grass grows in great abundance throughout the township.

The balance, or about five-sixths, of the township is covered with a dense forest of Pine timber. The trees are very large, tall and straight and would afford a vast quantity of Pine Lumber of the best quality.

The land is wholly non-mineral. There is scattering oak and some oak brush on the hills in the W. part of the township. The overland road runs through the township. Lines were blazed & line trees notched as per instructions. J. W. L. Harris
U.S. Dep. Surveyor

List of Names.

BOOK 380

62

A List of the Names of Individuals employed
to assist in running, measuring, or marking the
lines and corners described in the foregoing Field
Notes of the survey of

The Subdivision Line of
Township 21 N. Range 5
E. of the Gila and Salt
River Meridian

Showing the respective capacities in which they
acted.

Richard Shrope Chainman.

A. Van Alstine Chainman,

W. Suastegui }
Frank Carpenter } Axeman.

Wm. Angus Kalk Flagman.

J. B. Dodson Pitman

Final Oath of Assistants.

We hereby certify that we assisted John L. Harris U. S. Deputy Surveyor, in surveying

The Subdivision Lines of Township 21 N. Range 5 E. Gila and Salt River Meridian

and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Richard Shrope Chainman.

N. Van Aldine Chainman,

Frank Carpenter Axeman.

Wm. Amos ^{his} Koch Flagman.

D. B. Davis Pitman.

Sworn to and subscribed before me, this 13th

day of November, 1875

John R. Farrell
Notary Public

Final Oath of Deputy Surveyor.

BOOK

380

64

I, *John L. Harris*

U. S. Deputy Surveyor, do solemnly swear that
in pursuance of a contract with John Wasson,
United States Surveyor-General for Arizona, bear-
ing date the *29th* day of *July*

187*8*. I have well, faithfully and truly, in my
own proper person, and in strict conformity with
the instructions furnished by the Surveyor-Gener-
al, the Surveying Manual, and the laws of the
United States, surveyed all those portions of

*The Subdivision Lines of
Township 21 N. Range
5 E. of the Gila and
Salt River Meridian*

..... as are repre-
sented in the foregoing Field Notes as having
been surveyed under my directions; and I do
further solemnly swear that all the corners of
said surveys have been established and perpet-
uated in strict accordance with the Surveying
Manual and printed instructions, and also in ac-
cordance with the additional requirements con-

tained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corners and boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

John L. Harris
Deputy Surveyor.

Sworn to and subscribed before me, this 13th
day of *November*, 1878.

John R. Farrell
Notary Public.

BOOK 380

U. S. Surveyor General's Office,

TUCSON, ARIZONA, December 30, 1878.

The foregoing Field Notes of the Survey of the
 Subdivision Lines of
 Township 21 North,
 Range 3 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by

John L. Davis

Deputy Surveyor, under his contract of the

29th

day of

July

, 1878, having been

critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

John W. Mason.
 Surveyor General.