

~~Pa. Dec 9~~

John L. Harris

Deputy Surveyor.

T. 21 North R. 6 East

Gula Salt River Meridian.

No-381

FIELD NOTES

OF BOOK 381

THE SUBDIVISION LINES OF

Township 21 North Range 6 East

Gula Salt River Meridian.

BY

John L. Harris

Deputy Surveyor.

under his Contract of July 29 1878.

Survey Commenced September 25. 1878

Survey Completed October 1. 1878.

No-381

Platted,

Copied for Washington,

Copied for Register,

IRF
a. b.

381

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 $\frac{1}{3}$	42	98
3	7	23	53 $\frac{2}{3}$	43	100 $\frac{1}{3}$
4	9 $\frac{1}{3}$	24	56	44	102 $\frac{2}{3}$
5	11 $\frac{2}{3}$	25	58 $\frac{1}{3}$	45	105
6	14	26	60 $\frac{2}{3}$	46	107 $\frac{1}{3}$
7	16 $\frac{1}{3}$	27	63	47	109 $\frac{2}{3}$
8	18 $\frac{2}{3}$	28	65 $\frac{1}{3}$	48	112
9	21	29	67 $\frac{2}{3}$	49	114 $\frac{1}{3}$
10	23 $\frac{1}{3}$	30	70	50	116 $\frac{2}{3}$
11	25 $\frac{2}{3}$	31	72 $\frac{1}{3}$	51	119
12	28	32	74 $\frac{2}{3}$	52	121 $\frac{1}{3}$
13	30 $\frac{1}{3}$	33	77	53	123 $\frac{2}{3}$
14	32 $\frac{2}{3}$	34	79 $\frac{1}{3}$	54	126
15	35	35	81 $\frac{2}{3}$	55	128 $\frac{1}{3}$
16	37 $\frac{1}{3}$	36	84	56	130 $\frac{2}{3}$
17	39 $\frac{2}{3}$	37	86 $\frac{1}{3}$	57	133
18	42	38	88 $\frac{2}{3}$	58	135 $\frac{1}{3}$
19	44 $\frac{1}{3}$	39	91	59	137 $\frac{2}{3}$
20	46 $\frac{2}{3}$	40	93 $\frac{1}{3}$	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.
0		0		0		0	
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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John H. Harris Deputy Surveyor.
T. *21 North* R. *6 East*
Gila & Salt River Meridian.

No-381
FIELD NOTES

OF BOOK 381

THE SUBDIVISION LINES OF
Township *21 North* Range *6 East*
Gila & Salt River Meridian.

BY
John H. Harris Deputy Surveyor.
under his Contract of *July 29* 1878
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Gila Salt River

Meridian,

BOOK 381

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
30	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

O.K.

Township

21 North

381

Range

6 East

Gila Salt River

BOOK 381

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° 49'

East.

As per E. Boundary

40.00

Set a post, marked 74 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 74 sec. cor. from which

A Pine, 12 in. dia. br. N. 11° E. 49 brs. dist.

do. 32 " " " S. 36° W. 55 " "

45.00

Ascend high hills to the N. and E.

60.00

Descend.

75.00

Leave timber, br. E. & W. enter fine open park.

80.00

Set a post, marked & scratched, 4 ft long,
3 in sqd. 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. 25,
26, 35 and 36.

No trees near.

Land broken S., level and good soil
on N. end.

Grass. Some Heavy Pine timber.

Township 21 North Range 6 East
 Gila and Salt River Meridian.

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

Variation $15^{\circ}49'$ East.

Along S. side of open park

35.00 Leave open park, enter timber bet. N. and S. W., and ascend high hills to N. & S.

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

50.00 Top of ascent, & descend bet. N. & S.

70.00 Foot of descent.

80.05 Intersect E. boundary 14 hrs. S. of cor. to secs. 25 and 36. from which cor. I run $S. 89^{\circ}54' N.$

On true line between secs. 25 & 36.
 var. $15^{\circ}49' E.$

4.26 A Pine 40 in. dia.

40.02 Set a post, marked $\frac{1}{4}$ 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 $\frac{1}{4}$ sec. cor. from which

An oak, 30 in. dia. bet. $S. 30^{\circ} E.$ 8 hrs. dist. an Aspen, 12 " " " $N. 50^{\circ} W.$ 18 " " "

80.05 Cor. to secs. 25, 26, 35 and 36.

Land level then broken. 1st gate then poor soil. Some heavy Pine timber scattering oak and aspen timber. Grass. September 25, 1878.

Township 21 North BOOK 381 Range 6 East

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation $15^{\circ}49'$ East.

Along N. side of open park.

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 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, 12 in. dia. brs, S. 46° W. 18 lvs. dist.

do. 20 " " N. 74° W. 100 " "

41.00 Leave park, enter timber brs N.E. & S.W. and ascend to higher ground.

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. 23, 24, 25 and 26. from which

A Pine, 25 in. dia. brs, S. 1° W. 39 lvs. dist.

do. 23 " " S. 40° E. 109 " "

do. 12 " " N. 45° E. 87 " "

do. 24 " " N. 71° W. 60 " "

Land level. Soil good. Then Broken and soil poor. Grass.

Some heavy Pine timber.

BOOK 381
Township 21 North Range 6 East 4

Gila Salt River Meridian.

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

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

79.91 Intersect E. boundary 21 lns. S. of cor.
to Secs. 24 & 25. from which cor
I run

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

on true line between Secs. 24 & 25.

var. $15^{\circ}49' E.$

39.95 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 a few 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, 36 in. diam., N. $78^{\circ} E.$ 5 lns. dist.

do. 30 " " S. $4^{\circ} N.$ 22 " "

79.91 Conto Secs. 23, 24, 25 and 26.

Land, level E, broken W.

Some good soil.

Grass.

Many Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains North, between Sections 23 and 24. Variation 15° 49' 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. cor. from which

- A Pine, 27 in. dia. brs. N. 75° E. 10 lvs. dist.
- do. 29 " " " South. 32 " "

75.40 The overland road brs. 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 cor. to secs. 13, 14, 23 and 24. from which

- A Pine, 12 in. dia. brs. S. 25° W. 28 lvs. dist.
- do. 24 " " " N. 80° W. 41 " "
- do. 30 " " " N. 28° E. 59 " "
- do. 30 " " " S. 41° E. 110 " "

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

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 8.33 The overland road bet. S.W. and N.E.
 35.50 The overland road again, bet. N.W. & S.E.
 40.00 Set temporary cor.
 70.00 Descending.
 79.89 Intersect E. boundary 18 lcs. S. of cor.
 to Secs. 13 and 24, from which cor.
 Run
 $S. 89^{\circ}52' W.$
 On true line between secs. 13 & 24.
 var. $15^{\circ}49' E.$
- 39.94 Set a post, marked "4 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 Pine, 38 in dia bet. S. $65^{\circ} E.$ 33 lcs. dist
 do. 39 " " " N. $5^{\circ} W.$ 50 " "
- 79.89 Cor to Secs. 13, 14, 23 and 24.

Sandiness. Soil mostly poor.
 Grass. Heavy Pine timber.

Township 21 North Range 6 East

Gila Salt River Meridian.

Chairs North, between Sections 13 and 14.

Variation $15^{\circ}49'$ East.

36.05 A Pine 34 in. dia.

40.00 Setapost, 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 $1/4$ sec. cor. from which

A Pine, 20 in. dia. br. West 11 hrs. dist.

do. 24 " " " S. 24° E. 33 " "

Ascending -

80.00 Setapost, 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. 11, 12, 13 and 14. from which

A Pine, 30 in. dia. br. S. 22° N. 34 hrs. dist.do. 24 " " " N. 18° W. 89 " "do. 40 " " " N. 85° E. 75 " "do. 12 " " " S. 59° E. 103 " "

Sand rolling. Soil poor.

Grass. Heavy Pine timber.

Township 21 North Range 6 East.Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 50.00 Deep ravine, 300 lns. wide, brs. S.E.
- 80.11 Intersect E. boundary 20 lns. S. of cor.
to Secs. 12 and 13. from which cor.
Draw
S. $89^{\circ}05' N$.
Between line between sec. 12 & 13.
var. $15^{\circ}49' E$.
- 40.05 Set a post, marked $\frac{1}{4}$ 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 $\frac{1}{4}$ sec. cor.
from which
A Pine, 27 in. dia. br. N. $40^{\circ} W$. 33 lns. dist.
do. 30 " " " S. $50^{\circ} W$. 26 " "
- 80.11 Cor. to sec. 11, 12, 13 and 14.

Sand brown E. level N.
Soil poor then good.
Grass.

Heavy Pine timber.

Township 21 North Range 6 East
Gila & Salt River Meridian.

Chairs

North, between Sections 11 and 12.

Variation 15°49' East.

- 40.00 Set a post, marked $\frac{1}{4}$ 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 in-
 structions for $\frac{1}{4}$ sec. cor. from which
 a Pine, 30 in dia. br. N. 60° W. 12 hrs. dist.
 do. 29 " " " S. 73° E. 37 " "
- 45.74 A Pine, 39 in dia.
- 47.18 do. 24 " "
- 54.62 do. 27 " "
- 80.00 Set a post, marked $\frac{1}{4}$ 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. 1, 2, 11 & 12, from which
 a Pine, 30 in dia. br. S. 85° E. 63 hrs. dist.
 do. 30 " " " N. 80° E. 46 " "
 do. 32 " " " N. 78° W. 99 " "
 do. 29 " " " S. 50° N. 190 " "
- Land mostly smooth. Soil poor & good.
 Grass. Heavy Pine timber.

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Township 21 North Range 6 East 10

Gila & Salt River Meridian.

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

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

80.25 Intersect E. boundary 15 chs. N. of
cor. to secs. 1 and 12. from which
cor. I run
N. $89^{\circ}34'W$.

On true line between secs. 1 & 12,
var. $15^{\circ}49' E$.

40.12 Set a post, marked 74 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drill 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 74 sec. cor. from which
a Pine, 43 in. dia. br. S. $80^{\circ} E$. 19 chs. dist.
do. 41 " " " N. $28^{\circ} W$. 11 " "

80.25 Cor. to secs. 1, 2, 11 and 12.

Land mostly smooth. Soil good.

Grass. Heavy Pine timber.

Township 21 North Range 6 East

Gila & Salt River

Meridian.

Chains

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

Variation

15° 49'

East.

40.00 Set temporary cor.

50.00 Record on broken ground

80.08 Intersect N. boundary 30 lbs. E. of
cor to sec. 1 & 2. from which cor.

Dune

S. 0° 13' E.

On true line between sec. 1 & 2.

var 15° 49' E.

40.08 Set a post, marked 1/4 S. 2 ft long,
flattened 3 in wide, 1 ft in the
ground, and built mound of stone
2 ft high as per instructions for
1/4 sec. cor. from which

A pine 27 in diameter, S. 58° W. 66 lbs. dist.

do. 29 " " " N. 28° E. 24 " "

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

Land level, then broken.

Soil good and poor.

Grass.

Many Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains North, between Sections 34 and 35.

Variation 15° 49' East.

40.00 Setapost, marked 7/4 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 7/4 sec. cor. from which

A Pine, 7 1/2 in. dia. br. S. 60° E. 10 lvs. dist.
do. 18 " " " S. 15° W. 11 " "

66.00 Leave timber, br. E. & W, enter open Park.

80.00 Setapost, marked and notched, 4 ft long. 3 in sq'd. 1 ft in the ground, dove chaired 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. 26. 27. 34 and 35. No trees near.

Land mostly level.

Soil poor & Good.

Grass.

Some Heavy Pine timber.

Township 21 North Range 6 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.Line runs through middle of long open park
br. E. & W.

40.00 Set temporary 74 sec. cor.

46.00 Leave open park, enter timber br. N. & S. & ascend.

56.00 Descend.

75.00 Leave timber br. N. & S. enter open park.

79.84 Intersect N. & S. line 30 lks. N. of cor.
to secs. 25-26-35 and 36. from
which cor. I runN. $89^{\circ}44'$ N.

On true line between secs. 26 & 35.

var. $15^{\circ}49'$ E.39.92 Set a post marked 74 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 74 sec. cor.

No trees near.

79.84 Cor. to secs. 26, 27, 34 and 35.

Land level and broken. Some good
soil N. and Extreme E.

Grass. But little timber on line.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation $15^{\circ}49'$ East.

6.50 Leave open park, enter timber brs. E. & W.

40.00 Set a post, marked 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 1/4 sec. cor.
from whichA Pine, 30 in. dia. brs. N. 18° W. 41 ls. dist.do. 30 " " " N. 75° E. 60 " "

Ascending

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 sections
22, 23, 26 & 27, from whichA Pine, 12 in. dia. brs. N. 85° E. 6 ls. dist.do. 20 " " " S. 50° E. 33 " "do. 24 " " " S. 27° W. 44 " "do. 24 " " " N. 13° W. 70 " "Cor. on S. slope of high hill brs. N.
Land uneven. Soil mostly poor.

Grass. Heavy Pine timber.

September 26, 1878.

Township 21 North Range 6 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

Descending E.

40.00 Set temporary cor.

80.14 Intersect N. and S. line 13 lns. N. of
cor. to secs. 23, 24, 25 & 26, from which
cor. I run
N. $89^{\circ}54'W$.On true line between secs. 23 & 26,
var. $15^{\circ}49'E$.40.07 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 instructions for 74 sec. cor.
from whichA Pine, 40 in. dia. brs. S. $40^{\circ}W$. 14 lns. distdo. 31 " " " N. $55^{\circ}E$. 145 "

80.14 Cor to secs. 22, 23, 26 and 27.

Land broken then level.

Soil mostly poor. Grass,
Heavy Pine timber.

Township 21 North Range 6 East
Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $15^{\circ}49'$ East.

Ascend high hill br. E. W.

25.00 Descend.

40.00 Set a post, marked "4 S. 4 ft long, flat
 tined 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 Pine, 39 in. dia. br. S. $63^{\circ}N$. 91 lvs. dist.do. 34 " " " N. $22^{\circ}E$. 57 " "

80.00 Set a post, 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, 40 in. dia. br. S. $46^{\circ}E$. 47 lvs. dist.do. 30 " " " N. $36^{\circ}E$. 35 " "do. 24 " " " N. $58^{\circ}N$. 31 " "do. 20 " " " S. $68^{\circ}N$. 39 " "

Sand broken, Soil poor.

Grass. Heavy Pine timber.

Township

21 North

Range

6 East

Gila and Salt River

Meridian.

Chains

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

Variation $15^{\circ} 49'$ East.

40.00 Set temporary cor.

79.89 Intersect N. and S. line 22 hrs. N.
of cor. to Secs. 11, 12, 13 and 14, from
which cor. I run
N. $89^{\circ} 51' 71''$.Put true line between Secs. 11 & 14.
var. $15^{\circ} 49' E.$ 39.94 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
pit 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for 74 sec. cor.
from whichA line, 32 in. dia. or, S. $10^{\circ} E.$ 65 hrs ditto
do. 35 " " " N. $14^{\circ} E.$ 67 " "

79.89 Cor. to Secs. 10, 11, 14 and 15.

Land rolling. Soil good & poor.
Grass. Heavy Pine timber.

Township

21 North

Range

6 East

Gila and Salt River

Meridian.

Chains

North, between Sections 10 and 11.

Variation $15^{\circ}49'$ East.

40.00 Set a post, 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 instructions for 14 sec. cor.

from which

A Pine, 28 in. dia. br. West, 21 lns. dist.

do. 29 " " " S. 20° E. 9 " "

80.00 Set a post, marked 9 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.

from which

A Pine, 26 in. dia. br. N. 63° W. 7 lns. dist.

do. 26 " " " S. 7° W. 25 " "

do. 24 " " " S. 34° E. 79 " "

do. 25 " " " N. 35° E. 63 " "

Land rolling. Soil mostly poor.
Grass.

Heavy pine timber.

Township

21 North

Range

6 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 30.00 Ascend point of mountain brs. N.
- 40.00 Set temporary cor., and run on level ground.
- 80.09 Intersect N. & S. line 9 lns. N. of cor. to Secs. 1, 2, 11 and 12. from which cor. Run $N. 89^{\circ}56' W.$
 Put true line between Secs. 2 & 11, var. $15^{\circ}49'$ East.
- 40.04 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 which
 A Pine, 32 in. dia br. $N. 45\frac{1}{2}^{\circ} E.$ 16 lns. dist
 do. 31 " " " $S. 15^{\circ} W.$ 131 " "
- 72.70 A Pine 29 in. dia.
- 80.09 Cor. to Secs. 2, 3, 10 and 11.

Land level E. broken W. Soil poor.
 Grass. Heavy Pine timber.

Township 21 North Range 6 East
Gila & Salt River Meridian.

Chains

~~North~~ ~~Section 2 and 3~~~~Variation~~~~East~~

The line between secs. 2 and 3 runs over an impracticable part of mountain standing N. & N.E. of cor. to secs. 2, 3, 10 and 11.

The soil thereon is sandy, broken and worthless and the whole western slope of the mountain is almost destitute of timber.

Therefore I do not run this line.

3
Township 21 North BOOK 381 Range 6 East

Gila & Salt River

Meridian.

Chains North, between Sections 33 and 34.

Variation 15°49' East.

40.00 Setapost, marked 1/4 S. 1/4 flong. flat-tined 3 in. wide, 1 ft. in the ground, and build mound of stones 2 ft high as per instructions for 1/4 sec. cor from which

A Pine, 36 in. dia. br. S. 13° E. 27 lns. dist

do. 24 " " " S. 63° W. 37 " "

55.06 A Pine, 30 in. dia.

80.00 Setapost, marked and notched, 1/4 flong. 3 in. sq. 1 ft. in the ground, and build mound of stones 2 ft high as per instructions for cor. to Secs 27, 28, 33 and 34, from which

A Pine, 12 in. dia. br. S. 2° E. 49 lns. dist

do. 26 " " " N. 21° W. 91 " "

do. 20 " " " N. 54° E. 92 " "

do. 30 " " " S. 39° W. 86 " "

Land descending N. Soil poor

Grass. Heavy Pine timber

Township

21 North Range 6 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary cor.
 41.50 Second br. N. & S.
 60.00 Foot of descent and level.
 62.75 Leave timber br. N. & S, enter open park.

80.13 Intersect N. & S. line 6 hrs. N. of cor.
 to secs. 26-27, 34 and 35. from
 which cor. Run
 $N. 89^{\circ} 57' W.$

True line between sec. 27 & 34
 var. $15^{\circ} 49' E.$

- 40.06 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ ft. long, flat
 tined 3 in wide, 1 ft in the ground
 and build mound of stones 2 ft high,
 as per instructions for $\frac{1}{4}$ sec. cor.
 from which

A Pine, 27 in. dia br, $N. 40^{\circ} W.$ 93 br. dist
 do. 28 " " " $S. 50^{\circ} E.$ 67 " "

- 80.13 Cor. to Secs. 27, 28, 33 and 34.

Sand brown. Soil mostly poor.
 Grass some heavy Pine timber.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $15^{\circ}49'$ East.

40.00 Set apart, marked 74 S. 4 ft. long, flat-tened 3 in. wide, 1 ft. in the ground, and built around a stone 2 ft high, as per instructions for 74 sec. cor. from which

A Pine, 30 in. dia. to, N. 59° E. 10 lbs. dist

do. 34 " " " S. 12° W. 12 " "

80.00 Set apart, marked and notched, 4 ft. long, 3 in. sq. d. 1 ft. in the ground, and built around a stone 2 ft high, as per instructions for cor. to secs.

21, 22, 27 and 28. from which

A Pine, 25 in. dia. to, N. 58° E. 44 lbs. dist

do. 20 " " " N. 86° W. 57 " "

do. 32 " " " S. 72° W. 27 " "

do. 24 " " " S. $89^{\circ}14'$ E. 97 " "

Land level, then broken. Soil mostly poor. Grass. Many Pine timber
There is a little open park in the S. E. 74 of sec. 28.

Township 21 North Range 6 East
Gila & Salt River Meridian.

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. & S. line 35 lns. S. of cor.
 to secs. 22, 23, 26 and 27. from
 which cor. Run
 $S. 89^{\circ}45' W.$
 to true line between secs. 22 & 27.
 $var. 15^{\circ}49' E.$
- 40.05 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
 flattened 3 in. ends, 1 ft in the ground
 and build mound of stones 2 ft
 high, as per instructions for cor. to $\frac{1}{4}$
 secs. from which
 A pine, 26 in. dia. brs. $S. 55^{\circ} E.$ 27 lns. dist
 do 28 " " " $N. 8^{\circ} E.$ 46 " "
- 80.10 Cor. to secs. 21, 22, 27 and 28.

Brown hills. Soil poor.

Grass. Heavy Pine timber

Township

21 North

Range

6 East

Gila and Salt River

Meridian.

Chains

North, between Sections 21 and 22.

Variation $15^{\circ}49'$ 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 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, 25 in. dia. brs. S. 71° W. 102 brs. dist

do. 33 " " " N. 41° E. 110 " "

69.92 A Pine 37 in. dia.

80.00 Set a post, marked and notched, 4 ft long, 3 in. sq. 1 ft in the ground, drive 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 15, 16, 21 and 22, from which

A Pine, 30 in. dia. brs. S. 32° W. 177 brs. dist

do. 33 " " " S. 8° E. 246 " "

do. 34 " " " N. 16° W. 242 " "

do. 31 " " " N. 40° E. 349 " "

Cor. falls in narrow long opening brs E. and S. W. Land descending N. and broken. Silp. Grass. Heavy Pine timber. September 27, 1878.

BOOK 381
Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.
Variation 15° 49' East.

40.00 Set temporary cor.
79.98 Intersect N. & S. line 10 hrs. S. of cor. to
secs. 14, 15, 22 and 23. from which
cor. drawn
S. 89° 56' W.
but true line between secs. 15 & 22.
var. 15° 49' E.

39.99 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 74 sec. cor.
from which
a Pine, 20 in. dia. br., S. 48° W. 68 hrs. dist
to 36 " " " N. 45° E. 81 " "

79.98 Cor. to secs. 15, 16, 21 and 22.
Land broken E, level W. Some
good soil.
Grass.
Heavy Pine timber.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation $15^{\circ}49'$ East.

- 2.13 The overland road bds. S.W. and N.E.
- 16.84 A Pine, 31 in. dia.
- 17.20 do. 29 " "
- 17.80 do. 27 " "
- 20.80 do. 20 " "
- 30.00 Ascend W. slope of high hill, bds. E.
- 40.00 Set apart, 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 pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 74 sec. cor. from which
- A Pine, 31 in. dia. bds. S. 21° E. 124 lvs. dist.
- do. 36 " " " North, 62 " "
- Cor. on W. slope of high hill, bds. E.
- 80.00 Set apart, 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. 9, 10, 15 and 16. from which
- A Pine, 30 in. dia. bds. N. 20° W. 54 lvs. dist.
- do. 29 " " " N. 59° E. 58 " "
- do. 30 " " " S. 72° E. 148 " "
- do. 26 " " " S. 85° W. 113 " "
- Land level, then hilly. Grass. Soil poor. Heavy Pine timber.
- There is a little open park in center of sec. 15.

BOOK 381

Township 21 North Range 6 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

65.20 Ranch road b/s N. & S. and runs into the main overland road in sec. 15.

80.17 Interset N. and S. line 18 hrs. N. of cor. to secs. 10, 11, 14 and 15, from which cor. True $N. 89^{\circ} 52' W.$ On true line between secs. 10 & 15, var. $15^{\circ}49' E.$

10.04 A Pine 31 in. dia.

40.08 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ E. long, flat tined 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 whichA Pine, 30 in. dia. br. N. $19^{\circ} E.$ 61 hrs. dist.do. 30 " " " S. $10^{\circ} E.$ 139 " "

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

Sand rolling stony and poor.

Grass, Heavy Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains North, between Sections 9 and 10.

Variation $15^{\circ}49'$ East.

40.00 Set a post, marked $\frac{1}{4}$ 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 $\frac{1}{4}$ sec. cor.
from which

A Pine, 28 in. dia. br. West, 88 lbs. dist

do. 35 " " " S. 87° E. 91 " "

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

A Pine, 30 in. dia. br. N. 43° W. 133 lbs. dist

do. 31 " " " N. 71° E. 114 " "

do. 36 " " " S. 47° E. 83 " "

do. 29 " " " S. 10° W. 44 " "

Land broken, stony & poor.

Grass. Heavy Pine timber.

Township 21 North Range 381 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 32.00 Ranch road b/s. N. & S.
- 40.00 Set temporary cor.
- 80.12 Intersect N. & S. line 26 hrs. S. of cor.
to secs. 2, 3, 10 and 11. from which
cor. True
 $S. 89^{\circ}49' W.$
On true line between secs. 3 & 10.
var. $15^{\circ}49' E.$
- 40.06 Set a post, marked $\frac{1}{4}$ S. $1\frac{1}{2}$ ft long,
flattened $\frac{3}{4}$ in wide, $1\frac{1}{2}$ ft. in the ground,
two charred stakes and mild mound
of earth 2 ft. high, with pits $1\frac{1}{2}$ ft. deep,
 $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft wide, as per instructions
for $\frac{1}{4}$ sec. cor. from which
A Pine, 35 in. dia. br. N. $72^{\circ} W.$ 67 hrs. dist
do. 29 " " " S. $67^{\circ} E.$ 50 " "
- 80.12 Cor. to secs. 3, 4, 9 and 10.

Land rolling and broken.
Soil poor. Grass.

Heavy Pine timber.

Township

21 North

Range

6 East

Gila and Salt River

Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 28.00 Leave timber bro. N.W. $\frac{1}{2}$ S.E. and enter
W side of little park.
- 40.00 Set temporary cor.
- 45.00 Leave little park, enter timber bro.
E.W.
- 80.11 Intersect N. boundary 43 lvs. N. of
cor. to secs. 3 and 4. from which cor.
Dune
S. $0^{\circ}18'N$.
On true line between secs. 3 & 4.
var. $15^{\circ}49' E$.
- 40.11 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground,
dove 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 $\frac{1}{4}$ sec. cor. from which
A Pine 30 in. dia. br. N. $58^{\circ}W$. 419 lvs. dist.
do. 31 " " " N. $34^{\circ}E$. 209 " "
- 68.14 A Pine 39 in. dia.
- 80.11 Cor. to secs. 3, 4, 9 and 10.
Land brown then level. Some good
soil in center. Grass.
Considerable Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains North, between Sections 32 and 33.

Variation 15°49' East.

The line runs across the E. end of pine open park, br. W.

39.50 Leave open park, enter timber br. E. & W. and ascend to higher ground.

40.00 Set a post, 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 instructions for 14 sec. cor. from which

- A Pine, 45 in dia br, S. 19° E. 31 br. dia
- do. 27 " " " N. 65° E. 75 " "

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.

- 28, 29, 32 and 33. from which
- A Pine, 28 in dia br, N. 35° E. 31 br. dia
- do. 27 " " " S. 70° E. 63 " "
- do. 35 " " " S. 50° W. 53 " "
- do. 20 " " " N. 14° W. 149 " "

Land level, soil strata; then ascending N. rocky and poor. Grass. Much heavy timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

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

Variation 15°49' East.

40.00 Set temporary cor.
79.87 Intersect N. & S. line 33 hrs. N. of cor.
to secs. 27, 28, 33 and 34, from
which cor. Run
N. 89°46' W.

On true line between secs. 28 & 33.
var. 15°49' E.

39.93 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, 30 in. dia. tr., N. 46° E. 46 hrs. dist
do. 29 " " West, 96 " "

79.87 Cor. to secs. 28, 29, 32 and 33.

Land mostly level. Soil poor.

Grass. Heavy Pine timber.

wnship

21 North Range 6 East

BOOK 381

Gila & Salt River

Meridian.

Chains

North, between Sections 28 and 29.

Variation 15°49' East.

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

- A Pine, 30 in. dia. br., N. 51° E. 16 lns. dist.
- do. 28 " " " S. 41° W. 35 " "

68.04 A Pine 24 in. dia.

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.

- 20, 21, 28 and 29, from which
- A Pine, 30 in. dia. br., N. 15° W. 9 lns. dist.
- do. 27 " " " S. 17° W. 62 " "
- do. 28 " " " S. 27 1/2° E. 52 " "
- do. 25 " " " N. 52 1/2° E. 33 " "

Land rolling, stony and poor.

Grass. Heavy Pine timber.

Township 21 North Range 6 East
Gila and Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary cor.
 80.06 Intersect N. & S. line 16 hrs. N. of
 cor. to secs. 21, 22, 27 and 28. from
 which cor. run
 $N. 89^{\circ}53' W.$
 On true line between secs. 21 & 28.
 var. $15^{\circ}49' E.$
- 40.03 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
 a Pine, 38 in. dia. br. S. $67^{\circ} W.$ 15 hrs. dist
 do. 36 " " " N. $72^{\circ} W.$ 39 " "
- 80.06 Cor. to secs. 20, 21, 28 and 29.

Land broken then hilly. Soil
 poor.

Grass.

Heavy Pine timber.

Township 21 North Range 6 East
Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation $15^{\circ}49'$ East.

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 74 sec. cor.
from which

A Pine, 74 in. dia. br., N. 83° E. 41 lns. dist.

do. 30 " " " N. 74° W. 59 " "

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.
16, 17, 20 and 21, from which

A Pine, 37 in. dia. br., N. 72° W. 72 lns. dist.

do. 36 " " " S. 54° W. 116 " "

do. 38 " " " N. $0\frac{1}{2}^{\circ}$ E. 192 " "

do. 29 " " " S. $29\frac{1}{2}^{\circ}$ E. 286 " "

Land rolling.

Soil stony and poor.

Grass.

Heavy Pine timber, but opens out
some at sec. cor.

Township 21 North Range East
 Gila Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary cor.
 43.00 Enter little opening br. E. & S.W.
 51.54 The overland road br. N.W. & S.E.
 66.00 do. do. again, br. N. of E.
 80.05 Intersect N. & S. line 16 hrs. S. of
 cor. to Secs. 15, 16, 21 and 22,
 from which cor. run
 $S. 89^{\circ}53' W.$
 Outline line between Secs. 16 & 21.
 var. $15^{\circ}49' E.$
 40.02 Set a post, marked $\frac{1}{4}$ S. of ft. long, flat-
 tened 3 in. wide, 1 ft. in the ground, and
 build mound of stone 8 ft. high, as per
 instructions for 14 sec. cor. from which
 A Pine, 25 in. dia. br. S. $8^{\circ} E.$ 6 hrs. dist.
 do. 26 " " " N. $18^{\circ} E.$ 80 " "
 66.50 A Pine 29 in. dia.
 80.05 Cont. to Secs. 16, 17, 20 and 21.

Land level. Soil stony & poor.
 Some heavy pine timber, but open
 on E. and W. ends.

September 28, 1878.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains North, between Sections 16 and 17.

Variation 15°49' East.

- 25.00 Leave timber brs. S. of E. and enter opening brs. S. E. and N. W.
- 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 mound 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 brs. N. 21° E. 250 lbs. dist
do. 34 " " " N. 2° W. 300 " "
- 43.00 Leave opening, enter timber brs. E. & W.
- 50.74 A Pine 34 in dia.
- 60.55 The overland road brs. N. W. and S. E.
- 78.00 Ascend N. slope of high mesa, brs. W. of N. and S. E.
- 80.00 Set a post, marked & notched, 4 ft long, 3 in sq. d. 1 ft in the ground, and build mound of stakes 2 ft high, as per instructions for cor. to secs. 8, 9, 16, and 17, from which a Pine, 26 in dia brs. S. 19° E. 247 lbs. dist
do. 20 " " " S. 63° W. 27 " "
do. 24 " " " N. 60° W. 45 " "
do. 31 " " " N. 41° E. 142 " "

Land level then broken. Soil mostly poor. Grass. Heavy Pine timber on the S. and N. open in center.

Township 21 North Range 6 East

Gila Salt River

Meridian:

Chains

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

Variation $15^{\circ}49'$ East.

Ascending E.

3.50 Top, and run on high mesa, br. NW. & SE.

40.00 Set temporary cor.

79.97 Intersect N. & S. line 11 lns. S. of cor.
to secs. 9, 10, 15 and 16. from which
cor. run
 $S. 89^{\circ}55' W.$ On true line between secs. 9 & 16.
var $15^{\circ}49' E.$

17.83 A Pine, 30 in. dia.

18.06 do. 24 " "

18.11 do. 25 " "

39.98 Set apart marked 1/4 S. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground,
dove 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 whichA Pine, 25 in. dia. br. S. $14^{\circ} W.$ 22 lns. dist.do. 24 " " " N. $34^{\circ} W.$ 49 " "

44.32 A Pine 28 in. dia.

79.97 Cor. to Secs. 8, 9, 16, and 17.

Land mostly level. Soil stony & poor.
Grass. Heavy Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation $15^{\circ}49'$ East.

Line runs along the broken N. slope of mesa.

35.63 A Pine 29 in. dia.

40.00 Set a post, marked 14 S. 4 ft. long, flattened 3 in wide, 1 ft in the ground. Drive a corner stake and build mound of earth 2 ft. high, with pit 1 ft. deep, 2 ft. long. (As per instructions for 4 sec. cor. from which a Pine, 36 in. dia. br. N. 78° W. 66 lbs. dist.do. 40 " " " S. 61° E. 67 " "

And descend to lower ground, the mesa turning to NE.

41.48 A Pine 31 in. dia.

50.00 Ascend to rolling ground.

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. s. 4, 5, 8 and 9. from which

A Pine, 20 in. dia. br. N. 31° W. 25 lbs. dist.do. 24 " " " S. 69° W. 33 " "do. 23 " " " S. 9° E. 50 " "do. 24 " " " N. 72° E. 61 " "

Land broken and uneven. Soil stony and poor. Grass. Heavy Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary cor.
 79.80 Intersect N. & S. line 59 lns. S. of
 cor. to secs. 3, 4, 9 and 10, from
 which cor. I run
 $S. 89^{\circ}35' W.$
 Out true line between secs. 4 & 9,
 var. $15^{\circ}49' E.$
- 39.90 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 44 sec. cor.,
 from which
 a Pine, 140 in. dia. br., West 18 lns. dist.
 do. 40 " " " N. $81^{\circ} E. 55$ " "
- 71.19 A Pine 28 in. dia.
 79.80 Cor. to secs. 4, 5, 8 and 9.

Land mostly level.

Soil stony & poor.

Grass.

Heavy Pine timber.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

80.04 Intersect N. boundary 10 lns. N.
of cor. to secs. 4 and 5, from which
cor. I run
S. $0^{\circ}4'W$.On true line between secs. 4 & 5.
var. $15^{\circ}49'E$

30.91 A Pine 36 in. dia.

40.04 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 $1/4$ sec.
cor. from whichA Pine, 36 in. dia. b. N. $45^{\circ}E$, 36 lns. dist.do. 22 " " " S. $60^{\circ}W$, 57 " "

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

Land broken. Soil poor.

Grass.

Heavy Pine timber

Township

21 North

Range

6 East

Gila and Salt River Meridian.

Chains

North, between Sections 31 and 32.

Variation $15^{\circ}49'$ East.

Line crosses center of fine open park
brs. E. & W.

- 40.00 Set a post, marked 14 S. 4 ft long, flat-
tened 3 in. wide, 1 ft. in the ground,
drill charred 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 14 sec. cor. No trees near.
From this cor. Roger's House brs.
S. $66^{\circ}10' W.$
- 65.00 Leave open park, enter timber brs. E,
and N. W., and enter higher & stony ground.
- 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. 29, 30, 31 & 32, from which
a Pine, 33 in. dia. brs. S. $26\frac{1}{2}^{\circ} E.$ 61 brs. dist
do. 36 " " " S. $14^{\circ} W.$ 152 " "
do. 2d " " " N. $79^{\circ} W.$ 148 " "
do. 37 " " " N. $41^{\circ} E.$ 202 " "
- Land level. Soil 1st rate; then
ascending N., and poor.
Grass. Some heavy Pine timber on
N. end.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

East, on a random line between Sections 29 and 32.

Variation $15^{\circ}49'$ East.40.00 Set temporary $\frac{1}{4}$ sec. cor.80.08 Intersect N. and S. line 13 lvs. N.
of cor. to secs. 28, 29, 32 and 33,
from which cor. Run
 $N. 89^{\circ}54' W.$ On true line between sec. 29 & 32,
var. $15^{\circ}49' E.$

13.85 A Pine 30 in. dia.

40.04 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 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, 33 in. dia. br. S. $31^{\circ} W.$ 23 lvs. dist.
do. 28 " " North 73 " "

80.08 Cor. to Secs. 29, 30, 31 and 32.

Sand broken, Soil poor.

Grass. Heavy Pine timber.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains

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

Variation

15°49'

East.

44.00 Leave timber brs. N.W. $\frac{1}{4}$ S. E., and run
cross long narrow arm of open park brs. N.W.

40.00 Set temporary cor.

58.00 Enter timber brs. N.W. $\frac{1}{4}$ S. E.

79.91 Intersect N. boundary 12 hrs. S. of
cor. to secs. 30 & 31, from which
cor. I run
S. 89°55' E.

On true line between secs. 30 & 31.
var. 15°49' E.

39.91 Set post, marked 14 S. 4 ft long, flat-
tened 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 14 sec. cor.

No trees near.

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

Land mostly level. Soil good and
poor. Grass.

Some heavy Pine timber.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains North, between Sections 29 and 30.

Variation 15° 49' East.

40.00 Set a post, marked 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, 23 in. dia. br. N. 59° E. 48 l. and dist.

do. 30 " " " S. 30° W. 100 " "

52.00 Ascend high hill br. N. + N. E.

80.00 Set a post, marked & 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. 19, 20, 29 and 30, from which

A Pine, 26 in. dia. br. N. 15° W. 8 l. and dist.

do. 28 " " " S. 38° W. 48 " "

do. 29 " " " S. 51° E. 57 " "

do. 20 " " " N. 3 1/2° E. 122 " "

Cor. on N. slope of high hill.

Land broken. Soil mostly poor.

Grass.

Many Pine timber.

Township

21 North

Range

6 East

Gila & Salt River

Meridian.

Chains

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

Variation

15° 49'

East.

Ascending high hill to E.

3.00 Top of hill, b.s. N. & S. and descend.

22.00 Foot of hill.

40.00 Set temporary cor.

80.13 Intersect N. & S. line 21 hrs. S. of
cor. to secs. 20, 21, 28 and 29,
from which cor. I run
S. 89° 51' W.

Continue line between secs. 20 & 29.

var. 15° 49' E.

40.06 Set a post, marked 14 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 instruc-
tions, for 14 sec. cor. from which
a line 20 in. dia. b.s. N. 35° E. 38 hrs. dist
do. 31 " " " N. 40° W. 84 " "

80.13 Cor. to Secs. 19, 20, 29 & 30.

Sand broken Soil poor.

Grass.

Heavy Pine timber.

Township 21 North Range 6 East

Gila and Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

Descending W.

40.00 Set temporary cor., and run on level ground.

79.88 Intersect W. boundary 17 lns. N. of cor. to Secs. 19 and 30, from which cor. Run $N. 89^{\circ} 53' E.$

Outline line between Secs. 19 & 30.

var. $15^{\circ}49' E.$ 39.88 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 $1/4$ sec. cor. from whicha Pine, 30 in. dia. br. $N. 84^{\circ} E.$ 11 lns. dist.do. 28 " " " $N. 34^{\circ} W. 34$ " "

79.88 Cor to Secs. 19, 20, 29 & 30.

Land descending W., then level. Some good soil.

Grass, Heavy Pine timber.

Township 21 North Range 6 E.

Gala & Salt River

Meridian.

Chains

North, between Sections 19 and 20.

Variation

15° 49'

East.

Descending N.

40.00

Set a post, marked 74 S. 4 ft long, flat
tapered 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, 20 in. dia. br. S. 67° E. 69 lbs. dist.

do. 24 " " " N. 50° W. 94 " "

And run on level ground.

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. 17, 18, 19 and 20. from which

A Pine, 35 in. dia. br. N. 30° W. 48 lbs. dist.

do. 34 " " " N. 70° E. 57 " "

do. 37 " " " S. 8 1/2° W. 213 " "

do. 20 " " " S. 20° E. 266 " "

Land broken then level. Soil poor
then good.

Grass.

Heavy Pine Timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

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

Variation 15°49' East.

40.00 Set temporary cor.

79.81 Intersect N. & S. line 27 lvs. N. of cor. to secs. 16, 17, 20 & 21, from which cor. In run N. 89°48' W.

On true line between secs. 17 & 20. var. 15°49' E.

39.90 Set a post, marked 74 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 74 sec. cor. from which

A Pine, 25 in dia. brs, N. 78° E. 51 lvs. dist do 74 " " " S. 58° W. 78 " "

79.81 Co. to secs. 17, 18, 19 and 20.

Land level, Soil poor & stony.

Grass, Heavy Pine timber.

Township 21 North Range 6 East
Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}49'$ East.

- 40.00 Set temporary cor.
 79.89 Intersect N. boundary 16 hrs. of
 cor. to secs. 18 & 19, from which
 cor. from
 $S. 89^{\circ}53' E.$
 Outline line between secs. 18 & 19
 var. $15^{\circ}49' E.$
- 39.89 Set apart, marked 14 S. 24 ft. long,
 flattened 3 in. wide, 1 ft. in the
 ground, drive charred stake and
 build mound a feather 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, 24 in. dia. br. N. $63^{\circ} W.$ 37 hrs. dist.
 do. 34 " " " S. $31^{\circ} W.$ 75 " "
- 79.89 Cor. to secs. 17, 18, 19 and 20.

Land level E, broken W.
 Soil mostly poor.

Grass, Heavy Pine timber.
 There is a little opening in S. E.
 1/4 of sec. 18.

Township 21 North Range 6 East

Gila & Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 15°49' East.

40.00 Set a post, marked '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 '4 sec. cor.
from which

A Pine, 36 in. dia. br. S. 29° E. 33 lbs. dist.
do. 41 " " " N. 75° W. 95 " "

55.76 The overland road br. N. W. & S. E.

80.00 Set a post, marked & 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. 7,
8, 17 and 18. from which

A Pine, 30 in. dia. br. N. 58° W. 70 lbs. dist.
do. 33 " " " S. 38° W. 104 " "
do. 29 " " " S. 82½° E. 73 " "
do. 29 " " " N. 54° E. 140 " "

Land broken N. level S.
Soil stony and poor.
Grass. Many Pine timber.

Township 21 North Range 6 East

Gila & Salt River Meridian.

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

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

80.07 Intersect N. & S. line 20 hrs. S. of cor. to secs. 8, 9, 16 and 17, from which cor. Draw

 $S. 89^{\circ}51' W.$ On true line between secs. 8 & 17
var. $15^{\circ}49' E.$ 40.03 Set a post, marked "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 per instructions for 74 sec. cor. from which a Pine, 35 in. dia. br. S. $35^{\circ} W.$ 2 hrs. dist
do. 32 " " " N. $67^{\circ} E.$ 49 " "

61.75 A Pine, 30 in. dia.

62.22 do. 31 " "

62.38 do. 34 " "

80.07 Cor. to secs. 7, 8, 17 and 18.

Land level. Soil stony and poor.
Grass. Heavy Pine timber.

Township 21 North Range 6 East
Gila & Salt River Meridian.

Chains

West on a random line between Sections 7 and 18.

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

53.50 The overland road b^s N. W. & S. E.79.98 Intersect N. boundary 14 hrs. S. of
cor. to secs. 7 and 18. from which
cor. true
S. $89^{\circ}54'$ E.

true line between secs. 7 & 18.

var. $15^{\circ}49'$ E.39.98 Set apart, marked 74 S. 4 ft long,
flattened 5 in wide, 1 ft in the
ground, and build mound of
stone 2 ft high, as per instructions
for 74 sec. cor. from which
A Pine, 33 in. dia. b^s, S. 83° E. 18 hrs. dist.
do. 24 " " " N. 46° W. 80 " "

42.82 A Pine 39 in. dia.

79.98 Cor. to secs. 7, 8, 17 and 18.

Land broken. Soil poor.
Grass.

Heavy Pine timber.

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 Township 21 North Range 6 East
 Gila & Salt River Meridian.

Chains North, between Sections 7 and 8.

Variation $15^{\circ}49'$ East.

40.00 Set a post, marked $\frac{1}{4}$ 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 $\frac{1}{4}$ sec. cor. from which

A Pine, 27 in dia. br. East 18 lns. dist

do. 24 " " " S. 73° W. 36 " "

80.00 Set a post, 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. 5, 6, 7 and 8 from which

A Pine, 29 in dia. br. N. 71° W. 39 lns. dist

do. 27 " " " N. 17° E 41 " "

do. 24 " " " S. 83° E. 65 " "

do. 23 " " " S. 50° W. 171 " "

Land broken and ascending N.
 Soil poor.

Grass.

Heavy Pine timber.

Township 21 North Range 6 East

Gla & Salt River Meridian.

Chains East, on a random line between Sections 5 and 8.
Variation 15°49' East.

40.00 Set temporary cor.
79.88 Intersect N. & S. line 19 lvs. S. a few
to secs. 4, 5, 8 and 9, from which
cor. Draw
S. 89° 52' W.
On true line between secs. 5 & 8,
var. 15°49' E

39.94 Set a post, marked 44 S. 4 ft long, flat
tined 3 in wide, 1 ft in the ground, drive
charred stake and build mound of
earth 2 ft high, south pit 1 ft deep 2 ft
long, 1 ft wide, no further instructions for
44 sec. cor. from which
A Pine, 24 in dia. 60, N. 5° W. 12 lvs. dist.
do. 24 " " " S. 9° E. 42 " "

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

Land level. Soil stony and poor.
Grass. Heavy Pine timber.

September 30, 1878.

Township 21 North Range 6 East
Gila & Salt River Meridian.

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

Variation 15° 49' East.

40.00 Set temporary cor. and leave timber brs. N.W. & S.E., and enter long point of open park brs. S.E. and N.W.

79.80 Intersect N. boundary 29 chs. N. of cor. to secs. 6 & 7, from which cor. Iron
 N. 89° 48' E.

On true line between secs. 6 & 7
 var. 15° 49' E.

39.80 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 which

A Pine, 38 in. dia. brs. N. 44° W. 170 chs. dist.

do. 40 " " " S. 80° E. 133 " "

79.80 Cor. to secs. 5, 6, 7 and 8.

Land level. Some good soil.
 Grass. Heavy Pine timber on the E. half. N. half open.

Township 21 North Range 6 East

Gila and Salt River Meridian.

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

Variation $15^{\circ}49'$ East.

40.00 Set temporary cor.

80.18 Intersect N. boundary 7/16 mi. N. of cor.
to secs. 5 & 6, from which cor. Run
 $S. 0^{\circ}3' W.$

On true line between secs. 5 & 6.
var. $15^{\circ}49' E.$

40.18 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 which

A Pine, 28 in diam., N. $67^{\circ} E.$ 26 larch
do. 74 " " S. $13^{\circ} W.$ 12 " "

80.18 Cor. to secs. 5, 6, 7 and 8.

Land broken.

Soil poor.

Grass.

Heavy Pine timber.

October 1, 1878.

GENERAL DESCRIPTION.

Except in the extreme S. W. portion and in its quite frequent little open parks, Township 21 N. range 6 E. present a generally broken and rough surface.

On its entire surface however, grass grows luxuriantly. Nearly the whole of secs. 31 and 32 is occupied by a beautiful open park, with rich moist soil, level as a floor and bordered with compact pine timber. There is another equally pretty park, ^{but much smaller} lying mostly in the S. W. 1/4 of sec. 25, with rich soil, but within my knowledge waterless. There are several other very small parks in the township as clearly outlined in the timber as a picture in a frame.

There is otherwise a compact body of pine timber throughout the entire township. The trees stand close, of considerable size and height, clear and straight, and of great commercial value.

The land is wholly non-mineral.

The lines were blazed and line trees notched in accordance with instructions.

John H. Harris
U.S. Dep. Surveyor.

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List of Names.

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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 Lines of
Township 21 N. Range 6
East of the Gila and
Salt River Meridian

Showing the respective capacities in which they
acted.

Richard Shrope Chainman.

N. Van Alstine Chainman,

H. Suastegui }
Frank Carpenter } Axeman.

Wm. Amos Kold Flagman.

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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 6 E. of the 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 Shreve Chainman.

N. Vance ~~Chainman~~ Chainman,

W. Swarzenig Axeman
Frank Carpenter Axeman.

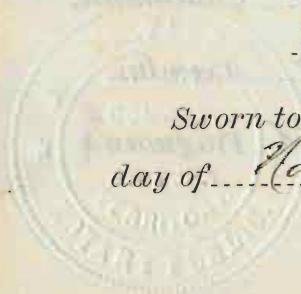
Wm. Angus ^{his} ~~name~~ *Kalb* Flagman.

D B Dodson Pitman

Sworn to and subscribed before me, this *13th*

day of *November* 18*78*

John R. Farrell
Notary Public.



Final Oath of Deputy Surveyor.

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

1878. 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 6
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 corner 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



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BOOK 381

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 6 East,

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by John L. Harris,

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.