

A. E. Shoemaker Deputy Surveyor.

T. 8 North R. 27 East,

Gila and Salt River Meridian.

No. 53

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 8 N, Range 27 E,

Gila and Salt River Meridian

BY

A. E. Shoemaker, Deputy Surveyor.

Under his Contract of Aug 5, 1882.

Survey Commenced Sept. 3, 1883,

Survey Completed Sept. 11, 1883,

No. 53

Platted,
Copied for Washington,
Copied for Register,

53

Inducted

A. E. Shoemaker, Deputy Surveyor.

T. *S North*, **R.** *27 East*,

Gila and Salt River Meridian.

No-53

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1A

Township 8 North Range 27 East

Gila and Salt River Meridian.

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.

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Township.....Range.....

Meridian.

*For preliminary oaths and
description of instrument, see
Book N^o 1.*

13 Township

S North, Range 27 East,

(See previous page)

BOOK 53

Gila and Salt River

Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary,

which is a Lava stone, 16 x 10 x 6 ins., set 11 ins. in the ground, marked with notch on E. & 5 notches on W. edges, with mound of stone alongside from which
A Pine, 14 ins. dia., N. 5 1/2° E., 40 lks. dist., marked T. S. N. R. 27 E. S. 36 13. T.
A Pine, 8 ins. dia., S. 17° 34 lks. dist., marked T. S. N. R. 27 E. S. 2 13. T.
Over rolling land. Town N. bet Secs 35 & 36

38.00

Cross Creek, 1/2 lks. wide, Course N.E. Va 14° 29' E

140.00

Set a Malapai stone 10 x 8 x 6 ins., 7 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone. alongside. Pits

45.00

impracticable. Ascend. gradually,

80.00

Set a Malapai stone 15 x 12 x 10 ins. 10 ins. in the ground for Cor. to Secs. 25-26-35-36 marked with notch on S. and notch on E. edges and raised a mound of stone. alongside Pits impracticable.

Land rolling.

Soil 2" rate.

Timber of Pine, Fir, Hemlock & Aspen,
Vegetation, Grass.

Township 8 North Range 27 East

Gila and Salt River Meridian.

BOOK 53

Chains	East, on a random line between Sections 25 and 36.
	Variation <u>14° 29'</u> East.
	Over rolling land.
20.00	Cross Creek, <u>2 1/2</u> lks. wide, Course <u>North</u> and ascend.
25.00	Top of <u>Canyon</u> , course <u>North</u> .
79.71	Intersect <u>C.B. of Tp. 9</u> lks. <u>N.</u> of cor. to secs previously set by me.
	<u>25-30-31-36</u> from which corner, I run
	<u>71.89° 56' 17"</u> on a true line, between sections <u>25-36</u> .
	Variation <u>14° 29'</u> East.
39.86	Set a <u>Malapai</u> stone <u>18 x 12 x 10</u> ins., <u>12</u> ins. in the ground, for <u>1/2</u> Sec. Cor., marked <u>1/2</u> on <u>N.</u> face, and raised a mound of stone. alongside. Pits impracticable.
79.71	The corner to sections <u>25-26-35-36</u> .
	Land <u>rolling and mountainous</u> .
	Soil <u>2" & 3" rate</u> .
	Timber of <u>Pine, Fir, Aspen & Hemlock</u> ,
	Vegetation, <u>Grass</u> .

Township

Range

Gila and Salt River

Meridian.

BOOK 53

Chains

North, between Sections 25 and 26.

Variation

14° 29'

East.

Over broken land.

15.00

Descend.

30.00

Cross Little Colorado River, runs N.W. and ascend.

40.00

Set a Malapai' stone 18x12x6 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

50.00

Descend.

55.00

Cross Creek, 35 lks. wide, Course N.E., & ascend.

60.00

Top of ascent, and over broken land.

80.00

Set a Malapai' stone 18x12x10 ins. 12 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notch on S. and 1 notch on E. edges and raised a mound of stone alongside Pits impracticable.

Land mountainous

Soil 2" & 3" rate.

Timber of Pine, Fir & Hemlock,
Vegetation, Grass.

Township

8 N.

Range

27 E.

BOOK 53

Gila and Salt River Meridian.

Chains

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

Variation

114° 29' East.

Descend.

25.00 across Little Colorado River, 120 yds. wide, Course
N. E. and ascend.

30.00 ~~to~~ Descend,

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

79.43 Intersect C. B. of Tp. 21 yds. S. of cor. to secs.

previously set by me.
19-21-25-30 from which corner, I run

S. 89° 51' W, on a true line, between sections 24 - 25,

Variation 114° 29' East.

39.97 Set a Malapai stone 12 x 10 x 8 ins., 8
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N
face, and raised a mound of stone. alongside. Pits
impracticable.

79.93 The corner to sections 23 - 24 - 25 - 26.

Land mountainous

Soil 1" & 2" rate.

Timber of Pine, Fir and Hemlock.

Vegetation, Grass.

Township

S N.

Range

27 E.

BOOK 53

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 29'

East.

Over rolling land.

25.00

Cross Creek, 30 lks. wide, Course S. E.

40.00

Set a Malapai stone 10 x 10 x 6 ins., 7 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

45.00

Enter Timber, Bears. E. & W.

80.00

Set a Malapai stone 12 x 12 x 4 ins. 8 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S. and 1 notch on E. edges and raised a mound of stone. alongside, Pits impracticable.

Land mountainous and rolling.

Soil 1" & 2" rate.

Timber of Pine, Fir & Hemlock,
Vegetation, Grass.

Township

8 N,

Range

27 E,

6

BOOK 53

Gila and Salt River Meridian.

Chains

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

Variation

14° 29' East.

*Over rolling land.*40.00 Set temporary $\frac{1}{2}$ sec. cor.80.15 Intersect C.B. of Tp. 31 $\frac{1}{2}$ m. North of cor. to secs.13-18-19-24, ^{previously set by me.} from which corner, I run

N. 89° 44' 17" on a true line, between sections 13-24.

Variation 14° 29' East.

40.08 Set a Malapai stone 18 x 10 x 6 ins., 12

ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N

face, and raised a mound of stone alongside. Pits

impracticable.

80.15 The corner to sections 13-14-23-24,

Land rolling.

Soil 2' rate

Vegetation, Grass.

Township

S N.

Range

278,

BOOK 53

Gila and Salt River

Meridian.

Chains

North, between Sections 13 and 14.

Variation

14° 29'

East.

Over rolling land.

40.00

Set a Malapai stone $12 \times 10 \times 8$ ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone. alongside. Pits impracticable. and ascend.

78.00

Top of Hill bears E. & W. and descend.

80.00

Set a Malapai stone $12 \times 12 \times 6$ ins. 8 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with notches on S. and 1 notch on E. edges and raised a mound of stone. alongside, Pits impracticable.

Land mountainous

Soil 2" & 3" rate.

Timber of Pine & Fir.

Vegetation, Grass.

Township

8 N.

Range

27 E.

8

BOOK 58

Gila and Salt River Meridian.

Chains

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

Variation

14° 29'

East.

Descend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.79.84 Intersect C. B. of Tp. 12 Tks. N. of cor. to secs.
previously set by me.

7-12-13-18 ^ from which corner, I run

77.89° 53' N. on a true line, between sections 12-13.

Variation 14° 29' East.

39.95 Set a 'Malapai' stone 18 x 12 x 10 ins., 12
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N
face, and raised a mound of stone. alongside. Pits
impracticable.

79.89 The corner to sections 11-12-13-14.

Land rolling.

Soil 2" & 3' rate

Vegetation, Grass.

Sept. 3, 1883.

Township *8 N,* Range *27 E,*

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 29'

East.

Descend.

40.00

Set a *Malapai* stone *12 x 12 x 10 ins., 8*
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.
face, and raised a mound of stone. alongside. Pits
impracticable.

52.30

Cross Road, bears, *E. and W.*

75.50

Cross low Sag and ascend.

80.00

Set a *Malapai* stone *18 x 15 x 8 ins., 2 ins. in*
the ground for Cor. to Secs. - 2 - 11 - 12 marked
with Notches on S. and 1 notch on E. edges and
raised a mound of stone. alongside, Pits impracticable.

Land rolling.

Soil *2" 9 3" rate*

Vegetation, *Grass.*

Township

8 N,

Range

27 E,

10

Gila and Salt River

Meridian.

Chains

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

Variation

14° 29'

East.

Over rolling land.

7.00

Cross low Sag and ascend.

40.00

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

50.08

Intersect C. B. of Tp. 19 Tks. S, of cor. to secs.

1-6-7-12, ^{previously set by me.} from which corner, I run

S. 89° 52' N on a true line, between sections 1-12,

Variation 14° 29' East.

40.04

Set a Malapai stone 12 x 10 x 8 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, and raised a mound of stone. alongside. Pits impracticable.

50.08

The corner to sections 1-2-11-12.

Land rolling.

Soil 2" & 3" rate

Vegetation, Grass.

Township

8 N,

Range

27 E,

BOOK 53

Gila and Salt River

Meridian.

Chains

North, on a ^{true} random line between Sections 1 and 2.

Variation

14° 29'

East.

Over rolling land.

10.00

Top of Ridge, bears N.E. & S.W. and descend.

25.00

Foot of Ridge.

40.00

Set a Malapa^l stone 12 x 10 x 4 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

78.63

Intersect the 2nd Standard Parallel North at a point 14.55 chs. West of the Standard Cor. to on Secs. 34 of and Sec. 35 T. 9 N, R. 27 E, which is a Basalt stone, 7 x 8 x 3 ins, set 11 inches in the ground marked $\frac{1}{4}$ on N. face and with mound of stone alongside, and at point of intersection,

Set a post, 4 feet long, 4 ins. square, 12 ins. in the ground, for Closing Cor. to Secs. 1 and 2, marked C.C. T. 8 N. R. 27 E on S., S. 1 on E. and S. 2 on W. faces, with 1 notch on E. and 5 notches on W. faces, and raised a mound of stone 2 ft. high, 4 $\frac{1}{2}$ ft. base around post. Pits impracticable. Land mountainous.

Soil 2" 73" rate

Vegetation, Grass.

Chains

From the corner to sections, 2-3-34-35, on S. B. of Sp.,
which is a Lava stone, 16x9x8 ins. Set
11 ins. in the ground, marked with 2 notches
on E. and 4 notches on W. edges, with
mound of stone alongside,

from which bears
A Pine, 36 ins. dia., S. 30° W., 5 lks. dist,
marked T. 7 N. R. 27 E. S. 3 B. T., 1 mi
North between sections 34-35.

Variation 14° 29' East.

Descend.

12.00
40.00

Top of *Continued descent*
Set a *Malapai* stone 12x10x4 ins., 8

ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W.
face, and raised a mound of stone. alongside. Pits
impracticable.

45.00
80.00

Cross Creek, 40 lks. wide, Course N. E. and ascend.
Set a *Malapai* stone 8x16x6 ins. 12 ins. in

the ground for Cor. to Secs. 26-27-34-35 marked
with 1 notch on S. and 2 notches on E. edges and
raised a mound of stone. alongside, Pits impracticable.

A Pine 18 ins. diam. bears N. 10° E. 30 lks. dist.
marked T. 8 N., R. 27 E., S., 26 B. T.

No other tree within limits.

Land mountainous

Soil 1" 9 2" rate.

Timber of *Pine, Fir and Aspen.*

Vegetation, *Grass.*

Township

8 N,

Range

27 E,

BOOK 53

Gila and Salt River

Meridian.

Chains

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

Variation

114° 29'

East.

Over broken land.

25.00 Cross Creek, 35 lks. wide, Course N. and ascend.

32.00 Top of Continue ascent.

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

60.00 Top of Ridge, bears N. & S. and descend,

80.19 Intersect N. & S. line, 16 lks. N. of cor. to secs.

25-26-35-36 from which corner, I run

N. 89° 53' W. on a true line between sections 26-35,

Variation 114° 29' East.

40.10 Set a Malapai stone 20 x 18 x 10 ins., 15
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

80.19 The corner to sections 26-27-34-35,

Land mountainous

Soil 2" & 3" rate.

Timber of Pine, Fir and Hemlock,
Vegetation, Grass.

Township S. 7. Range 27 E.
 BOOK 58 Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation

14° 29'

East.

Over broken land.

40.00

Set a *Malapai* stone 18x12x10 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone. alongside. Pits impracticable.

80.00

Set a *Malapai* stone 15x12x4 ins., 10 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with notches on S. and notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 36 ins. diam. bears S. 56°, 8 fks. dist. marked T. S. 7, R. 27 E., S. 26 B. T.

No other tree within limits.

Land mountainous

Soil 2" 23" rate.

Timber of Pine, Fir and Hemlock,
 Vegetation, Grass.

Township

8 N,

Range

27 E,

BOOK 53

Gila and Salt River

Meridian.

Chains

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

Variation

14° 29'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{2}$ sec. cor.

7988 Intersect N. & S. line, 25 lks. S. of cor. to secs.

23-24-25-26 from which corner, I run

S. 89° 49' W. on a true line between sections 23-26.

Variation 14° 29' East.

39.94 Set a 'Malapai' stone 18 x 12 x 6 ins., 12
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face and raised a mound of stone alongside. Pits
impracticable.

7988 The corner to sections 22-23-26-27.

*Land rolling.**Soil 2" & 3" rate.**Timber of Pine, Fir, Hemlock & Aspen.**Vegetation, Grass.*

Township

8 N.

Range

27 E.

16

BOOK

58

Gila and Salt River

Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 29'

East.

Over broken land.

46.00

Set a Malapai stone 10 x 10 x 6 ins., 7 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W. face, and raised a mound of stone. alongside. Pits impracticable.

70.00

Cross Creek, 30 lks. wide, Course N. E., and ascend.

80.00

Set a Malapai's stone 2 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. and 2 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

Land mountainous

Soil 1" & 2" rate.

Timber of Pine, Fir and Cedar.
Vegetation, Grass.

Township

S. N.

Range

27 E.

Gila and Salt River

Meridian.

BOOK 53

Chains

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

Variation

14° 29'

East.

Over rolling land.

20.00

Leave Timber, Bears.

N. W. and S. E.

40.00

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

80.10

Intersect N. & S. line, 16 lks. S. of cor. to secs.

13-14-23-24 from which corner, I run

S. 89° 53' W. on a true line between sections 14-23.

Variation 14° 29' East.

40.05

Set a Malapoi stone $2\frac{1}{2} \times 18 \times 8$ ins., 18 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, and raised a mound of stone alongside. Pits impracticable.

80.10

The corner to sections 14-15-22-23,

Land rolling.

Soil

2'

rate.

Timber of

Pine, Fir and Cedar.

Vegetation, Grass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Sept. 14, 1883.

Township

8 N,

Range

27 E,

18

BOOK 53

Gila and Salt River

Meridian.

Chains

North, between Sections 14 and 15.

Variation

114° 29'

East.

Over rolling land.

20.00

Enter Timber, Bears.

E. and W.

40.00

Set a Malapai stone $18 \frac{1}{2} \times 16 \times 8$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone. alongside. Pits impracticable.

80.00

Set a Malapai stone $18 \times 12 \times 10$ ins., 12 ins. in the ground for Cor. to Secs. 10-11-14-1. Marked with 4 notches on S. and 2 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

Land rolling.

Soil

2"

rate.

Timber of

Pine, Fir and Cedar.

Vegetation, Grass.

Township

S N,

Range

27 E.

BOOK

53

Gila and Salt River

Meridian.

Chains

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

Variation

14°29'

East.

Ascend.

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

45.00 Top of Hill bears N. & S. and descend.

80.06 Intersect N. & S. line, 13 *1/2* kcs South of cor. to secs.

11-12-13-14 from which corner, I run

S. 89° 54' W. on a true line between sections 11-14.

Variation 14°29' East.

140.03 Set a *Malapui* stone 12 x 10 x 6 ins., 8
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N
face, and raised a mound of stone. alongside. Pits
impracticable.

80.06 The corner to sections 10-11-14-15,

Land mountainous

Soil 2" rate.

Timber of Pine and Fir.

Vegetation, Grass.

Township S 7. N. Range 27 E.

20

BOOK 153

Gila and Salt River

Meridian.

Chains

North, between Sections 10 and 11.

Variation

14° 29'

East.

*Over rolling land.*25.00Cross Road, bears, N. E. and S. W.40.00

Set a Malapai stone 18 x 10 x 4 ins., 12
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, and raised a mound of stone. alongside. Pits
impracticable.

80.00

Set a Malapai stone 22 x 10 x 4 ins. 8 ins. in
 the ground for Cor. to Secs. 2-3-10-11 marked
 with Notches on S. and 2 notches on E. edges and
 raised a mound of stone. alongside. Pits *impracticable.*

*Land rolling.*Soil 1" & 2" rateVegetation, Grass.

Township *8 N,* Range *27 E,*

BOOK 58

Gila and Salt River Meridian.

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

Variation *14° 29'* East.

Over rolling land.

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

So. 21 Intersect N. & S. line, *9* lks. *N.* of cor. to secs.

1 - 2 - 11 - 12 from which corner, I run

N. 89° 56' W. on a true line between sections *2 - 11.*

Variation *14° 29'* East.

40.11 Set a *Malapai* stone *10 x 10 x 6* ins., *7*

ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *N.*

face, and raised a mound of stone. alongside. Pits

impracticable.

So. 21 The corner to sections *2 - 3 - 10 - 11,*

Land rolling.

Soil 2" 9 3" rate

Vegetation, Grass.

Township

8 N,

Range

27 E,

22

BOOK 53

Gila and Salt River

Meridian.

Chains

true.
North, on a ~~line~~ line between Sections 2 and 3.

Variation

114° 29'

East.

Over rolling land.

40.00

Set a Malapai stone 10 x 10 x 8 ins., 7 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

78.84

Intersect the 2nd Standard Parallel North at a point 5.25 chs. West of the Standard Cor. to on Secs. 1, 2, 3 and 4 T. 9 N., R. 27 E.,

which is a Basalt stone 17 x 13 x 4 ins., set 11 ins. in the ground, marked 4 on N. face, with mound of stone alongside, and at point of intersection,

Set a Sand stone 8 x 6 x 10 ins. 12 ins. in the ground for Closing Cor. to Secs. 2 and 3 marked C. C. with 2 notches on E. and 4 notches on W. edges and raised a mound of stone. alongside.

Pits impracticable.

Land rolling.

Soil 2" 9" 3" rate

Vegetation, Grass.

Township

8 N,

Range

27 E,

Gila and Salt River

Meridian.

BOOK 53

Chains

From the corner to sections, 3-4-33-34 and S. B.

of Sp, which is a Sandstone, 14x11x9 ins.
 set 9 ins. in the ground, marked with 3
 notches on E. & W. edges, with mound
 of stone alongside, from which bears
 A Pine, 12 ins. dia., N. 85° W. 13 lks.
 dist, marked T. 8 N. R. 27 E. S. 33 B. 3.
 A Pine, 8 ins. dia., S. 80° E. 6 lks. dist,
 marked T. 7 N. R. 27 E. S. 3 B. 3.

I run North between sections 33-34.

Variation 14° 29' East

Over rolling land.

40.00

Set a Malapai' stone 10 x 10 x 8 ins., 7
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, and raised a mound of stone. alongside. Pits
 impracticable.

30.00

Set a Malapai' stone 12 x 10 x 6 ins. 8 ins. in
 the ground for Cor. to Secs. 27-28-33-34 marked
 with 1 notch on S. and 3 notches on E. edges and
 raised a mound of stone. alongside Pits impracticable.

Land rolling.

Soil 2" rate.

Timber of Pine, Fir and Hemlock.
 Vegetation, Grass.

Township

8 N,

Range

27 E,

24

BOOK 53

Gila and Salt River Meridian.

Chains

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

Variation

114° 29'

East.

Over rolling land.

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

70.00 Top of Ridge, bears N. 17° 9 S. E. and descend.

80.09 Intersect N. & S. line, 23 lks. N. of cor. to secs.

26-27-34-35 from which corner, I run

N. 89° 50' W. on a true line between sections 27-34,

Variation 114° 29' East.

40.05 Set a Malapai' stone 12 x 8 x 4 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.

face and raised a mound of stone. alongside. Pits

impracticable

from which

A Pine 18 ins. diam. bears S. 10° E, 22 lks. dist.

marked $\frac{1}{4}$ S. B. T. No other tree within limits.

80.09 The corner to sections 27-28-33-34,

Land mountainous

Soil 2" rate.

Timber of

Pine, Fir & Hemlock.

Vegetation,

Grass.

Township

8 N₇

Range

27 E₇

Gila and Salt River

Meridian.

Chains

BOOK

53

North, between Sections 27 and 28.

Variation

14° 29'

East.

Descend.

40.00

Set a

Sand

stone 16x10x 8 ins., 11

ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

80.00

Set a

Sand

stone 18x12x6 ins. 12 ins. in

the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 6 ins. diam. bears S. N₇, 16 lks. dist. marked T. P. N., R. 27 E., S., 28 B. T.

An Aspen 6 ins. diam. bears N. 40° E., 26 lks. dist. marked T. P. N., R. 27 E., S., 22 B. T.

No other tree within limits.

Land mountainous

Soil 2" & 3" rate.

Timber of Pine and Aspen.

Vegetation, Grass.

Sept. 5, 1883.

Chains

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

Variation

14° 29'

East.

Descend.

14.80

Cross Brook, 3 lks. wide, Course North.

28.80

Cross Creek, 6 lks. wide, Course North and ascend.

40.00

Set temporary $\frac{1}{2}$ sec. cor.

So. 13

Intersect N. & S. line, 11 lks. N. of cor. to secs.

22-23-26-27 from which corner, I run

N. 89° 55' W. on a true line between sections 22-27,

Variation 14° 29' East.

40.07

Set a Sand stone 20 x 10 x 8 ins., 15
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N
face, and raised a mound of stone. alongside. Pits
impracticable.

from which

A Pine 6 ins. diam. bears N. 10° W., 22 lks. dist.
marked $\frac{1}{2}$ S. B. T. No other tree within limits.

So. 13

The corner to sections 21-22-27-28,

Land mountainous

Soil 1" & 2" rate.

Timber of Pine, Fir and Aspen.
Vegetation, Grass.

Township

8 N.

Range

27 E.

BOOK 53

Gila and Salt River

Meridian.

Chains

North, between Sections 21 and 22.

Variation

114° 29'

East.

Over rolling land.

30.00

Cross Creek, 7 lks. wide, Course N.E. and ascend.

40.00

Set a Sand stone 18 x 10 x 6 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

80.00

Set a Sand stone 18 x 2 x 7 ins. 2 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 15 ins. diam. bears S. 42 E., 44 lks. dist. marked T & N, R. 27 E. S., 22 B. T.

No other tree within limits.

Land mountainous

Soil 1" & 2" rate.

Timber of Pine, Fir and Cedar.

Vegetation, Grass.

Township

8 N.

Range

27 & 7

28

BOOK 158

Gila and Salt River

Meridian.

Chains

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

Variation

14° 29'

East.

Over broken land.

40.00

Set temporary $\frac{1}{2}$ sec. cor.

S.C. 19

Intersect N. & S. line, 10 lks. N. of cor. to secs.

14-15-22-23 from which corner, I run

N. 89° 56' W. on a true line between sections 15-22,

Variation 14° 29' East.

40.10

Set a Malapai' stone 15x10x6 ins., 10
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N
face, and raised a mound of stone. alongside. Pits
impracticable.

S.C. 19

The corner to sections 15-16-21-22.

Land mountainous

Soil 2" 83" rate.

Timber of Pine, Fir and Hemlock.
Vegetation, Grass.

Township

8 N,

Range

27 E,

Gila and Salt River

Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 29'

East.

Over rolling land.

40.00

Set a Malapai stone 10 x 10 x 8 ins., 7 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

60.00

Ascend.

80.00

Set a Malapai stone 12 x 8 x 8 ins. 8 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with Notches on S. and Notches on E. edges and raised a mound of stone. alongside, Pits impracticable.

from which

A Pine 12 ins. diam. bears S. 15° W, 30 yds. dist. marked T. 8 N, R. 27 E, S. 16 B. T.

No other tree within limits.

Land mountainous

Soil

2"

rate.

Timber of

Pine, Fir & Hemlock,

Vegetation, Grass.

BOOK 153

Gila and Salt River Meridian.

Chains

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

Variation

14° 29'

East.

Over rolling land.

12.15

Cross Road, bears, N.W. and S.E.

27.58

Cross Creek, 10 lks. wide, Course N.W. and ascend.

30.00

Over rolling land.

40.00

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

55.00

Cross Road, bears, N.E. and S.W.

79.80

Intersect N. & S. line, 23 lks. N. of cor. to secs.

10-11-14-15 from which corner, I run

N. 89° 50' W. on a true line between sections 10-15.

Variation 14° 29' East.

39.40

Set a Malapai stone 18x12x 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

79.80

The corner to sections 9-10-15-16.

Land mountainous and rolling.

Soil 1" & 2" rate.

Timber of

Pine and Fir,

Vegetation, Grass.

Township S N, Range 27 E,Gila and Salt River Meridian.BOOK 53

Chains North, between Sections 9 and 10.

Variation 14° 29' East.

Descend.

20.00 Cross Creek, $\frac{1}{2}$ lks. wide, Course S. E. and ascend.35.00 Enter Timber, Bears. E + W40.00 Set a Malapai stone 10 x 8 x 6 ins., $\frac{1}{2}$ ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone. alongside. Pits impracticable.80.00 Set a Sand stone 20 x 2 x 8 ins. 15 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with Notches on S. and Notches on E. edges and raised a mound of stone. alongside, Pits impracticable.

Land mountainous

Soil 1" & 2" rate.Timber of Pine, Fir and Aspen.Vegetation, Grass.

Township S N, Range 27 E,
 BOOK 53 Gila and Salt River Meridian.

Chains	East, on a random line between Sections 3 and 10. Variation $114^{\circ} 29'$ East.
	Over rolling land.
30.00	Cross Creek, 7 lks. wide, Course <i>North</i> and ascend.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
79.91	Intersect N. & S. line, 12 lks. N. of cor. to secs. 2-3-10-11 from which corner, I run $N. 89^{\circ} 55'$ W. on a true line between sections 3-10. Variation $114^{\circ} 29'$ East.
39.96	Set a <i>Malapai</i> stone $12 \times 10 \times 8$ ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, and raised a mound of stone. alongside. Pits impracticable.
79.91	The corner to sections 3-4-9-10, Land mountainous Soil $1" \& 2"$ rate. Timber of <i>Pine, Fir & Hemlock,</i> Vegetation, <i>Grass.</i>

Township

8 N 7

Range

27 E

BOOK 53

Gila and Salt River

Meridian.

Chains

true.

 North, on a ~~range~~ line between Sections 3 and 4.

Variation

14° 29'

East.

Over rolling land.

40.00

Set a Malapaí stone 12 x 10 x 8 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

79.20

Intersect the 2nd Standard Parallel North at a point S. 38 chs. West of the Standard Cor. to on Secs. 30 and Sec. 33 T. 9 N., R. 27 E,

which is a Basalt stone 18 x 11 x 5 ins., set 12 ins. in the ground, marked $\frac{1}{4}$ on N. face, and mound of stone alongside, and at point of intersection,

Set a Sand stone 14 x 12 x 9 ins. 9 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 3 notches on E. and 3 notches on W. edges and raised a mound of stone. alongside.

Pits impracticable.

Land rolling.

Soil 1" or 2" rate

Vegetation, Grass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Sept. 6, 1883.

Township

8 N,

Range

24 E,

Gila and Salt River

Meridian.

BOOK 53

Chains

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

Variation

14° 29'

East.

Over rolling land.

40.00

Set temporary $\frac{1}{2}$ sec. cor.

79.72

*Intersect N. & S. line, 10 lks. N, of cor. to secs.**27-28-33-34 from which corner, I run**N. 89° 56' W. on a true line between sections 28-33.**Variation 14° 29' East.*

39.86

Set a Malapai' stone 18 x 10 x 4 ins., 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

79.72

*The corner to sections 28-29-32-33.**Land rolling.**Soil 2" & 3" rate.**Timber of**Pine, Fir and Hemlock,**Vegetation, Grass.*

Chains

North, between Sections 28 and 29.

Variation

14° 29'

East.

Descend.

25.00

Enter valley of Creek.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on

N. face, dug pits, 18 x 18 x 12 ins., N. and S. of

post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft.high, 3 $\frac{1}{2}$ ft. base around post.An Aspen 8 ins. diam. bears S. 30° E, from which
marked $\frac{1}{2}$ S. B. T. 20 lks. dist.
No other tree within limits.

44.70

Cross Creek, 7 lks. wide, Course East and ascend.

80.00

Set a Sand stone 8 $\frac{1}{2}$ x 4 $\frac{1}{2}$ ins. 12 ins. in

the ground for Cor. to Secs. 20-21-28-29 marked

with 2 notches on S. and 4 notches on E. edges and

raised a mound of stone. alongside, Pits impracticable.

A Pine 20 ins. diam. bears S. E, from which
marked T. 8 N, R. 27 E. S., 28 B. T. 16 lks. dist.A Pine 14 ins. diam. bears N. 20° W, 35 lks. dist.
marked T. 8 N, R. 27 E. S., 20 B. T.

• No other tree within limits.

Land mountainous

Soil 1" & 2" rate.

Timber of Pine, Fir, Hemlock & Aspen,
Vegetation, Grass.

Township

8 N,

Range

27 E,

BOOK 53

Gila and Salt River

Meridian.

Chains

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

Variation

114° 29'

East.

Descend.

37.00 Cross Canon, 30 lks. wide, Course S.E. and ascend.

38.00 Top of Spur, bears E. & W. and descend.

40.00 Set temporary $\frac{1}{2}$ sec. cor.

59.16 Cross Creek, 8 lks. wide, Course N.E. and ascend.

60.00 Top of Hill and descend.

79.96 Intersect N. & S. line, 25 lks. N. of cor. to secs.

21-22-27-28 from which corner, I run

N. 89° 49' W. on a true line between sections 21-28,

Variation 114° 29' East.

39.98 Set a Basalt stone 18 x 11 x 9 ins., 12
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

79.96 The corner to sections 20-21-28-29.

Land mountainous

Soil 1", 2" & 3" rats.

Timber of Pine, Fir, Aspen & Hemlock,
Vegetation, Grass.

Township

8 N,

Range

27 E,

38

BOOK 58

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 29'

East.

Ascend. gradually.

20.00

Top of mesa

40.00

Set a Basalt stone $20 \times 12 \times 8$ ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 16-17-20-21, marked T. 8 N, S. 16, on N. E., R. 27 E, S. 21 on S. E., S. 20 on S. W. and S. 17 on N. W. face, with 3 notches on S. and 4 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.

from which

A Yellow Pine 20 ins. diam. bears N.E., 25 lks. dist. marked T. 8 N, R. 27 E, S. 16 B. T.

No other tree within limits.

Land mountainous

Soil 1" & 2" & 3" rate.

Timber of Pine, Oak, Fir, Aspen & Limbeck,
Vegetation, Grass.

Township

8 N.

Range

27 E.

BOOK 53

Gila and Salt River

Meridian.

Chains

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

Variation

14° 29'

East.

Along mesa,

40.00

Set temporary $\frac{1}{2}$ sec. cor.

62.00

Descend. abruptly,

79.84

Intersect N. & S. line, 20 lks. South of cor. to secs
15-16-21-22 from which corner, I run

S. 89° 51' W. on a true line between sections 16-21.

Variation 14° 29' East.

39.92

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on
N. face, dug pits, 18 x 18 x 12 ins.; E. and W. of
post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft.
high, 3 $\frac{1}{2}$ ft. base around post.

from which

A Yellow Pine 30 ins. diam. bears S. 47° E, 23 lks. dist.
marked $\frac{1}{2}$ S. B. T. No other tree within limits.

79.84

The corner to sections 16-17-20-21.

Land mountainous

Soil 2" rate.

Timber of Pine, Fir and Aspen,
Vegetation, Grass.

Township

S. N.

Range

27 E.

40

BOOK 153

Gila and Salt River

Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 29'

East.

Over level land

25.00

Enter Timber, Bears.

N. W. and S. E.

40.00

Set a Malapai stone 18 x 12 x 10 ins., 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W, face, and raised a mound of stone. alongside Pits impracticable.

80.00

Set a Malapai stone 12 x 12 x 10 ins. 8 ins. in the ground for Cor. to Secs. 8-9-16-17 marked with 4 notches on S. and 4 notches on E. edges and raised a mound of stone. alongside, Pits impracticable.

from which

A Fine 12 ins. diam. bears N. 30° W, 35 lks. dist marked T. S. N., R. 27 E. S., S. B. T.
No other trees within limits.

Land level. and rolling.

Soil 1" 9 2" rate.

Timber of

Pine, Fir and Hemlock.

Vegetation,

Grass.

Sept. 7, 1883.

Township

8 N.

Range

27 E.

BOOK 153

Gila and Salt River

Meridian.

Chains

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

Variation

114° 29'

East.

Over rolling land.

38.00 Descend.

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

79.71 Intersect N. & S. line, 13 lks. N. of cor. to sec.

9-10-15-16 from which corner, I run

N. 89° 54' W. on a true line between sections 9-16,

Variation 114° 29' East.

39.86 Set a Malapai stone 18 x 16 x 8 ins., 12

ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.

face, and raised a mound of stone alongside. Pits

impracticable.

79.71 The corner to sections 8-9-16-17.

Land rolling.

Soil 2" & 3" rate.

Timber of Pine and Cedar.

Vegetation, Grass.

Township

S N,

Range

27 E,

42

E C O K 1 5 3

Gila and Salt River

Meridian.

Chains

North, between Sections 8 and 9.

Variation

14° 29'

East.

Over rolling land.

35.00

Descend.

40.00

Set a Malapai stone 12x12x10 ins., 8 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

47.00

cross stream of water, runs S.E.

80.00

Set a Malapai stone 12x10x8 ins. 8 ins. in the ground for Cor. to Secs. 4-5-8-9 marked with notches on S. and notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

Land rolling.

Soil 1" & 2' rate

Vegetation, Grass.

Township

8 N,

Range

27 E,

Gila and Salt River

Meridian.

BOOK 53

Chains

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

Variation

14° 29'

East.

*Over rolling land.*40.00 *Set temporary 1/2 sec. cor.*79.73 *Intersect N. & S. line, 14 lks. N. of cor. to secs.**3-4-9-10 from which corner, I run**N. 89° 54' W. on a true line between sections 4-9.**Variation 14° 29' East*

39.87 *Set a Malapai stone 12 x 10 x 8 ins., 8*
ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N.
face, and raised a mound of stone. alongside. Pits
impracticable.

79.73 *The corner to sections 4-5-8-9.**Land rolling.**Soil 1" & 2" rate**Vegetation, Grass.*

Township

8 N,

Range

27 E,

44

BOOK 58

Gila and Salt River

Meridian.

Chains

trac.
North, on a ~~line~~ line between Sections 4 and 5.

Variation

14° 29'

East.

Over rolling land.

40.00

Set a Malapai stone 10 x 8 x 6 ins., 7 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.

78.95

Intersect the 2nd Standard Parallel North at a point 4.96 chs. West of the Standard Cor. to on Secs. 1, 2, 3, 4 and Sec. 32, T. 9 N., R. 27 E,

which is a Basalt stone, 18 x 10 x 14 ins. set 12 ins. in the ground, marked $\frac{1}{2}$ on N. face, with mound of stone alongside, and at point of intersection.

Set a Sand stone 15 x 12 x 6 ins. 6 ins. in the ground for Closing Cor. to Secs. 4 and 5 marked C. C. with 4 notches on E. and 2 notches on W. edges and raised a mound of stone. alongside.

Pits impracticable.

Land rolling.

Soil 1" & 2" red

Vegetation, Grass.

Township

8 N,

Range

27 E,

Gila and Salt River

Meridian.

BOOK 53

Chains

From the corner to sections, 5-6-31-32 on S.W. of 1/4,
 which is a Sandstone, 16 x 11 x
 9 ins. Set 11 inches in the ground,
 marked with 5 notches on E,
 and 1 notch on W. edges, with
 mound of stone alongside,
 True,

North between sections 31-32,

Variation $14^{\circ} 29'$ East.

Ascend.

40.00 Set a Sand stone 14 x 10 x 8 ins., 9
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, and raised a mound of stone alongside. Pits
 impracticable.

80.00

Set a Basalt stone 11 x 10 x 8 ins. 7 ins. in
 the ground for Cor. to Secs. 29-30-31-32 marked
 with 1 notch on S. and 5 notches on E. edges and
 raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 1" 9 2" rate

Vegetation, Grass.

Township

8 N,

Range

27 E,

46

BOOK 53

Gila and Salt River

Meridian.

Chains

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

Variation

14° 29'

East.

Over rolling land.

40.00

See comparison of $\frac{1}{2}$ sec. cor.

50.00

Enter Timber, Bears.

N. 70° E. & S. 70° W.

79.81

Intersect N. & S. line,

19 lks. S. of cor. to secs.

28-29-32-33 from which corner, I run

S. 89° 52' W. on a true line between sections 29-32,

Variation 14° 29' East

39.91

Set a Sand stone 13 x 11 x 8 ins., 9
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, and raised a mound of stone. alongside. Pits
 impracticable.

79.81

The corner to sections 29-30-31-32,

Land rolling.

Soil 1" & 2" rate.

Timber of Pine & Fir.

Vegetation, Grass.

Township

8 N,

Range

27 E,

BOOK

53

Gila and Salt River

Meridian

Chains

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

Variation

14° 29'

East.

Over rolling land.

40.00 Set temporary $\frac{1}{2}$ sec. cor.

60.00 Cross Creek, 7 lks. wide, Course N.E.

79.17 Intersect N. B. of Tp. 21 lks. N. of cor. to secs.
previously set by me.

25-30-31-36 from which corner, I run

N. 89° 51' E on a true line, between sections 30-31.

Variation 14° 29' East.

39.17 Set a Sand stone 14 x 9 x 8 ins., 9
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone. alongside. Pits
impracticable.

79.17 The corner to sections 29-30-31-32.

Land rolling.

Soil 2" red

Vegetation, Grass.

Township

8 N,

Range

27 E,

48

BOOK 53

Gila and Salt River

Meridian.

Chains

North, between Sections 29 and 30.

Variation

14° 29'

East,

Ascend.

- 14.00 Enter Timber, Bears. E. & W.
- 20.00 Top of Lull bears E. & W. and descend.
- 38.00 Enter valley of creek, bear E. & W.
- 40.00 Set a Basalt stone 14 $\frac{1}{2}$ x 11 x 9 ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone. alongside. Pits impracticable.
- 41.00 Cross Creek, 8 lks. wide, Course N. 50° E.
- 60.00 Leave Timber, Bears. N. W. and S. E.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked sto. 12 ins. in the ground, for Cor. to Secs. 19-20-29-30, marked T & M. S. 20, on N. E., R. 27 E, S. 29 on S. E., S. 30 on S. W. and S. 19 on N. W. face, with 2 notches on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.

Land hilly and level.

Soil 1" & 2" rate.

Timber of Pine, Fir & Aspen.

Vegetation, Grass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Sept. 8, 1883.

Township S N, Range 27 E,
 BOOK 58 Gila and Salt River Meridian.

Chains

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

Variation 114° 29' East.Over rolling land.40.00 Set temporary $\frac{1}{2}$ sec. cor.74.00 Enter Timber, Bears. N. & S.79.74 Intersect N. & S. line, 15 lks. N. of cor. to secs.20-21-28-29 from which corner, I runN. 89° 54' W. on a true line between sections 20-29.Variation 114° 29' East

39.90 Set a Sand stone 14 x 11 x 8 ins., 9
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face. and raised a mound of stone. alongside. Pits
impracticable.

79.79 The corner to sections 19-20-29-30.Land rolling.Soil 1" & 2" rate.Timber of Pine, Fir & Hemlock.Vegetation, Grass.

Township S 27, Range 27 E,BOOK 58

Gila and Salt River Meridian.

Chains

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

Variation

 $14^{\circ} 29'$

East.

Over rolling land.

40.00

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

79.80

Intersect N.B. of Tp. 10 lks. North of cor. to secs.

previously set by me.

19-24-25-30 from which corner, I run

N. $89^{\circ} 56' 6''$, on a true line, between sections 19-30.Variation $14^{\circ} 29'$ East.

39.80

Set a Basalt stone $13 \times 11 \times 8$ ins., 9
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone. alongside. Pits
impracticable.

79.80

The corner to sections 19-20-29-30.

Land rolling.

Soil 1" & 2" rate

Vegetation, Grass.

Township

8 N,

Range

27 E;

Gila and Salt River

Meridian.

BOOK 53

Chains

North, between Sections 19 and 20.

Variation

14° 29'

East.

Over rolling land.

28.00

Enter Timber, Bears.

E. and W.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{4}$ S. on
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of
 post 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft.
 high, 3 $\frac{1}{2}$ ft. base around post.

80.00

Set a Sand stone 15 x 10 x 7 ins. 10 ins. in
 the ground for Cor. to Secs. 17-18-19-20 marked
 with 3 notches on S. and 3 notches on E. edges and
 raised a mound of stone. alongside, Pits impracticable.

from which
 A Yellow Pine 24 ins. diam. bears N. 60° E., 71 lbs. dist.
 marked T. S. N., R. 27 E., S., 17 B. T.

No other tree within limits.

Land rolling.

Soil 2" rate.

Timber of Pine, Fir and Aspen.
 Vegetation, Grass.

Township 8 N, Range 27 E,
BOOK 5 Gila and Salt River Meridian.

Chains

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

Variation 14° 29' East.

Ascend.

38.00 Top of Spur, bears N. & S. and descend.

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

79.63 Intersect N. & S. line, 5 lks. N. of cor. to secs.

16-17-20-21 from which corner, I run

N. 19° 58' W. on a true line between sections 17-20,

Variation 14° 29' East.

39.82 Set a Sand stone 14 x 10 x 8 ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.

has not raised a mound of stone. alongside. Pits
~~impossible~~

79.63 The corner to sections 17-18-19-20,

Land mountainous

Soil 2" rate.

Timber of Pine, Fir and Aspen.

Vegetation, Grass.

Township

8 N.

Range

27 E.

Gila and Salt River

Meridian,

BOOK
Chains

53

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

Variation

114° 29'

East.

Ascend.

40.00

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

79.65

Intersect N.B. of Tp. 11 lks. S. of cor. to secs.

13-18-19-20 from which corner, I run

S 89° 55' E. on a true line, between sections 18-19.

Variation 114° 29' East.

39.65

Set a Sand stone 10 x 7 x 6 ins., 7
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone. alongside. Pits
impracticable.

A Yellow Pine 20 ins. diam. bears S 20° E., 43 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

79.65

The corner to sections 17-18-19-20.

Land mountainous

Soil 1" & 2" rate.

Timber of Pine.

Vegetation, Grass.

Township

S 7 N,

Range

27 E,

54

BOOK 53

Gila and Salt River

Meridian.

Chains

North, between Sections 17 and 18.

Variation

114° 29'

East.

Ascend.

46.00

Set a Sand stone $24 \times 18 \times 10$ ins., 18 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 12 ins. diam. bears S. 63° E, 19 lks. dist. marked $\frac{1}{4}$ S. B. T. No other tree within limits.

60.00

Top of Ridge, bears E. and W. and descend.

80.00

Set a Sand stone $20 \times 14 \times 8$ ins. 15 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with $\frac{1}{4}$ notches on S. and $\frac{1}{4}$ notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 18 ins. diam. bears S. 3° W, 8 lks. dist. marked T. S 7 N, R. 27 E, S., 18 B. T.

No other tree within limits.

Land mountainous

Soil 1" & 2" rate.

Timber of Pine.

Vegetation, Grass.

Township *8 N*, Range *27 E*,

BOOK 53 Gila and Salt River Meridian

Chains

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

Variation *114° 29'* East.

Descend.

40.00 *Set temporary 1/4 sec. cor.*

79.95 Intersect N. & S. line, 9 lks. South of cor. to secs. 8-9-16-17 from which corner, I run S. 89° 56' W. on a true line between sections 8-17. Variation 114° 29' East.

39.98 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 18 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

from which A Yellow Pine 10 ins. diam. bears N. 20° E, 17 lks. dist. marked 1/4 S. B. T. No other tree within limits.

79.95 The corner to sections 7-8-17-18.

Land mountainous

Soil 2" rate.

Timber of Pine, Fir & Aspen.

Vegetation, Grass.

Sept. 10, 1883.

Township

8 N,

Range

27 E,

OK 53

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 7 and 18.

Variation

114° 29'

East.

Ascend.

40.00

Set temporary $\frac{1}{2}$ sec. cor.

79.40

Intersect W.B. of Tp. 20 *1/2* m. South of cor. to secs.7-8-12-13 previously set by me.
from which corner, I run

S 89° 51' E, on a true line, between sections 7-18.

Variation 114° 29' East.

39.40

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on

W. face, dug pits, 18 x 18 x 12 ins., E. and W. of

post 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft.high, 3 $\frac{1}{2}$ ft. base around post.

from which

An Aspen 10 ins. diam. bears N 50° E, 19 m. dist.

marked $\frac{1}{2}$ S. B. T.

No other tree within limits.

79.10

The corner to sections 7-8-17-18.

Land mountainous

Soil 2" rate.

Timber of Pine, Fir and Aspen.

Vegetation, Grass.

Township

8 N,

Range

27 E,

Gila and Salt River

Meridian.

BOOK 53

Chains

North, between Sections 7 and 8.

Variation

114° 29'

East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

from which

A Yellow Pine 20 ins. diam. bears N. 10° E, 23 lks. dist. marked $\frac{1}{2}$ S. B. T. No other tree within limits.

60.00

Cross Creek, 11 lks. wide, Course S. 65° E,

80.00

Set a Sand stone $8\frac{1}{2} \times 7$ ins. 12 ins. in the ground for Cor. to Secs. 5-6-7-8 marked with 5 notches on S. and 5 notches on E. edges and raised a mound of stone. alongside, Pits impracticable.

Land mountainous

Soil 2" rate.

Timber of Pine, and Cedar.

Vegetation, Grass.

Township

8 N

Range

27 E

58

BOOK 58

Gila and Salt River

Meridian.

Chains

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

Variation

114° 29'

East.

Ascend.

40.00

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

79.73

Intersect N. & S. line, 14 lks. North of cor. to secs.

4-5-8-9 from which corner, I run

N. 89° 54' W. on a true line between sections 5-8,

Variation 114° 29' East.

39.87

Set a Sand stone 16 x 10 x 10 ins., 11

ins. in the ground, for $\frac{1}{4}$ Sec.-Cor., marked $\frac{1}{4}$ on N.

face, and raised a mound of stone alongside. Pits

impracticable.

79.73

The corner to sections 5-6-7-8.

Land mountainous.

Soil 2" rate

Vegetation, Grass.

Township *S. N.*, Range *27 E.*

Gila and Salt River Meridian.

BOOK 53

Chains

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

Variation *14° 29'* East.*Descend.*40.00 Set temporary $\frac{1}{4}$ sec. cor.57.00 Cross Creek, 12 kts. wide, Course *S. E.* and ascend.79.52 Intersect *N. B.* of Tp. 9 kts. *N.* of cor. to secs.
*previously set by me.**1-6-7-12* from which corner, I run*N. 89° 36' E.* on a true line, between sections 6-7.Variation *14° 29'* East.39.52 Set a Sand stone *12 x 6 x 5* ins., *8*
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *N.*
face, and raised a mound of stone alongside. Pits
impracticable.*from which**a yellow Pine 20 ins. diam. bears S. 83° W., 22 kts. dist.*
marked $\frac{1}{4}$ S. B. T. *No other tree within limits.*79.52 The corner to sections *5-6-7-8,**Land rolling.**Soil 1 "Q 2" rate**Vegetation, Grass.**Timber of Pine, Oak, Fir & Cedar.*

North on a true line between sections *5-6*
Va. 14 29 East.

Descend.

4000 Set a post 3 ft. long, 3 ins. diam. with marked stone.
12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{4}$ S. on
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of
post 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft.
high, 3 $\frac{1}{2}$ ft. base around post. from which
A yellow Pine 10 ins. diam. bears *N. 10 E*, 23 lks. dist.
marked $\frac{1}{4}$ S. B. T. No other tree within limits.

79.14 Intersect the *2nd* Standard Parallel *North* at a
point *5.00* chs. *West* of the Standard Cor. to on
Secs. *S. 10* and *Sec. 31*. T. *9 N*. R. *27 E*, which is
a post, 3 ft. long, 3 ins. dia., set firmly in
the ground & marked $\frac{1}{4}$ S. on N. face,
from which bears

A Spruce, 8 ins. dia., *N 14 W*, 4 $\frac{1}{2}$ lks. dist.
An Alder, 6 ins. dia., *S. 42 W*, 7 lks. dist.,
both of which are marked $\frac{1}{4}$ S. B. T.

V at point of intersection.
Set a post, 4 feet long, 4 ins. square, 12 ins. in the
ground, for Closing Cor. to Secs. *5* and *6*, marked
C. C. T. *S N*. R. *27 E* on S., S. *5* on E. and
S. *6* on W. faces, with *5* notches on E and
1 notch on W. faces, and raised a mound of stone
2 ft. high, 4 $\frac{1}{2}$ ft. base around post. Pits impracticable.
Land rolling. *Timber of Pine Fir, Hemlock &*

Soil *2* rate *Cedar*
Vegetation *Grass.* *Sept. 11, 1883.*

General Description.

This Township for the most part consists of high rolling prairie land, with here and there a mountain.

The soil varies from 1st to 3rd rate, producing fine growth of grass which affords excellent grazing facilities.

It is well watered by numerous springs and spring branches, and some portions are adapted to agriculture.

Timber of Pine, Oak, Fir, Cedar, Hemlock and Aspen is found in nearly all parts of the Tp.

For a full catalogue, see Prot. No. 13.

U. S. Surveyor General's Office,

Tucson, Arizona, July 26, 1884

The foregoing Field Notes of the Survey of the

Subdivision lines of
Township 8 North
Range 27 East

Of the Gila and Salt River Base and Meridian, Arizona, executed by A. C. Shoemaker

Deputy Surveyor, under his contract of the 5th

day of August, 1882, having been

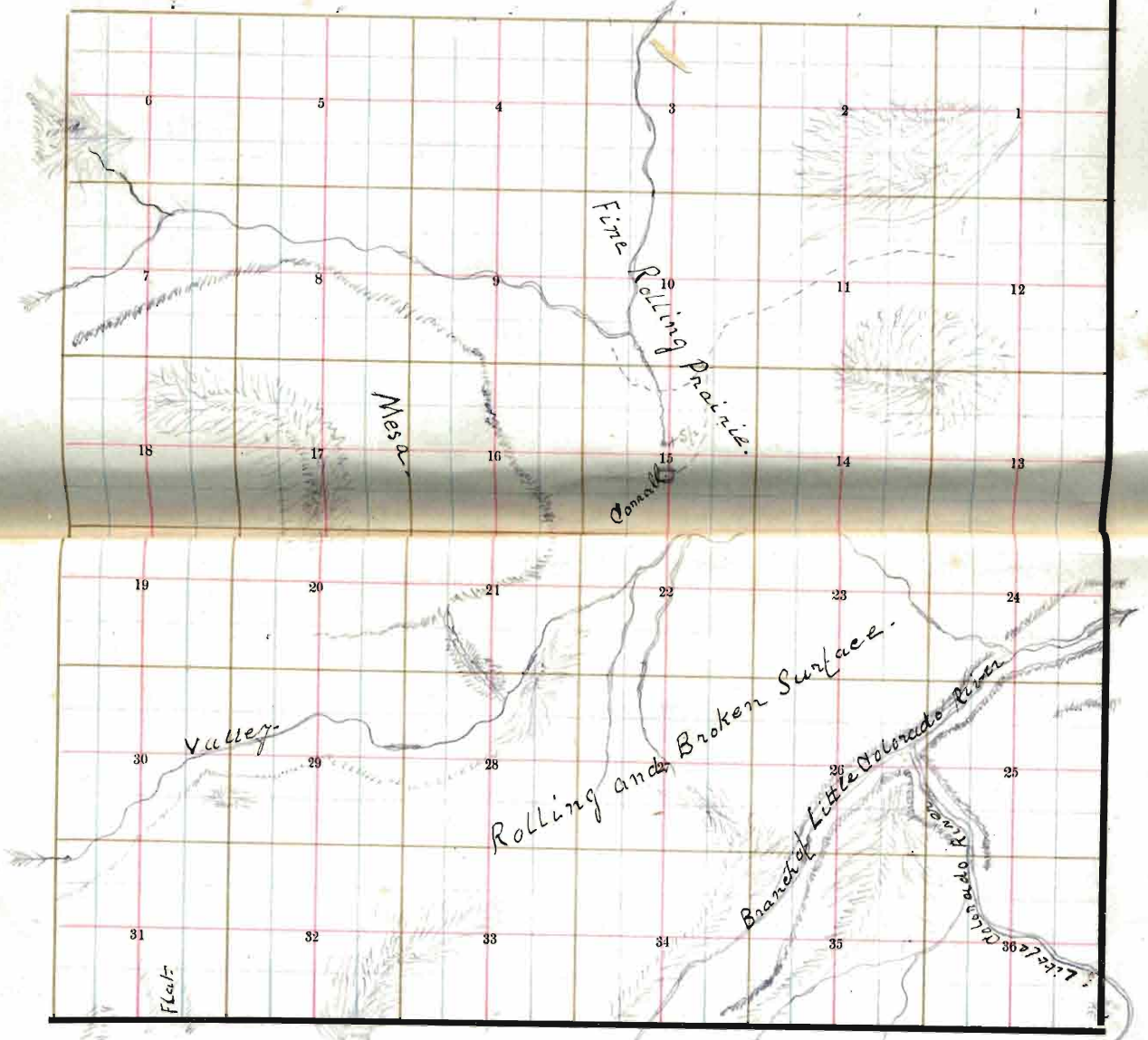
critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe

are hereby approved

Royall Johnson
Surveyor General.

Township No. 8 N Range No. 27 E. Elk and Salt River Meridian

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TOWNSHIP PLOT.

- Meridian Line,*
- Base Line,*
- Standard Line,*
- Township Lines,*
- Section Lines,*
- Meander Lines,*