

Book No. ~~1~~

attached
read
comparisons
desired

H. A. Coe Deputy Surveyor.

T. 11 N. R. 18 E

Gila and Salt River Meridian.

No. 70
FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 11 N. Range 18 E

Gila and Salt River Meridian.

BY

H. A. Coe Deputy Surveyor.

Under his Contract of July 25. 1882

Survey Commenced May 17. 1883

Survey Completed May 24 1883

Platted,
Copied for Washington,
Copied for Register,

No 70

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H. A. Coe Deputy Surveyor.

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1A

Township 11 North Range 18 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
53		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

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Township

Range

13

Meridian.

No-70

For preliminary notes
& description of instrument
see book N^o 1.

*Survey made with Burt's Patent Improved Solar
Compass, nearly new, and in first rate order. Made
by Otto Fennel of Cassel
Germany in 1881*

*Before proceeding to subdivide this Tp., I made a
change of 5 minutes in the latitude arc of my
solar compass by subtracting same from
the reading previously given, and at noon verified
and corrected same by observation on the sun. I also
further tested instrument by reversing.*

Chains

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

Variation $121^{\circ} 14'$ East.

Descend.

15.00
 26.50
 39.50
 40.00

Cross Wash, 15 fks. wide, Course $N. 40^{\circ} E$ and ascend.

Top of Spur, bears $N. 78^{\circ} E.$ & $S. 78^{\circ} W.$ and descend.

Cross Wash, 8 fks. wide, Course $N. 10^{\circ} E$ and ascend.

Set a Sand stone $16 \times 10 \times 7$ ins.,

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

A Pine $2\frac{1}{2}$ ins. diam. bears $S. 44^{\circ} E.$ $2\frac{1}{2}$ fks. dist. marked $\frac{1}{4}$ S. B. T.

A Pine 10 ins. diam. bears $N. 18^{\circ} W.$ 1.55 fks. dist. marked $\frac{1}{4}$ S. B. T.

Top of Hill bears $N. E.$ & $S. W.$ and descend.

Cross Gulch, 60 fks. wide, Course $N. 11^{\circ} E.$ and ascend.

Top of Hill bears $N. E.$ & $S. W.$ and descend.

Cross Gulch, fks. wide, Course $N. 11^{\circ} E$ and ascend.

Set a Sand stone $20 \times 10 \times 15$ 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 from

A Juniper 19 ins. diam. bears $N. 42\frac{1}{2}^{\circ} E.$ 68 fks. dist. marked T. 11 N. R. 18 E. S. 23 B. T.

No other tree within limits.

Land mountainous

Soil 3^{rd} rate.

Timber of Juniper.
 Vegetation Grass

60.50
 65.00
 72.50
 77.00
 80.00

Chains East, on a random line between Sections 25 and 36.
 Variation 14° 12' East.

Descend.

6.00 Cross Gulch, ~~1/2~~ 1/4 m. wide, Course N. 10° E., and ascend.

27.00 Top of Hill bears N. 13° E. & S. 13° W., and descend.

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

61.17 Cross Wash, ~~1/2~~ 1/4 m. wide, Course N. 13 1/4° W. and ascend.

80.15 Intersect E. B. of Tp. 17 m. N. of cor. to secs.
 previously set by me.

3.30 31 30 from which corner, I run
N. 89° 53' W., on a true line, between sections 25 & 30
 Variation 13° 30' East.

40.07 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on N. face; from which
 a Yellow Pine 14 ins. diam. bears N. 29° E. 2.1 m. dist.
 marked $\frac{1}{2}$ S. B. T.

a Yellow Pine 10 ins. diam. bears S. 17° W. 1.7 m. dist.
 marked $\frac{1}{2}$ S. B. T.

80.15 The corner to sections 25, 26, 35 & 30

Land mountainous

Soil 3rd rate.

Timber of Pine & Juniper.

Vegetation Grass.

Township 11 N. Range 18 E.
 BOOK 70 Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation 14° 14' East.

Ascend.

- 8.00 Top of Hill bears E. W. and descend.
 32.21 Cross Wash, 17 lks. wide, Course N. E. and ascend.
 38.00 Top of Spur, bears N. 65° E. & S. 65° W. and descend.
 40.00 Set a Sand stone 16 x 10 x 5 ins., 11
 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.
 A Pine 12 ins. diam. bears S. 75° W. 32 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 A Pine 10 ins. diam. bears S. 19° E. 47 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 45.00 Cross Wash, 21 lks. wide, Course N. 80° E. and descend.
 60.00 Top of Hill bears N. E. & S. W. and descend.
 72.00 Cross Wash, 18 lks. wide, Course N. E. and
 Enter Valley.
 80.00 Set a Sand stone 20 x 7 x 7 ins. Pins. in
 the ground for Cor. to Secs 23 24 25 & 26 marked
 with 2 notches on S. and 1 notch on E. edges and
 raised a mound of stone. alongside. Pits impracticable.
 A Yellow Pine 20 ins. diam. bears N. 60° E. 38 lks. dist.
 marked T. // N. R. 18 E., S. 25 B. T.
 A Yellow Pine 18 ins. diam. bears S. 27° W. 25 lks. dist.
 marked T. // N. R. 18 E., S. 26 B. T.
 An Oak 9 ins. diam. bears N. 63° E. 1.2 lks. dist.
 marked T. // N. R. 18 E., S. 24 B. T.
 A Juniper 10 ins. diam. bears N. 37½° W. 2.1 lks. dist.
 marked T. // N. R. 18 E., S. 23 B. T.
 Land mountainous & rolling.
 Soil 3rd rate.
 Timber of Pine, Oak, Spruce & Juniper
 Vegetation Grass.

Chains

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

Variation 14° 12' East.

Over rolling land.

7.35 Cross Wash, 17 lks. wide, Course N. 7° E.

9.00 Leave Valley, bears and ascend.

33.00 Top of Ridge, bears N. 40° E. S. 40° W. and descend.

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

63.50 Cross Wash, 12 lks. wide, Course N. 10° E. and ascend.

79.81 Intersect E. B. of Tp. 47 lks. N. of cor. to secs. previously set by me.

19.24, 25 & 30 from which corner, I run

N. 89° 40' W. on a true line, between sections 24 & 25

Variation 13° 30' East.

39.90 Set a Sand stone 17 x 6 x 3 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. from which

An Oak 11 ins. diam. bears N. 21 $\frac{1}{2}$ ° E. 2.00 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Pine 9 ins. diam. bears S. 64 $\frac{1}{4}$ ° W. 1.40 lks. dist. marked $\frac{1}{4}$ S. B. T.

79.81 The corner to sections 23 24. 25 & 26

Land mountainous u rolling.

Soil 3rd rate.

Timber of Pine, Oak, Juniper & Spruce.
 Vegetation Grass.

Township

11 N. Range

18 E.

Gila and Salt River

Meridian.

Chains ¹⁰ North, between Sections 23 and 24.

Variation 14° 12' East.

Over rolling land.

Leave Valley, bears N. E. & S. W. and ascend.

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

Cross Wash, 7 lks. wide, Course N. 40° E. and
Over rolling land.Set a Sand stone 20 x 10 x 10 ins., 15
ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W.
face, and raised a mound of stone. alongside. Pits
impracticable. from whichAn Oak 12 ins. diam. bears N. 30° E. 50 lks. dist.
marked 1/2 S. B. T.An Oak 8 ins. diam. bears N. 61° W. 28 lks. dist.
marked 1/2 S. B. T.

An Oak 7 ins. diam.

Cross Wash, 11 lks. wide, Course N. 27 1/2° E.
Leave Valley, bears N. 62° E. and ascend.Top of mesa bears N. E. & S. W.
Set a post 4 ft. long, 4 ins. square, with marked stone.12 ins. in the ground, for Cor. to Secs. 13, 14, 23, 24
marked T. 1/2 N. S. 13, or N. E., R. 1/8 E., S. 24
on S. E. S. 23 or S. W. and S. 14 on N. W. face,
with 3 notches on S. and 1 notch on E. edges;
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,
and raised a mound of earth 2 ft. high, 4 1/2 ft. base
around post.

Land mountainous & rolling.

Soil 3^d rate.Timber of Juniper, Pine, Oak
Vegetation Grass.

1.00

20.00

32.00

40.00

47.00

57.00

63.00

69.50

80.00

Township 11 N. Range 18 E.

BOOK 10 Gila and Salt River Meridian.

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

Variation 14° 12' East.

Over mesa through Timber.

15.00 Leave mesa bears N. 55° E. and descend.

21.00 Enter Valley, bears N. 41 1/2° E.

27.00 Leave Valley, bears N. 10° E. and ascend.

38.00 Top of mesa bears N. S.

40.00 Set temporary 1/2 sec. cor.

67.00 Leave mesa bears N. S. and descend.

80.00 Intersect E. B. of Tp. 11 lks. S. of cor. to secs.

13, 18, 19, 24 previously set by me. from which corner, I run

S 89° 55' W. on a true line, between sections 13 & 24

Variation 3° 30' East.

40.00 Set a Sand stone 10 x 7 x 4 ins., 7 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, and raised a mound of stone alongside. Pits impracticable.

80.00 The corner to sections 13, 14, 23 & 24.

Land rolling.

Soil 3rd rate.

Timber of Juniper, Pine & Oak

Vegetation Grass.

Township 11 N. Range 18 E.
Gila and Salt River Meridian.

BOOK 70
Chains

North, between Sections 13 and 14.

Variation 14° 12' East.

Over mesa.

35.00
40.00

Descend. *stop bearing E. & W.*
Set a *Sand* stone $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ins., 15
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 Juniper 11 ins. diam. bears S. 85° W. 65 lks. dist.
marked $\frac{1}{4}$ S. B. T.

44.20
60.00
80.00

A Juniper 5 ins. diam. bears N. 19° E. 20 lks. dist.
marked $\frac{1}{4}$ S. B. T.

Enter Valley, bears E. & W.
Cross Wash, 12 lks. wide, Course N. 70° E.
Set a *Sand* stone $13 \times 3 \times 3$ ins. 9 ins. in
the ground for Cor. to Secs. 11, 12, 13 & 14 marked
with 4 notches on S. and 1 notch on E. edges and
raised a mound of stone. alongside. Pits impracticable.
from which

A Pine 12 ins. diam. bears S. 71° E. 20 lks. dist.
marked T. 11 N. R. 18 E., S., 12 B. T.

A Juniper 8 ins. diam. bears S. 71° W. 35 lks. dist.
marked T. 11 N. R. 18 E., S., 14 B. T.

A Pine 11 ins. diam. bears N. 60° E. 1.08 lks. dist.
marked T. 11 N. R. 18 E., S., 12 B. T.

A Pine 13 ins. diam. bears N. 10° W. 60 lks. dist.
marked T. 11 N. R. 18 E., S., 11 B. T.

Land rolling.

Soil 2nd & 3rd rate,

Heavy timber of *Pine, Juniper & Oak.*
Undergrowth of *Pine.*

Chains East, on a random line between Sections 12 and 13.
 Variation $14^{\circ} 13'$ East.

Over Valley.

15.50 Cross Genill Creek road leave
 N. 70° W. & S. 70° E.

20.00 Due S. from this point is
 the residence of Judson
 Phelps dist. 18 chs. He claims
 160 acres in the W. portion of Sec. 13.
 There is a spring located about 1 ch.
 S. 13° W. from his house. This spring at
 times in the year runs about
 100 inches of water but is dry
 during the months of June & October.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 of Yellow Pine $1\frac{1}{2}$ ins. diam.
 78.00 Intersect E. B. of Tp. 8 lks. N. of cor. to secs.
 80.20 previously set by me.

712.13 & 18 from which corner, I run
 N. $89^{\circ} 57'$ W. on a true line, between sections 12 & 13
 Variation $13^{\circ} 30'$ East.

40.13 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which
 A Juniper $1\frac{1}{2}$ ins. diam. bears S. 25° W. 1.00 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 A Juniper 1 ins. diam. bears S. 15° E. .62 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

80.20 The corner to sections 11, 12, 13 & 14
 Land rolling.
 Soil 2^{nd} & 3^{rd} rate,
 Heavy timber of Pine & Juniper.
 Undergrowth of Pine.

May 17, 1883

9 Township 11 N. Range 18 E.
Gila and Salt River Meridian.

Chains **BOOK 70** North, between Sections 11 and 12.

Over rolling land. Variation $14^{\circ} 13'$ East.

5.73 Cross Crooks Road bears $N. 67^{\circ} E$

6.00 Leave Valley, bears E. & W. and ascend.

29.00 Top of Hill bears N. W. & S. E. and descend.

40.00 Set a Sand stone $15^x 12^x 5$ ins., 10 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 Juniper 10 ins. diam. bears $N. 16^{\circ} W.$ 1.00 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 14 ins. diam. bears $S. 48^{\circ} E.$.65 lks. dist. marked $\frac{1}{4}$ S. B. T.

47.00 Cross Gulch, 15 lks. wide, Course N. E. and ascend.

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

60.50 Cross low Sag and ascend.

67.25 Top of Mesa bears $N. 20^{\circ} E.$

80.00 Set a Sand stone $19^x 12^x 7$ ins. 13 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12 marked with 3 notches on S. and 1 notch on E. edges and raised a mound of stone. alongside, Pits impracticable. from which

A Yellow Pine 15 ins. diam. bears $N. 20^{\circ} E.$ 1.00 lks. dist. marked T. 11 N. R. 18 E., S., 1 B. T.

A Yellow Pine 22 ins. diam. bears $N. 36^{\circ} W.$.65 lks. dist. marked T. 11 N. R. 18 E., S., 2 B. T.

An Oak 7 ins. diam. bears $S. 44^{\circ} W.$.70 lks. dist. marked T. 11 N. R. 18 E., S., 11 B. T.

A Juniper 13 ins. diam. bears $S. 8^{\circ} E.$ 1.2 lks. dist. marked T. 11 N. R. 18 E., S., 12 B. T.

Land mountainous & rolling.

Soil 3rd rate.

Timber of Pine, Oak & Juniper.

Vegetation Grass.

Chains	East, on a random line between Sections 1 and 12.
	Variation <u>11° 13'</u> East.
<u>1.00</u>	Over mesa through timber Leave mesa bears <u>N.</u> and descend.
<u>8.00</u>	Cross Gulch, 12 lks. wide, Course <u>N.</u> and ascend.
<u>40.00</u>	Set temporary $\frac{1}{4}$ sec. cor.
<u>50.00</u>	Top of Hill bears <u>N. & S.</u> and descend.
<u>80.07</u>	Intersect <u>E. B. of Tp. 16</u> lks. <u>N.</u> of cor. to secs. <i>previously set by me.</i>
	<u>16. 7. 12</u> from which corner, I run
	<u>N. 89° 53' W.</u> on a true line, between sections <u>1 & 12</u>
	Variation <u>13° 46'</u> East.
<u>40.03</u>	Set a Sand stone <u>15 x 7 x 6</u> ins., <u>10</u> ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on <u>N.</u> face, dug pits, <u>18 x 18 x 12</u> ins., <u>S. and W.</u> of stone <u>5½ ft.</u> dist., and raised a mound of earth <u>1½ ft.</u> high, <u>3½ ft.</u> base. alongside. <i>from which</i>
	A Juniper <u>8</u> ins. diam. bears <u>N. 40° E.</u> <u>13</u> lks. dist. marked $\frac{1}{4}$ S. B. T.
	A Pine <u>8</u> ins. diam. bears <u>N. 57° W.</u> <u>45</u> lks. dist. marked $\frac{1}{4}$ S. B. T.
<u>80.07</u>	The corner to sections <u>1. 2. 11 & 12</u> Land mountainous Soil <u>3rd</u> rate. Timber of <u>Pine, Oak & Juniper.</u> Vegetation <u>Grass.</u>

Township 11 N. Range 18 E.
 BOOK 70 Gila and Salt River Meridian.

Chains

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

Variation 14° 13' East.

Over mesa

30.00 Leave mesa bears N. E. S. W. and descend.

36.00 Cross Gulch, 10 lks. wide, Course N. E. and ascend.

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

67.00 Top of Spur, bears N. 15° E. & S. 15° W. and descend.

70.00 Cross low Sag and ascend.

80.23 Intersect N. B. of Tp. 10 lks. W of cor. to secs.
 previously set by me.

12.35, 86 from which corner, I run

S. 11° W. on a true line, between sections 1, 2

Variation 13° 46' East.

40.23 Set a Sand stone 21 x 11 x 9 ins., 15
 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 Juniper 13 ins. diam. bears N. 20° E. . 6 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

A Pine 17 ins. diam. bears S. 50° W. 1.85 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

80.23 The corner to sections 1, 2, 11 & 12

Land mountainous

Soil 3rd rate.Timber of
VegetationPine, Juniper, Oak,
Grass.

Township 11 N Range 18 E

BOOK 70 Gila and Salt River Meridian.

5 64 J.
Chains

From the corner to sections 34, 35, 20 & 21 previously set by me. ^{Prin}
North, between Sections 34 and 35.

Variation 14° 12' East.

Descend.

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

67.00 Descend. abruptly.

80.00 A Pine 18 ins. diam. which I marked T. 11 N. S. 26 on N. E. R. 18 E, S. 33 on S. E. S. 34 on S. W. and S. 27 on N. W. faces, with 1 notch on S. and 2 notches on E. edges, for Cor. to Secs. 26, 27, 34 & 35 from which

A Pine 15 ins. diam. bears N. 40° W. 23 lks. dist. marked T. 11 N. R. 18 E., S., 27 B. T.

A Pine 9 ins. diam. bears S. 70° W. 73 lks. dist. marked T. 11 N. R. 18 E., S., 34 B. T.

A Pine 8 ins. diam. bears S. 42° E. 1.00 lks. dist. marked T. 11 N. R. 18 E., S., 33 B. T.

An Oak 7 ins. diam. bears N. 56° E. 1.10 lks. dist. marked T. 11 N. R. 18 E., S., 26 B. T.

Land mountainous

Soil good rate.

Timber of Pine, Oak, Juniper, Spruce
Vegetation Grass.

Township 11 N. Range 18 E.

Gila and Salt River

Meridian.

BOOK 70

Chains

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

Variation 14° 13' East.

Descend.

- 1.00 Cross Wash, 9 lks. wide, Course N. and ascend.
 11.00 Top of Hill bears N. 10° E. & S. 10° W. and descend.
 20.50 Cross Wash, 9 lks. wide, Course N. and ascend.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 58.00 Top of Spur, bears N. E. & S. W. and descend.
 62.00 Cross Wash, 11 lks. wide, Course N. and ascend.
 80.02 Intersect N. & S. line, 35 lks. S. of cor. to secs.
25.26.35 & 36 from which corner, I run
S. 89° 45' W. on a true line between sections 26 & 35

Variation 14° 12' East.

- 40.01 Set a Sand stone 17 x 9 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. from which
 A Yellow Pine 9 ins. diam. bears S. 80° W. . 60 lks. dist. marked $\frac{1}{4}$ S. B. T.
 White Oak 6 ins. diam. bears N. 15° E. . 89 lks. dist. marked $\frac{1}{4}$ S. B. T.
 80.02 The corner to sections 26. 27. 34. & 35 -
 Land mountainous
 Soil 3rd rate.
 Timber of Pine, Oak, Juniper & Spruce
 Vegetation Grass.

Township 11 N. Range 18 E.

BOOK 70

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 14° 13' East.

Descend.

18.25 - Cross Wash, 15 lks. wide, Course N. 30° E. and ascend.

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

40.00 Set a Sand stone 30 x 20 x 5 ins., 22 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 Yellow Pine 10 ins. diam. bears N. 50° W. 30 lks. dist. marked $\frac{1}{4}$ S. B. T.

An Oak 7 ins. diam. bears N. 47° E. 1 lks. dist. marked $\frac{1}{4}$ S. B. T.

53.00 Cross Wash, 40 lks. wide, Course N. W. and ascend.

80.00 Set a Flint stone 18 x 12 x 5 ins. 12 ins. in the ground for Cor. to Secs. 22, 23, 26 & 27 marked with 2 notches on S. and 2 notches on E. edges and raised a mound of stone. alongside, Pits impracticable.

A Yellow Pine 10 ins. diam. bears N. 88° E. 28 lks. dist. marked T. // N. R. 18 E., S., 23 B. T.

A Yellow Pine 12 ins. diam. bears N. 65° W. 59 lks. dist. marked T. // N. R. 18 E., S., 22 B. T.

A Yellow Pine 7 ins. diam. bears S. 15° W. 2.28 lks. dist. marked T. // N. R. 18 E., S., 27 B. T.

A Yellow Pine 22 ins. diam. bears S. 33° E. 16 lks. dist. marked T. // N. R. 18 E., S., 26 B. T. Land mountainous

Soil 3rd rate.

Timber of Pine, Oak & Juniper.
Vegetation Grass.

Township

11 N.

Range

18 E.

Gila and Salt River

Meridian.

Chains

BOOK 10

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

Variation $14^{\circ} 13'$ East.*Ascend.*

2.27 Top of Spur, bears S. & N.

7.57 *Descend.*29.00 Cross Wash, 15- lks. wide, Course $N. 27^{\circ} E.$ and ascend.40.00 Set temporary $\frac{1}{2}$ sec. cor.48.00 Top of Hill bears $N. 33^{\circ} E.$ & $S. 33^{\circ} W.$ and descend.

79.89 Intersect N. & S. line, 19 lks. S. of cor. to secs.

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

 $S. 89^{\circ} 52' W.$ on a true line between sections 23 & 26Variation $14^{\circ} 12'$ East.

39.95- 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.

79.89 The corner to sections 22, 23, 26 & 27

Land mountainous

Soil 3rd rate.

Timber of Pine, Juniper, Oak,

Vegetation Grass.

Township 11 N. Range 18 E.

BOOK 10 Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation 14° 13' East.

Descend.

6.00 Enter Willow Creek Valley Camp N.

37.00 Willow Cross Creek, 20 lks. wide, Course N. 20° E.

40.00 Set a sand stone 24" x 12" x 3 ins., 18

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. from which

An Oak 11 ins. diam. bears N. 80° W. 43 lks. dist. marked $\frac{1}{2}$ S. B. T.

A Yellow Pine 36 ins. diam. bears N. 45 $\frac{1}{2}$ ° E. 74 lks. dist. marked $\frac{1}{2}$ S. B. T.

56.40 Willow Cross Creek, 20 lks. wide, Course N. 45° W.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 14, 15, 22, 23 marked T. 11 N.

S. 14 on N. E., E. 18 E., S. 23 on S. E., S. 22 on S. W. and S. 10 on N. W. faces, with 3 notches on S and 2 notches on E. edges; from which

A Yellow Pine 7 ins. diam. bears N. 15° E. 174 lks. dist. marked T. 11 N. R. 18 E., S. 23 B. T.

A Yellow Pine 16 ins. diam. bears S. 27 $\frac{1}{2}$ ° W. 210 lks. dist. marked T. 11 N. R. 18 E., S. 22 B. T.

A Yellow Pine 8 ins. diam. bears N. 64° E. 111 lks. dist. marked T. 11 N. R. 18 E., S. 14 B. T. No other tree within limits.

Land mountainous. & rolling.

Soil 2nd & 3rd rate,

Heavy timber of Pinus Oak & Juniper.
Vegetation Grass.

17 Township 11 N. Range 18 E.
Gila and Salt River Meridian.

BOOK 70

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

Variation 14° 13' East.

Over Valley through timber.

10.00 Leave Valley, bears N. 8° W. & S. 8° E. and ascend.

24.00 Top of Hill bears N. 10° W. & S. 10° E.

34.00 Descend.

38.00 Enter Valley, bears, N. 21° E. & S. 21° W.

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

54.00 Cross Wash, 13 lks. wide, Course N.

58.00 Leave Valley, bears N. 21° E. & S. 21° W. and ascend.

79.58 Intersect N. & S. line, 20 lks. N. of cor. to secs.

13.14.23 & 24 from which corner, I run

N. 89° 49' W. on a true line between sections

Variation 14° 13' East.

39.79 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which

A Juniper 8 ins. diam. bears N. 16 $\frac{1}{2}$ ° E. 1.14 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Pine 24 ins. diam. bears S. 73 $\frac{1}{4}$ ° W. 1.00 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.58 The corner to sections 14. 15. 22 & 23

Land rolling.

Soil 3rd rate.

Heavy timber of Pine Oak & Juniper.

Vegetation Grass.

Township 11 N. Range 18 E.
BOOK 70 Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation 14° 13' East.

Over rolling land.

23.00
27.50
33.75
38.90
40.00

48.00
53.00
59.00
61.00
69.00
80.00

Ascend.
Top of Spur, bears N. 83° W. & S. 83° E. and descend.
Enter Valley, bears N. 18° E. & S. 18° W.
^{Willow} Cross Creek, 1 1/2 lks. wide, Course N. 33° E.
Set a post 3 ft. long, 3 ins. diam. with marked stone.
12 ins. in the ground, for $\frac{1}{4}$ 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.
Leave Valley, bears N. E. & S. W. and ascend
Top of Ridge, bears N. 23° E. & S. 23° W.
Descend.
Enter Valley, bears N. W. & S. E.
Leave Valley, bears N. W. & S. E. and ascend
Set a post 4 ft. long, 4 ins. square, 2 1/2 ins. in the ground,

for Cor. to Secs. 10, 11, 14 & 15 marked T. 11 N.
S. 11 on N. E., R. 18 E., S. 14 on S. E., S. 10 on
S. W. and S. 18 on N. W. faces, with 4 notches on
S. and 2 notches on E. edges; from which
A Pine 7 ins. diam. bears N. 68 1/2° E. 74 lks. dist.
marked T. 11 N. R. 18 E., S., 11 B. T.
A Pine 20 ins. diam. bears S. 16° E. 53 lks. dist.
marked T. 11 N. R. 18 E., S., 14 B. T.
A Juniper 14 ins. diam. bears S. 25° W. 1.62 lks. dist.
marked T. 11 N. R. 18 E., S., 15 B. T.
A Juniper 7 ins. diam. bears N. 57° W. 1.4 lks. dist.
marked T. 11 N. R. 18 E., S., 10 B. T.
Land mountainous & rolling.

Soil 2nd & 3rd rate,
Heavy timber of Pine & Juniper.
Vegetation Grass.

19 Township 11 N. Range 18 E.
BOOK 10 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 13'$ East.

Ascend.

1.50 Top of Ridge, bears NW. & S. E., and descend.

6.00 Enter Valley, bears, N. & S.

16.50 Cross Creek, 1/2 wide, Course

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

42.25 Ascend.

52.00 Top of Mesa bears N. & S.

71.00 Leave Mesa bears N. 10 E. and descend.

74.20 Enter Valley.

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

11. 12. 13 & 14 from which corner, I run

$S. 89^{\circ} 54'$ W. on a true line between sections 11 & 14

Variation $14^{\circ} 13'$ East.

39.95 - Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on N. face; from which

A Pine 8 ins. diam. bears N. 20 E. 1.0 lks. dist.
marked $\frac{1}{2}$ S. B. T.

A Pine 8 ins. diam. bears S. 47 E. .7 lks. dist.
marked $\frac{1}{2}$ S. B. T.

79.90 The corner to sections 10. 11. 14 & 15
Land rolling.

Soil 3rd rate,

Heavy timber of Pine & Juniper
Vegetation Grass

May 18, 1883

Township

11 N.

Range

18 E.

BOOK 70

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation $14^{\circ} 13'$ East.

Ascend.

1.16

Top of Ridge, bears $N. 30^{\circ} W.$, $S. 30^{\circ} E.$ and descend.

10.00

Cross low Sag and ascend.

21.10

Cross General's Brooks road bears $E. 11^{\circ} W.$

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which

A Juniper 7 ins. diam. bears $N. 14^{\circ} E.$ 1.27 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 10 ins. diam. bears $S. 8^{\circ} W.$.10 lks. dist. marked $\frac{1}{4}$ S. B. T.

48.50
65.00
98.00
80.00

Top of Hill bears $N. 70^{\circ} E.$, $S. 70^{\circ} W.$ and descend. Enter Valley, bears $E. 11^{\circ} W.$

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 2, 3, 10, 11 marked T. 11 N.

S. 2 on N. E., R. 18 E., S. 11 on S. E., S. 10 on S. W. and S. 3 on N. W. faces, with 3 notches on S. and 2 notches on E. edges; from which

A Yellow Pine 10 ins. diam. bears $N. 46^{\circ} E.$ 2.80 lks. dist. marked T. 11 N. R. 18 E., S. 2 B. T.

A Yellow Pine 24 ins. diam. bears $N. 20^{\circ} W.$.70 lks. dist. marked T. 11 N. R. 18 E., S. 3 B. T.

A Yellow Pine 7 ins. diam. bears $S. 18^{\circ} E.$.20 lks. dist. marked T. 11 N. R. 18 E., S. 11 B. T.

A Juniper 7 ins. diam. bears $S. 32^{\circ} W.$.19 lks. dist. marked T. 11 N. R. 18 E., S. 10 B. T.

Land mountainous & rolling.

Soil 3rd rate.

Timber of Pine & Juniper.

Vegetation Grass.

Township 11 N Range 18 E

Gila and Salt River

Meridian.

BOOK 70

Chains

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

- Variation $14^{\circ} 13'$ East,
 Over Valley through Timber,
 22.30 ^{Yellow} Cross Creek, 16 lks. wide, Course N.
- 27.20 Cross Wash, 21 lks. wide, Course N. 13° W.
- 29.00 Leave Valley, bears N. & S. and ascend
- 38.00 Top of Mesa bears N. 35° E.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 58.00 Leave Mesa bears N. 8° W. and descend.
- 68.00 Cross Gulch, 15 lks. wide, Course N. 30° W. and ascend.
- 74.50 Top of Mesa bears N. 10° E.
- 80.10 Intersect N. & S. line, 20 lks. N. of cor. to sec.
 1, 2, 11 & 12 from which corner, I run
N. 89° 57' W. on a true line between sections 2 & 11
 Variation $14^{\circ} 14'$ East.
- 400.0 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which
 A Juniper 8 ins. diam. bears N. 15° E. 1.16 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
- A Pine 13 ins. diam. bears S. 24° E. .57 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
- 82.10 The corner to sections 2, 3, 10 & 11
 Land mountainous. & rolling.
 Soil 2nd & 3rd rate,
 Heavy timber of Pine & Juniper
 Vegetation Grass.

Township 11 N. Range 18 E.
 BOOK 70 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 13'$ East.

Over Valley through Timber.

- 4.00 Cross Wash, 8 lks. wide, Course E.
- 17.00 Leave Valley, bears E. & W. and ascend.
- 24.00 Top of Ridge, bears N. 75° E. & S. 75° W.
- 28.00 Descend. gradually along W. slope.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.07 Intersect N.B. of Tp. 10 lks. E. of cor. to secs. previously set by me.

2334.35 - from which corner, I run

S. 4' E. on a true line, between sections 2 & 3

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

- 40.07 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which
 A Juniper 13 ins. diam. bears S. 15° W. 1.33 lks. dist. marked $\frac{1}{4}$ S. B. T.
- A Pine 8 ins. diam. bears S. $24\frac{1}{2}^{\circ}$ E. 2.07 lks. dist. marked $\frac{1}{4}$ S. B. T.

80.07 The corner to sections 2, 3, 10 & 11

Land mountainous & rolling.

Soil 2nd & 3rd rate.

Timber of Pine, Juniper & Oak
 Vegetation Grass.

Township 11 N. Range 18 E.

Gila and Salt River Meridian.

BOOK 10

from the corner to sections, 33, 34, 30, 14 S. 13 & 26, previously set by me.

Chains 1 mile North, between Sections 33 and 34.

Variation 14° 14' East.

Ascend.

- 8.00 Top of Spur, bears S. W. N. E. and descend.
- 15.00 Cross Wash, 8 lks. wide, Course 43° W and ascend.
- 26.64 Top of Ridge, bears N. 37½° W. S. 37½° E. and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face; from which
A Yellow Pine 17 ins. diam. bears N. 20° E. 70 lks. dist. marked ¼ S. B. T.
- A Yellow Pine 10 ins. diam. bears N. 33° W. 1.4 lks. dist. marked ¼ S. B. T.
- 45.38 Cross Wash, 0 lks. wide, Course N. 46¼° W and ascend.
- 49.00 Top of Spur, bears N. W. S. E. and descend.
- 53.00 Cross Wash, 0 lks. wide, Course N. 15° W. and ascend.
- 80.00 A Pine 20 ins. diam. which I marked T. 11 N. S. 27 on N. E. R. 18 E. S. 34 on S. E. S. 33 on S. W. and S. 28 on N. W. faces, with 1 notch on S. and 3 notches on E. ^{faces} edges, for
Cor. to Secs. 27-28-33-34 from which
A Pine 5 ins. diam. bears N. 40° E. 1.00 lks. dist. marked T. 11 N. R. 18 E., S. 27 B. T.
A Pine 20 ins. diam. bears N. 21° W. .96 lks. dist. marked T. 11 N. R. 18 E., S. 28 B. T.
A Pine 16 ins. diam. bears S. 76° W. .30 lks. dist. marked T. 11 N. R. 18 E., S. 33 B. T.
A Pine 7 ins. diam. bears S. 8° E. .22 lks. dist. marked T. 11 N. R. 18 E., S. 34 B. T.

Land mountainous

Soil 3rd rate.

Timber of Pine.

Vegetation Grass.

Township

11 N

Range

18 E.

Gila and Salt River Meridian.

BOOK 70

Chains

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

Variation $14^{\circ} 13'$ East.

Descend.

18.15 Cross Wash, 7 lks. wide, Course N.W. and ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.70.00 Top of Ridge, bears N. 11° E. & S. 11° W. and descend.

73.00 Cross Wash, 10 lks. wide, Course N. and ascend.

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

26. 27. 34 & 33 From which corner, I run

S. $89^{\circ} 53'$ W. on a true line between sections 27 & 34Variation $14^{\circ} 13'$ East.

40.11 Set a Sand stone $12 \times 10 \times 7$ 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.

80.21 The corner to sections 27. 28. 33 & 34

Land mountainous

Soil 3rd rate.

Timber of Pine, Oak & Juniper.

Vegetation Grass.

Township

11 N

Range

18 E

BOOK 70

Gila and Salt River

Meridian.

Chains

North, between Sections 27 and 28.

Variation $14^{\circ} 18'$ East.

Descend.

21.00 Cross Wash, 15 lks. wide, Course NW and ascend.

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, and raised a mound of stone $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base around post. Pits impracticable. and descend.

80.00 A Pine 10 ins. diam.

which I marked T // N. S. 22 on N. E. R. / 8 E. S. 27 on
 S. E. S. 28 on S. W. and S. 21 on N. W. faces, with
 2 notches on S. and 3 notches on E. ^{faces} edges, for
 Cor. to Secs. 21, 22, 27, & 28 from which

A Yellow Pine 9 ins. diam. bears S. 76° E. 17 lks. dist.
 marked T // N. R. 18 E., S., 27 B. T.

A Yellow Pine 15 ins. diam. bears S. 45° W. 30 lks. dist.
 marked T // N. R. 18 E., S., 28 B. T.

A Yellow Pine 11 ins. diam. bears N. $41\frac{1}{2}^{\circ}$ E. 17 lks. dist.
 marked T // N. R. 18 E., S., 29 B. T.

A Pine 7 ins. diam. bears N. 57° W. 46 lks. dist.
 marked T // N. R. 18 E., S., 21 B. T.

Land mountainous

Soil 3rd rate.

Timber of Pine, Oak, Spruce, Juniper.
 Vegetation Grass,

Township 11 N Range 18 E
 BOOK 10 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 13'$ East.

Descend. *gradually.*

27.00 Cross Wash, 15 lks. wide, Course *N.*, and
 Enter Valley, bears, *N. 18° W. S. 18° E.*

38.00 Leave Valley, bears *N. & S.* and ascend.

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

42.00 Top of Hill bears *N. & S.* and descend.

57.00 Enter Valley, bears, *N. & S.*

A Spring, bears *S.* 23.00 chs. and is
 the head of Willow-Creek.

67.00 Cross Creek, 10 lks. wide, Course *N. 15° E.*

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

22.28. 26.27 from which corner, I run

$89^{\circ} 56'$ W. on a true line between sections 22 & 27

40.21 Set a post 3 ft. long, 3 ins. diam. with marked stone. Variation $14^{\circ} 13'$ East.

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

N. face, and raised a mound of stone $1\frac{1}{2}$ ft. high,

$3\frac{1}{2}$ ft. base around post. Pits impracticable.

80.42 The corner to sections 21. 22. 27. 28.

Land mountainous & rolling.

Soil *good* rate.

Timber of *Pine & Juniper.*

Vegetation *Grass.*

Township

11 N. Range

18 E.

BOOK 70

Gila and Salt River

Meridian.

Chains North, between Sections 21 and 22.

Variation 14° 13' East.

Descend.

- 11.15 Enter Valley, bears N. 56° W. & S. 56° E.
- 20.75 Cross Wash, 15 lks. wide, Course N. 50° W.
- 23.50 Leave Valley, bears N. 70° W. & S. 70° E. and ascend.
- 40.00 Set a Sand stone 26 x 15 x 4 ins., 19 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which
- A Yellow Pine 5 ins. diam. bears S. 86° W. .00 lks. dist. marked 1/4 S. B. T.
- An Oak 20 ins. diam. bears S. 67° E. 1.00 lks. dist. marked 1/4 S. B. T.
- 65.00 Top of Ridge, bears N. W. & S. E. and descend.
- 70.22 Cross Wash, 10 lks. wide, Course N. 30° W. and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 15, 16, 21, & 22 marked T. 11 N. S. 15 on N. E., E. 18 E., S. 12 on S. E., S. 21 on S. W. and S. 16 on N. W. faces, with 3 notches on S and 3 notches on E. edges; from which
- A Yellow Pine 28 ins. diam. bears S. 10° E. .90 lks. dist. marked T. 11 N. R. 18 E., S. 22 B. T.
- A Yellow Pine 16 ins. diam. bears N. 72° E. 1.76 lks. dist. marked T. 11 N. R. 18 E., S. 15 B. T.
- A Yellow Pine 7 ins. diam. bears N. 68° W. .80 lks. dist. marked T. 11 N. R. 18 E., S. 19 B. T.
- An Oak 16 ins. diam. bears S. 8° W. .21 lks. dist. marked T. 11 N. R. 18 E., S. 21 B. T.

Soil 3rd & 2nd rate.

Timber of Pine & Oak
Vegetation Grass. May 19, 1883

Chains East, on a random line between Sections 15 and 22.
 Variation 14° 14' East.

Ascend.

7.00 Top of Mesa bears N. 40° E. 0 S. 40° W.
 40.00 Set temporary $\frac{1}{4}$ sec. cor. and descend.
 44.00 Enter Valley, bears N. S.
 60.00 Yellow and Cotton W.
 80.17 Intersect N. & S. line, 18 lks. N. of cor. to secs.

14. 15. 22 & 23 from which corner, I run
N. 89° 52' W. on a true line between sections 15 & 22
 Variation 14° 13' East.

40.08 Set a Sand stone 15 x 11 x 7 ins., 10
 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 11 ins. diam. bears N. 20° E. 1. $\frac{1}{4}$ lks. dist.
 marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 20 ins. diam. bears S. 67 $\frac{1}{2}$ ° W. 2.16 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

80.17 The corner to sections 15. 16. 21 & 22

Land rolling.
 Soil 2nd & 3rd rate,

Heavy timber of Pine, Oak & Juniper,
 Vegetation Grass.

Township 11 N. Range 18 E.

Gila and Salt River

Meridian.

BOOK 70

Chains

North, between Sections 15 and 16.

Variation 14° 14' East.

Ascend.

16.25 Top of Mesa bears N.W. & S.E.
 40.00 Set a Sand stone 20 x 8 x 5 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.

43.00 Leave Mesa bears N. 57° E. and descend.

55.00 Enter Valley, bears, N. 48° E. & S. 48° W.

37.00 Cross Wash, 20 lks. wide, Course N. 43° E.

62.00 Cross Road, bears, N. 58° E. & S. 58° W.

80.00 Set a Sand stone 24 x 16 x 8 ins. 18 ins.
in the ground for Cor. to Secs. 9, 10, 15, 16 marked
with 4 notches on S. and 3 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. alongside

A Yellow Pine 15 ins. diam. bears $S. 47^{\circ} W.$ 64 lks. dist
marked T. // N. R. 18 E., S., 16 B. T.

A Yellow Pine 7 ins. diam. bears $S. 16^{\circ} E.$ 19 lks. dist.
marked T. // N. R. 18 E., S., 15 B. T.

A Juniper 8 ins. diam. bears $N. 28^{\circ} E.$ 1.2 lks. dist.
marked T. // N. R. 18 E., S., 16 B. T.

An Oak 13 ins. diam. bears $N. 82^{\circ} W.$ 37 lks. dist.
marked T. // N. R. 18 E., S., 9 B. T.

Land rolling.

Soil 2nd & 3rd rate.

Heavy timber of Pine, Oak & Juniper.
 Vegetation Grass.

Township 11 N Range 18 EBOOK 70

Gila and Salt River Meridian.

Chains

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

Variation 14° 14' East.

Ascend.

- 15.00 Top of Hill bears N. 20° E. S. 20° W. and descend.
- 30.00 Enter Valley, bears N. 22° E.
- 31.28 Cross Road, bears, S. 27° W., N. 27° E.
- 34.00 Cross Wash, 8 lks. wide, Course N. O.
- 37.50 Cross Wash, 8 lks. wide, Course N. 54° E.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 42.15 Leave Valley, bears N. & S. and ascend.
- 47.00 Top of Hill bears N. 10° E. & S. 10° W. and descend.
- 53.00 Enter Valley, bears, N. W. & S. E.
- 74.60 Leave Valley, bears N. W. & S. E. and ascend.
- 80.10 Intersect N. & S. line, 13 lks. S. of cor. to secs.
10. 11. 14 & 15 - from which corner, I run
89° 57' W. on a true line between sections 10 & 15
 Variation 14° 13' East.
- 40.00 - Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which
 A Pine 10 ins. diam. bears N. 20° W. 1.75 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 An Oak 17 ins. diam. bears S. 78° E. .57 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
- 80.10 The corner to sections 9. 10. 15 & 16
 Land rolling
 Soil 2nd & 3rd rate,
 Heavy timber of Pine, Oak, Juniper.
 Vegetation Grass.

Township 11 N Range 18 E

Gila and Salt River Meridian.

BOOK 70

Chains

North, between Sections 9 and 10.

Variation 14° 11' East.

- Over rolling land.
- 8.00 Cross Wash, 75 lks. wide, Course N. W.
- 11.00 Cross Wash, 15 lks. wide, Course N. 15° E.
- 14.00 Cross Wash, 10 lks. wide, Course N. 63° W.
- 27.00 Cross Wash, 10 lks. wide, Course N. 60° W.
- 30.00 Leave Valley, bears N. 70° W. 870' and ascend.
- 35.00 Top of Ridge, bears N. 40° W. 840' and descend.
- 40.00 A Yellow Pine 8 ins. diam. which I marked $\frac{1}{4}$ S. on W. face, for $\frac{1}{4}$ sec. cor., dug pits, 18 x 18 x 12 ins. N. and S. of tree, 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth around tree.
- 80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 9, 10 marked T. 11 N.
S. 3 on N. E., R. 18 E., S. 10 on S. E., S. 9 on S. W. and S. 4 on N. W. faces, with 3 notches on S. and 3 notches on E. edges; from which
 A Juniper 18 ins. diam. bears N. 21° E. .65 lks. dist. marked T. 11 N. R. 18 E., S. 3 B. T.
 A Pine 24 ins. diam. bears N. 56° W. 1.67 lks. dist. marked T. 11 N. R. 18 E., S. 4 B. T.
 A Pine 26 ins. diam. bears S. 37° E. .73 lks. dist. marked T. 11 N. R. 18 E., S. 10 B. T.
 A Juniper 7 ins. diam. bears S. 72° W. .20 lks. dist. marked T. 11 N. R. 18 E., S. 9 B. T.
- Land mountainous & rolling.
- Soil good 3rd rate.
- Timber of Pine & Juniper.
- Vegetation Grass.

Township 11 N. Range 18 E.
BOOK 170 Gila and Salt River Meridian.

32

Chains

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

Variation $14^{\circ} 12'$ East.

Ascend.

- 9.50 Top of Ascent - bears N. W. & S. E. and descend.
- 21.40 Cross Wash, 15 - lks. wide, Course N., and ascend.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 42.00 Top of Hill bears N. & S. and descend.
- 50.00 Enter Valley, bears N. 15° E. & S. 15° W.
- 56.65 - Cross Wash, 20 lks. wide, Course N. $17\frac{1}{2}^{\circ}$ E.
- 79.98 Intersect N. & S. line, 5 lks. S. of cor. to secs.
2. 3. 10 & 11 from which corner, I run
S. $89^{\circ} 58'$ W. on a true line between sections 3 & 10
Variation $14^{\circ} 13'$ East.
- 39.99 A Pine 13 ins. diam. which I marked $\frac{1}{4}$ S. on N.
face, for $\frac{1}{4}$ Sec. Cor.; from which
- A Yellow Pine 16 ins. diam. bears N. 15° W. 140 lks. dist.
marked $\frac{1}{4}$ S. B. T.
- A Yellow Pine 14 ins. diam. bears S. 10° E. 23 lks. dist.
marked $\frac{1}{4}$ S. B. T.
- 79.98 The corner to sections 3. 4. 9. 10
Land mountainous & rolling.
Soil 2nd & 3rd rate.
Timber of Pine, Juniper & Oak.
Vegetation Grass.

Township 11 N. Range 18 E.
 BOOK 70 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 12'$ East.

Descend.

- 27.00 Enter Valley, bears, N. E. & S. W.
 34.40 Cross Wash, 16 lks. wide, Course N. 26° E.
 36.00 Cross Road, bears, N. 30° E. & S. 30° W.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 52.00 Leave Valley, bears N. 70° E. & S. 70° W. and ascend.
 60.00 Top of mesa bears N. 70° E.
 79.86 Intersect N. & S. line, ^{by 57} 18 lks. W. of cor. to secs.
 previously set by me.
 3. 4. 33 & 34 from which corner, I run
 S. 8' W. on a true line between sections 3 & 4
 Variation $14^{\circ} 14'$ East.
 39.86 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which
 A Pine 15 ins. diam. bears S. $27\frac{1}{2}^{\circ}$ E. 1.2 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 An Oak 11 ins. diam. bears N. $36\frac{1}{4}^{\circ}$ W. 2.00 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 79.86 The corner to sections 3. 4. 9. 10
 Land rolling.....
 Soil 2nd & 3rd rate,
 Heavy timber of Pine, Oak & Juniper
 Undergrowth of Grass.

Township 11 N. Range 18 E.

BOOK 70

Gila and Salt River Meridian.

~~From the corner to sections, 4, 5, 32 & 33 on S Ry of Sp~~
previously set by me.

Chains

North, between Sections 32 and 33.

Variation 14° 14' East.

Ascend.

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

21.00 Cross Wash, 16 lks. wide, Course 50° W and ascend.

40.00 Set a Sand stone 10 x 12 x 5 ins., 11
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.

face, and raised a mound of stone. alongside.

impracticable.

Pits from which

A Yellow Pine 10 ins. diam. bears N. 20° E. 110 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 12 ins. diam. bears S. 35° W. 75 lks. dist.
marked $\frac{1}{4}$ S. B. T.

55.20 Top of Ridge, bears N. 77 1/2° W. S. 77 1/2° E. and descend.

80.00 Set a Sand stone 30 x 10 x 5 ins. 22 ins. in
the ground for Cor. to Secs. 28, 29, 32 & 33 marked

with 1 notch on S. and 4 notches on E. edges and
raised a mound of stone. alongside. Pits impracticable.

A Pine 16 ins. diam. bears S. 20° E. 40 from which
marked T. // N. R. 18 E., S., 33 B. T. lks. dist.

A Pine 20 ins. diam. bears S. 62° W. 29 lks. dist.
marked T. // N. R. 18 E., S., 32 B. T.

A Pine 17 ins. diam. bears N. 27° E. 1.65 lks. dist.
marked T. // N. R. 18 E., S., 28 B. T.

An Oak 11 ins. diam. bears N. 76 1/2° W. 1.63 lks. dist.
marked T. // N. R. 18 E., S., 27 B. T.

Land mountainous

Soil 2nd & 3rd rate.

Timber of Pine & Oak.

Vegetation Grass

May 21. 1883

Township 11 N. Range 18 E.

Gila and Salt River Meridian.

BOOK 70

Chains

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

Variation 14° 14' East.

Descend.

- 2.00 Cross Wash, 11 lks. wide, Course N. and ascend.
 21.00 Top of Spur, bears N. & S. and descend.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 45.00 Cross Wash, 17 lks. wide, Course N. 5° E. and ascend.
 54.00 Top of Spur, bears N. & S. and descend.
 73.00 Cross Wash, 7 lks. wide, Course N. 20° W. and ascend.
 79.91 Intersect N. & S. line, 21 lks. N. of cor. to secs.

79.28.33 & 34 from which corner, I run

N. 89° 51' W. on a true line between sections 28 & 33

Variation 14° 13' East.

- 39.96 Set a Sand stone 21 x 7 x 7 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. from which

A Yellow Pine 10 ins. diam. bears N. 20° E. 1.10 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 7 ins. diam. bears S. 67° W. 2.20 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

79.91 The corner to sections 28. 29. 32 & 33

Land mountainousSoil 3rd rate.

Timber of Pine, Oak & Spruce,
 Vegetation Grass.

Township 11 N. Range 18 E

BOOK 70

Gila and Salt River Meridian.

Chains North, between Sections 28 and 29.

Variation 14° 14' East.

Descend.

11.00 Enter Valley, bears N. 6° W. & S. 6° E.
 40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for 1/2 Sec. Cor., marked 1/2 S. on W. face; from which
 An Oak 10 ins. diam. bears S. 24 1/2° W. 82 lks. dist.
 marked 1/2 S. B. T.
 A Pine 38 ins. diam. bears S. 45° E. 40 lks. dist.
 marked 1/2 S. B. T.

54.50
80.00

Cross Wash, 21 lks. wide, Course N. E.
 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
 for Cor. to Secs. 20, 21, 28 & 29 marked T. 11 N.
 S. 21 on N. E., R. 18 E., S. 28 on S. E., S. 29 on
 S. W. and S. 20 on N. W. faces, with 2 notch on
 S. and 4 notch on E. edges; from which

A Yellow Pine 11 ins. diam. bears N. 46 1/2° W. 128 lks. dist.
 marked T. 11 N. R. 18 E., S. 20 B. T.
 A Yellow Pine 6 ins. diam. bears N. 9 1/4° E. 217 lks. dist.
 marked T. 11 N. R. 18 E., S. 21 B. T.
 White Oak 10 ins. diam. bears S. 75° E. 78 lks. dist.
 marked T. 11 N. R. 18 E., S. 28 B. T.
 A Yellow Pine 17 ins. diam. bears S. 10° W. 58 lks. dist.
 marked T. 11 N. R. 18 E., S. 29 B. T.

Land mountainous & rolling.

Soil 3rd rate,

Heavy timber of Pinyon Oak & Juniper.
 Vegetation 9

Township 11 N. Range 18 E.

BOOK 70

Gila and Salt River Meridian.

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

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

Over Valley through Timber

14.17 Cross Wash, 17 lks. wide, Course $N. 29^{\circ} E$ Over broken land.40.00 Set temporary $\frac{1}{2}$ sec. cor.

43.00 Leave broken surface bears N. & S.

43.72 Cross Wash, 22 lks. wide, Course $N. 36^{\circ} E$.

49.00 Leave Valley, bears N. & S. and ascend.

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

21.22.27.28 from which corner, I run

 $N. 89^{\circ} 49' W.$ on a true line between sections 21.28Variation $14^{\circ} 13'$ East.40.15 Set a Sand stone $27 \times 12 \times 9$ ins., 21 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 11 ins. diam. bears $N. 21\frac{1}{2}^{\circ} E$. 1.6 lks. dist. marked $\frac{1}{2}$ S. B. T.A Pine 7 ins. diam. bears $S. 63^{\circ} W$. 2.06 lks. dist. marked $\frac{1}{2}$ S. B. T.80.30 The corner to sections 20.21.28.29
Land mountainous & rolling.Soil 3rd rate,Heavy timber of Pine, Juniper, Oak, Spruce
Vegetation Grass

Township 11 N. Range 18 E.

LOOK TO Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation 104° 14' East.

Over rolling land.

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face; from which
A Pine 23 ins. diam. bears N. 78 1/2° W. 26 lks. dist.
marked 1/4 S. B. T.

A Pine 17 ins. diam. bears S. 70° E. 1.64 lks. dist.
marked 1/4 S. B. T.

64.20

Cross Wash, 10 lks. wide, Course N. 41 1/2° E.

66.00

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

66.20

Leave Valley, bears N. 40° E. & S. 40° W. and ascend.

80.00

Set a Sand stone 26 x 10 x 7 ins. 19 ins. in the ground for Cor. to Secs. 16, 17, 20 & 21 marked

with notches on S. and 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable

A Pine 15 ins. diam. bears N. 41 1/4° W. 2.27 lks. dist.
marked T. // N. R. 18 E., S. 17 B. T.

A Pine 10 ins. diam. bears N. 26° E. 2.97 lks. dist.
marked T. // N. R. 18 E., S. 16 B. T.

A Pine 9 ins. diam. bears S. 42° W. 2.75 lks. dist.
marked T. // N. R. 18 E., S. 20 B. T.

A Pine 9 ins. diam. bears S. 35° E. 2.0 lks. dist.
marked T. // N. R. 18 E., S. 21 B. T.

Land rolling. & mountainous.

Soil good rate.

Heavy timber of Pine, Juniper, Oak & Spruce.
Vegetation Grass.

Township 11 N Range 18 E

BOOK TO

Gila and Salt River Meridian.

Chains

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

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

Descend. *gradually.*

8.00 Enter Valley, bears, *N. 24° E.*

16.00 Cross ^{Wood} Road, bears, *N. 10° E. & S. 10° W.*

19.00 Cross Wash, 19 lks. wide, Course *N. 17 1/4° E.*

39.40 Cross Wash, 19 lks. wide, Course *N. 33° W.*

Leave Valley, bears *N. 20° W. & S. 20° E.*, and ascend.

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

53.00 Top of Ridge, bears *N. 16° W. & S. 16° E* and descend.

78.00 Cross Wash, 12 lks. wide, Course *N. 12° W.* and ascend.

80.21 Intersect N. & S. line, 43 lks. *N.* of cor. to secs.

15.16. 21 & 22 from which corner, I run

N. 89° 42' W. on a true line between sections 16 & 21

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

40.11 Set a Sand stone $14 \times 10 \times 7$ 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. from which

An Oak 7 ins. diam. bears *N. 4° E.*, .03 lks. dist. marked $\frac{1}{2}$ S. B. T.

A Yellow Pine 20 ins. diam. bears *S. 29 1/2° W.*, 7 1/2 lks. dist. marked $\frac{1}{2}$ S. B. T.

80.21 The corner to sections 16. 17. 20 & 21

Land rolling. & mountainous.

Soil 2^{nd} & 3^{rd} rate.

Timber of *Pine, & Oak,*

Vegetation *Grass.*

Township

11 N. Range

18 E.

Gila and Salt River Meridian.

BOOK 70

Chains

North, between Sections 16 and 17.

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

Ascend.

18.00 Top of Hill bears $N. 60^{\circ} E., S. 60^{\circ} W.$ and descend.35.00 Enter Valley, bears, $N. W. \& S. E.$ 40.00 Set a Sand stone $16 \times 13 \times 5$ ins., 11
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.

from which

A Juniper 9 ins. diam. bears $N. 63^{\circ} E., 1.00$ lks. dist.
marked $\frac{1}{2}$ S. B. T.A Juniper 11 ins. diam. bears $S. 47^{\circ} W. 1.74$ lks. dist.
marked $\frac{1}{2}$ S. B. T.70.00 Leave Valley, bears $N. W. \& S. E.$ and ascend.75.00 Top of Divide bears $N. W. \& S. E.$ and descend.80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
for Cor. to Secs. 8, 9, 16 & 17 marked T. 11 N,
& 9 on N. E., R. 18 E., S. 16 on S. E., S. 17 on
S. W. and S. 8 on N. W. faces, with 4 notches on
& and 4 notches on E. edges; from whichA Yellow Pine 7 ins. diam. bears $N. 45^{\circ} W. 2$ lks. dist.
marked T. 11 N. R. 18 E., S. 8 B. T.A Yellow Pine 11 ins. diam. bears $N. 33^{\circ} E. 1.4$ lks. dist.
marked T. 11 N. R. 18 E., S. 9 B. T.A Yellow Pine 13 ins. diam. bears $N. 41^{\circ} W. 2.7$ lks. dist.
marked T. 11 N. R. 18 E., S. 17 B. T.An Oak 7 ins. diam. bears $S. 78^{\circ} E. 45$ lks. dist.
marked T. 11 N. R. 18 E., S. 16 B. T.
Land rolling. & mountainous.Soil 2nd & 3rd rate,

Heavy timber of Pine, & Oak.

Vegetation Grass.

Township 11 N Range 18 E
Gila and Salt River Meridian.

BOOK 70

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

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

Descend. gradually.

30.00 Enter Valley, bears, N. 10° E. S. 10° W.

37.00 Cross Wash, 15 fks. wide, Course N,

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

46.25 ^{West} Cross Road, bears, N. & S.

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

80.04 Intersect N. & S. line, 9 fks. N. of cor. to secs.

9. 10. 15 & 16 from which corner, I run

N. $89^{\circ} 56'$ W. on a true line between sections 9 & 16

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

40.02 Set a Sand stone $20 \times 12 \times 7$ 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.

from which

A Yellow Pine 17 ins. diam. bears N. 17° E. 24 fks. dist. marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 13 ins. diam. bears S. 20° W. 1.8 fks. dist. marked $\frac{1}{4}$ S. B. T.

80.04 The corner to sections 8. 9. 10 & 17 Land rolling.

Soil 3^{rd} rate,

Heavy timber of Pine, Oak & Juniper.

Undergrowth of

Township 11 N. Range 18 E.

Gila and Salt River Meridian.

BOOK 10

Chains North, between Sections 8 and 9.

Variation 14° 14' East.

Descend. through timber.

15.00 Enter small depression bears N. 60° W.

19.17 Cross Road, bears N. 80° W., S. 80° E.

24.00 Leave depression bears E. W. and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground for 1/4 Sec. Cor., marked 1/4 S. on W. face; from which a Yellow Pine 8 ins. diam. bears N. 60° W. 22 1/2 lks. dist. marked 1/4 S. B. T.

a Yellow Pine 11 ins. diam. bears S. 43° E. 1.69 lks. dist. marked 1/4 S. B. T.

30.00 Set a sand stone 23 x 10 x 9 ins. 18 ins. in the ground for Cor. to Secs. 4, 5, 8 & 9 marked with 6 notches on S. and 4 notches on E. edges dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside

Land mountainous

Soil 3rd rate.

Timber of Pine, Juniper & Oak.

Vegetation Grass.

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

May 22 1883

Township 11 N. Range 18 E.BOOK 10

Gila and Salt River Meridian.

Chains

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

Variation 14° 12' East.Ascend. through Timber40.00 Set temporary $\frac{1}{2}$ sec. cor.46.00 Top of Hill bears N. 34° E., S. 34° W. and descend.64.00 Enter Valley, bears N. 10° E.; S. 10° W.67.60 Cross Road, bears N. & S.78.00 Leave Valley, bears N. 10° E., S. 10° W. and ascend.79.84 Intersect N. & S. line, 10 lks. S. of cor. to secs.3. 4. 9. 10 from which corner, I run389.53' W. on a true line between sections 4 & 9Variation 14° 12' East.

39.92 Set a Sand stone 13 x 8 x 8 ins., 10
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, dug pits, 18 x 18 x 12 ins., E. and W. of stone
5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high,
3 $\frac{1}{2}$ ft. base. alongside.

from which

A Yellow Pine 7 ins. diam. bears N. 13° E. 2.74 lks. dist.
 marked $\frac{1}{2}$ S. B. T.

A Yellow Pine 10 ins. diam. bears S. 46° W., 97 lks. dist.
 marked $\frac{1}{2}$ S. B. T.

79.84 The corner to sections 4. 5. 8. 9
 Land rolling.

Soil 2nd & 3rd rate,Heavy timber of Cedar & Juniper.

Undergrowth of

Township 11 N Range 18 E 44
BOOK 10 Gila and Salt River Meridian.

Chains North, on a random line between Sections 4 and 5.
Variation 124° 14' East.

Ascend. through Timber.
37.00 Top of Med bears N. 75° W.

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

79.90 Intersect N. B. of Tp. 15 15 Wks. E. of cor. to secs.
previously set by me.

45.32 + 33 from which corner, I run
86' E. on a true line, between sections 4 + 5
Variation 124° 14' East.

39.90 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on W. face; from which
A Pine 15 ins. diam. bears N. 16 $\frac{1}{4}$ ° W. 1.79 Wks. dist.
marked $\frac{1}{2}$ S. B. T.

A Pine 13 ins. diam. bears N. 68 $\frac{1}{2}$ ° E. 2.07 Wks. dist.
marked $\frac{1}{2}$ S. B. T.

79.90 The corner to sections 4, 5, 8 + 9
Land rolling.
Soil 3rd rate,
Heavy timber of Pine, Juniper + Oak.
Undergrowth of

Township

14 N

Range

18 E

BOOK

10

Gila and Salt River

Meridian.

Chains

From the corner to sections, 5, 6, 31 & 32 on S by of D
 previously set by me.
 North, between Sections 31 and 32.

Variation $141^{\circ} 14'$ East.

Ascend.

through Timber.

17.00 Top of Ridge, bears N. $84\frac{1}{2}^{\circ}$ W. S. $84\frac{1}{2}^{\circ}$ E. and descend.40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which
A Pine 10 ins. diam. bears N. 67° E 90 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Pine 12 ins. diam. bears S. 28° W 1.00 lks. dist.
marked $\frac{1}{4}$ S. B. T.~~Cross Wash,~~ lks. wide, Course and ascend.80.00 Set a *Stone* stone $20 \times 7 \times 7$ ins. 15 ins. in
the ground for Cor. to Secs. 29, 30, 31 & 32 marked
with / notch on S. and 3 notches on E. edges and
raised a mound of stone. alongside, Pits impracticable.
from whichA Yellow Pine 10 ins. diam. bears S. 32° E. 25 lks. dist.
marked T. // N. R. 18° E., S., 37 B. T.A Yellow Pine 10 ins. diam. bears N. 23° E. 1.70 lks. dist.
marked T. // N. R. 18° E., S., 29 B. T.

No other tree within limits.

Land mountainous

Soil 3^{rd} rate.

Timber of Pine.

Vegetation Grass.

Township

11 N.
BOOK 10

Range

18 E.

Gila and Salt River Meridian.

Chains

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

Variation 14° 14' East.

Descend. gradually.

3.00 Cross Wash, 10 lks. wide, Course N., and ascend.

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

40.00 Set temporary 1/4 sec. cor.

48.23 Cross Wash, 10 lks. wide, Course N. 76 E. and ascend.

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

28. 29. 32 & 33 from which corner, I run
N. 89° 53' W. on a true line between sections 29 & 32
Variation 14° 14' East.

40.25 Set a Sand stone 14 x 12 x 6 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Juniper 12 ins. diam. bears S. 6° W. 29 lks. dist. marked 1/4 S. B. T.

A Pine 27 ins. diam. bears N. 36° E. 279 lks. dist. marked 1/4 S. B. T.

80.50 The corner to sections 29. 30. 31. 32

Land mountainous

Soil 3rd rate.

Timber of Pine & Juniper.

Vegetation Grass.

Township 11 N. Range 18 E.

Gila and Salt River Meridian.

BOOK 70

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

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

Descend. gradually.

5.00 Leave Mountainous land bears N. & E.

18.40 Cross Wash, 10 lks. wide, Course N.

27.00 Leave Valley, bears N. 17° W. & S. 17° E, and ascend.33.80 Top of Spur, bears N. 10° W. & S. 10° E. and descend.40.00 Set temporary $\frac{1}{2}$ sec. cor.

80.92 Intersect W. B. of Tp. 33 lks. N. of cor. to secs.

previously set by me.

S. 30. 31. & 32 from which corner, I run

N. $89^{\circ} 46'$ E. on a true line, between sections 30 & 31Variation $14^{\circ} 14'$ East.

40.92 Set a Sand stone $20 \times 12 \times 8$ 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 Yellow Pine 10 ins. diam. bears N. 11° E. 3 $\frac{1}{2}$ lks. dist. marked $\frac{1}{2}$ S. B. T.

An Oak 6 ins. diam. bears S. $21\frac{1}{2}^{\circ}$ E. 5 $\frac{1}{2}$ lks. dist. marked $\frac{1}{2}$ S. B. T.

80.92 The corner to sections 29. 30. 31. & 32

Land mountainous & rolling.

Soil 3rd rate.

Timber of Juniper, Pine, Oak, Spruce.
Vegetation Grass.

Township 11 N. Range 18 E. 48

BOOK 170 Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation 14° 14' East.

Over broken land.

4000

Set a Sand stone $16 \times 14 \times 8$ ins., 11 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 Juniper 10 ins. diam. bears $N. 28^{\circ} E.$ 1.17 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Pine 22 ins. diam. bears $N. 16\frac{1}{4}^{\circ} W.$.69 lks. dist. marked $\frac{1}{4}$ S. B. T.

80.00

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 19, 20, 29, & 30 marked T. 11 N. S. 20 on N. E., R. 18 E., S. 29 on S. E., S. 30 on S. W. and S. 19 on N. W. faces, with 2 notches on S. and 3 notches on E. edges; from which

A Yellow Pine 15 ins. diam. bears $N. 33\frac{1}{2}^{\circ} E.$ 1.76 lks. dist. marked T. 11 N. R. 18 E., S. 20 B. T.

A Yellow Pine 15 ins. diam. bears $N. 64\frac{1}{2}^{\circ} W.$ 2.2 lks. dist. marked T. 11 N. R. 18 E., S. 30 B. T.

A Yellow Pine 19 ins. diam. bears $N. 84^{\circ} E.$ 1.00 lks. dist. marked T. 11 N. R. 18 E., S. 29 B. T.

An Oak 13 ins. diam. bears $N. 28^{\circ} W.$.76 lks. dist. marked T. 11 N. R. 18 E., S. 19 B. T.

Land mountainous

Soil 3^{rd} rate.

Timber of Pine, Juniper, Oak, Spruce.
Vegetation Grass.

Township 11 N. Range 18 E.

Gila and Salt River Meridian.

BOOK 70

Chains

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

Variation $14^{\circ} 14'$ East.*Ascend.*

- 31.00 Top of Hill bears $N. 20^{\circ} E.$ $S. 20^{\circ} W.$ and descend.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 46.00 Enter Valley, bears, *N. S.*
- 80.11 Intersect *N. & S. line*, 13 lks. *S.* of cor. to secs.
 20. 21. 28 & 29 from which corner, I run
 $S. 89^{\circ} 54'$ *W.* on a true line between sections 20 & 29
 Variation $14^{\circ} 14'$ East.
- 40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ *S.* on *N.* face; from which
 A Yellow Pine 20 ins. diam. bears $N. 57^{\circ} E.$ 1.76 lks. dist.
 marked $\frac{1}{4}$ *S. B. T.*
- A Yellow Pine 11 ins. diam. bears $S. 62^{\circ} W.$ 2.14 lks. dist.
 marked $\frac{1}{4}$ *S. B. T.*
- 80.11 The corner to sections 19. 20. 29 & 30
 Land mountainous & rolling.
 Soil 2nd & 3rd rate.
 Timber of *Pine, Oak, Juniper & Spruce*
 Vegetation *Grass.*

Township 11 N. Range 18 E.
 BOOK 170 Gila and Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.
 Variation 14° 14' East.

10.15 - Descend. gradually through timber
 Enter Valley, bears N. 6° E. S. 6° W.
 13.63 Cross Wash, 12 lks. wide, Course N. 15½° W.
 40.00 Set temporary ¼ sec. cor.
 52.00 Leave Valley, bears N. 30° W. S. 30° E. and ascend.
 68.00 Top of Hill bears N. 26° W. S. 26° E. and descend.
 75.16 Cross Wash, 14 lks. wide, Course N. 13° E. and ascend.
 80.70 Intersect W. B. of Tp. 15 lks. N. of cor. to secs.
 previously set by me.
 1924.25 & 30 from which corner, I run
 N. 89° 34' E. on a true line, between sections 19 & 30

Variation 14° 14' East.
 40.70 Set a Sand stone 14 x 10 x 7 ins., 10
 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N.
 face, and raised a mound of stone. alongside. Pits
 impracticable. from which
 A Yellow Pine 13 ins. diam. bears N. 46° E. 1.00 lks. dist.
 marked ¼ S. B. T.
 A Yellow Pine 14 ins. diam. bears N. 24° W. 2.74 lks. dist.
 marked ¼ S. B. T.

80.70 The corner to sections 19. 20. 29. 30
 Land mountainous & rolling.
 Soil 3rd rate.
 Timber of Pine.
 Vegetation Grass.

Township 11 N Range 18 E
Gila and Salt River Meridian.

BOOK 70

Chains North, between Sections 19 and 20.

Variation 14° 14' East.

Descend. gradually.

28.00 Enter Valley, bears N. 1/2 S.

40.00 Set a Sand stone 23 x 10 x 3 ins., 18
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.
face, and raised a mound of stone. alongside. Pits
impracticable. from which

1 Yellow Pine 20 ins. diam. bears N. 74° E. 1/2 S. dist.
marked 1/4 S. B. T.

1 Yellow Pine 14 ins. diam. bears S. 65° W. 2.77 lks. dist.
marked 1/4 S. B. T.

80.00 Set a Sand stone 20 x 15 x 6 ins. 15 ins.
in the ground for Cor. to Secs. 17, 18, 19 & 20 marked
with 3 notches on S. and 3 notches on E. edges,
aug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and
raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside

1 Yellow Pine 43 ins. diam. bears N. 13° W. 1 1/7 lks. dist.
marked T. 1/4 N. R. 18 E, S., 18 B. T.

1 Yellow Pine 10 ins. diam. bears S. 56° E. 2.07 lks. dist.
marked T. 1/4 N. R. 18 E, S., 20 B. T.

No other tree within limits.

Land mountainous & rolling.

Soil 2nd & 3rd rate.

Timber of Pine, Juniper, Oak & Spruce.

Vegetation Grass. May 23, 1883

Township 16 N. Range 18 E.
Gila and Salt River Meridian.

Chains

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

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

Over rolling land.

2.10 Leave Valley, bears N.W. & S. E. and ascend.

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

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

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

No. 17, 20 & 21 from which corner, I run

 $N. 89^{\circ} 53'$ W. on a true line between sections 17 & 20Variation $14^{\circ} 14'$ East.

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

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

79.90 The corner to sections 17, 18, 19 & 20

Land mountainous & rolling.

Soil 2nd & 3rd rate.

Timber of Pine, Oak & Juniper.

Vegetation Grass.

Township 11 N. Range 18 E.

Gila and Salt River Meridian.

BOOK 70

Chains

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

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

Over Valley through Timber

8.00 Cross Wash, 21 lks. wide, Course $N. 10^{\circ} E.$ 13.15 Cross Road bears $N. \& S.$ 18.00 Leave Valley, bears $N. \& S.$ and ascend.29.00 Top of Spur, bears $N. 15^{\circ} E. \& S. 15^{\circ} W.$ and descend.40.00 Set temporary $\frac{1}{4}$ sec. cor.50.00 Enter Valley, bears, $N. \& S.$ 52.29 Cross Wash, 15 lks. wide Course $N.$ 60.75 Cross Road, bears, $N. E. \& S. W.$ 80.73 Intersect $W. B.$ of $Sp. 11$ lks. $S.$ of cor. to secs.
previously set by me. $13.18.19.$ 24 from which corner, I run $S. 89^{\circ} 55' E.$ on a true line, between sections 18 & 19Variation $14^{\circ} 14'$ East.40.73 Set a Sand stone $12 \times 5 \times 3$ ins.,ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on $N.$

face, and raised a mound of stone. alongside.

impracticable.

Pits

from which

A Yellow Pine 10 ins. diam. bears $S. 8^{\circ} E.$. 8 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 9 ins. diam. bears $N. 63^{\circ} E.$ 2.7 lks. dist.
marked $\frac{1}{4}$ S. B. T.80.73 The corner to sections 17. 18. 19. 20
Land mountainous & rolling.Soil 2nd to 3rd rate.Timber of Pine, Juniper & Oak.
Vegetation Grass.

Township 11 N. Range 18 E.

BOOK 10 Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 14° 14' East.

Over rolling land.

233
40.00

Leave Valley, bears N.W. & S.E. and ascend.
Set a Sand stone x x ins.,
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone. alongside.

impracticable.

Pits
from which

A Yellow Pine 14 ins. diam. bears N. 26° E. 1.50 kls. dist.
marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 11 ins. diam. bears S. 44° W. 2.67 kls. dist.
marked $\frac{1}{4}$ S. B. T.

57.00
80.00

On Top of hill and descend.
Cross Wash, 15 kls. wide, Course N. E. and ascend.
Set a Sand stone 27 x 3 x 5 ins. 2 ins. in

the ground for Cor. to Secs. 7, 8, 17, 18 marked
with 4 notches on S. and 5 notches on E. edges and
raised a mound of stone. alongside, Pits impracticable.

A Yellow Pine 18 ins. diam. bears S. 30° W. 39 kls. dist.
marked T. // N. R. 18 E., S., 18 B. T.

A Yellow Pine 9 ins. diam. bears N. 27° W. 101 kls. dist.
marked T. // N. R. 18 E., S., 7 B. T.

A Yellow Pine 22 ins. diam. bears N. 83° E. 90 kls. dist.
marked T. // N. R. 18 E., S., 8 B. T.

No other tree within limits.

Land rolling. & mountainous.

Soil 3rd rate,

Heavy timber of Pine, Juniper & Oak
Vegetation Grass.

Township

11 N.

Range

18 E.

Gila and Salt River

Meridian.

BOOK TO

Chains

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

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

Ascend.

20.00 Top of Low Divide bears $N 27^{\circ} E$ and descend. $S 27^{\circ} W$.30.28 Cross Wash, 13 lks. wide, Course N . and ascend.37.00 Top of Ridge, bears N & S . and descend.40.00 Set temporary $\frac{1}{4}$ sec. cor.56.00 Cross Wash, 20 lks. wide, Course $N 30^{\circ} W$ and
Over rolling land.69.46 Cross Wash, 7 lks. wide, Course $N 7^{\circ} E$ and ascend.80.00 Top of Ridge, bears NW & $S. E.$ and descend.80.16 Intersect N . & S . line, 24 lks. S . of cor. to secs.

89.10 & 17 from which corner, I run

 $S 89^{\circ} 50'$ W. on a true line between sections 8 & 17Variation $14^{\circ} 14'$ East.40.08 Set a Sand stone $16 \times 12 \times 7$ 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. from whichA Yellow Pine 16 ins. diam. bears $S 4^{\circ} E$, 30 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 72 ins. diam. bears $N 17^{\circ} W$, 1.49 lks. dist.
marked $\frac{1}{4}$ S. B. T.80.76 The corner to sections 7, 8, 17 & 18.
Land rolling. mountainous.Soil $F.$ rate,Heavy timber of Pine, Juniper, Oak.
Vegetation grass.

Chains

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

Variation 14° 14' East.

Descend. through Timber

- 3.00 Enter Valley, bears, N. & S.
- 12.00 Cross Wash, 23 lks. wide, Course N. 8° E.
- 13.60 Cross Road, bears, N. & S.

This Road crosses Wash
cho. N. of this point, bearing N. E.
and also crosses cho. S. of this point.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 58.00 Leave Valley, bears N. 19° E. & S. 19° W., and ascend.
- 65.00 Top of Ridge, bears N. 15° W. & S. 15° E., and descend.
- 80.60 Intersect W. B. of Tp. 13 lks. N. of cor. to secs.

previously set by me.
7 12.13 & 18, from which corner, I run

N. 89° 52' E. on a true line, between sections 7 & 18
 Variation 14° 14' East.

- 70.60 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which
A Yellow Pine 2 1 ins. diam. bears S. 28° E. 3.0 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

- 80.60 A Pine 5 ins. diam. bears N. 86° W. 1.20 lks. dist.
 marked $\frac{1}{4}$ S. B. T.
 The corner to sections 7, 8, 17 & 18

Land rolling & mountainous.

Soil 2nd & 3rd rate,

Heavy timber of Juniper, Pine & Oak.

Vegetation Grass.

Township

11 N.

Range

18 E.

BOOK 70

Gila and Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 14'

East.

Descend. through timber.

24.00

Enter Valley, bears

N. 8° E. S. W.

31.17

Cross Road, bears,

N. E. & S. W.

40.00

Set a Sand stone $24 \times 10 \times 7$ ins., 18 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.

A Yellow Pine 17 ins. diam. bears N. 21° E. 2.72 kls. dist. marked $\frac{1}{2}$ S. B. T. from which

A Yellow Pine 15 ins. diam. bears S. 63° W. 1.64 kls. dist. marked $\frac{1}{2}$ S. B. T.

42.14

Cross Wash, 27 kls. wide, Course N. 65° E.

45.00

Leave Valley, bears N. 11° E. & S. 11° W, and ascend.

80.00

Set a Sand stone $2 \times 15 \times 5$ ins. 21 ins. in the ground for Cor. to Secs. 5, 6, 7 & 8 marked with 5 notches on S. and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

A Yellow Pine 15 ins. diam. bears S. 38° E. 1.45 kls. dist. marked T. // N. R. 18 E., S., 8 B. T. from which

A Yellow Pine 13 ins. diam. bears N. 28° E. 2.2 kls. dist. marked T. // N. R. 18 E., S., 5 B. T.

A Yellow Pine 10 ins. diam. bears N. 56° W. 2.76 kls. dist. marked T. // N. R. 18 E., S., 6 B. T.

A Yellow Pine 20 ins. diam. bears S. 46° W. 1.62 kls. dist. marked T. // N. R. 18 E., S., 7 B. T.

Land mountainous & rolling.

Soil 2⁰⁰ at 3rd rate.

Timber of Pine.

Vegetation Grass.

Township

11 N

Range

18 E

58

BOOK 70

Meridian.

Chains

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

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

Descend.

through timber

6.50 Enter Valley, bears, $N. 20^{\circ} E.$ & $S. 20^{\circ} W.$ 12.70 Cross Road, bears, $N.$ & $S.$ 16.80 Cross Wash, 30 lks. wide, Course $N. 15^{\circ} E.$ 35.00 Leave Valley, bears $N. 13^{\circ} W.$, $S. 13^{\circ} E.$ and ascend.40.00 Set temporary $\frac{1}{4}$ sec. cor.80.16 Intersect $N.$ & $S.$ line, 12 lks. $N.$ of cor. to secs.

45.8 & 9 from which corner, I run

 $N. 89^{\circ} 55'$ W. on a true line between sections 5 & 8Variation $14^{\circ} 14'$ East.

40.08

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on $N.$ face; from whichA Pine 15 ins. diam. bears $N. 45^{\circ} W.$ 2.00 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 7 ins. diam. bears $S. 38^{\circ} W.$ 1.53 lks. dist.
marked $\frac{1}{4}$ S. B. T.

80.16

The corner to sections 5, 6, 7 & 8

Land mountainous & rolling.

Soil 2nd & 3rd rate.

Timber of Pine, Oak & Juniper.

Vegetation Grass.

Township 11 N. Range 18 E.

BOOK 70

Gila and Salt River

Meridian.

Chains

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

Variation 14° 14' East.

Ascend. through timber.

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

39.50 Cross Gulch, 50 lks. wide, Course S. and ascend.

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

54.70 Top of Ridge, bears N. 30° E. & S. 30° W. and descend.

63.40 Cross Wash, 9 lks. wide, Course N. 50° W. and ascend.

74.90 Top of Mesa bears N. & S.

79.92 Intersect W. B. of Tp. 45 lks. N. of cor. to secs.

16.7 + 12 previously set by me.
from which corner, I run

N. 87° 41' E. on a true line, between sections 6 & 7

Variation 14° 14' East.

39.92 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which

1 Yellow Pine 9 ins. diam. bears S. 18° W. 2.28 lks. dist.
marked $\frac{1}{4}$ S. B. T.

1 Yellow Pine 14 ins. diam. bears N. 7° E. 2.86 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.92 The corner to sections 5, 6, 7, & 8

Land mountainous

Soil 3rd rate.

Timber of Pine, Oak & Juniper
Vegetation Grass.

Township

11 N

Range

18 E

60

BOOK 170

Gila and Salt River Meridian.

Chains

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

Variation

14° 14'

East.

Ascend. through Timber

40.00

Set temporary $\frac{1}{2}$ Sec. Cor.

60.50

Top of Hill bears N. 65° E. & S. 65° W. and descend.

68.00

Cross Wash, 18 lks. wide, Course N. 80° E. and ascend.

72.00

Top of Mesa bears N. 65° E. & S. 65° W.

79.69

Intersect N.B. of Tp. 35 lks. W. of cor. to secs.
previously set by me.

S. 6. 31, 32 from which corner, I run

S. 15' W. on a true line, between sections 5 & 6

Variation

14° 14'

East.

39.69

Set a Sand stone 12 x 10 x 14 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.

from which

A Juniper 8 ins. diam. bears N. 40° W. 2.10 lks. dist.
marked $\frac{1}{2}$ S. B. T.A Juniper 5 ins. diam. bears S. 62° E. 2 lks. dist.
marked $\frac{1}{2}$ S. B. T.

79.69

The corner to sections 5, 6, 7 & 8

Land mountainous.

Soil 3rd rate Timber of Pine, Oak, Juniper.

Vegetation Grass.

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

Mar. 24, 1883.

GENERAL DESCRIPTION.

BOOK 10

The surface of this Township is very rough and mountainous in the 2^d south tier of sections; the balance of the Township is rolling with a few high ridges.

The grass is about all Black Gramma and Bunchgrass.

The soil in the Valley is all 1st and 2nd rate being a black loam, white in other portions it is a reddish black but that is successful in raising very satisfactory crops. Proving the soil to be much better than that in lower country.

The soil on the mountains, slopes and ridges is 3rd rate.

The whole Township is covered with a thick growth of pine timber. On the Southern portion it is intermingled with Oak, Juniper and Spruce.

While in the North half of the tract I find a thicker growth of Juniper, about the same amount of Oak and considerable Pine. No Spruce whatever.

For final notes see
book No 14

U. S. Surveyor-General's Office.

Tucson A. T.

Nov 13

1884

The foregoing Field Notes of the surveys of

Subdivision Lines of
11 North R. 18 E.

Gila & Salt River Basin ^{Em} Meridian

in Arizona executed by

H. A. Leo

U. S. Deputy Surveyor, under his contract dated

July 25 1882

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Royal A. Johnson

U. S. Surveyor-General for