

~~Book No. 14~~

*Copied
Compared*

*No. 111
111*

U. P. Fitzgerald Deputy Surveyor.

T. *20 North* **R.** *1 East*

Gila and Salt River Meridian.

No - 339

Field Notes BOOK 339

OF

THE SUBDIVISION LINES OF

Township *20 North* Range *1 East*

Gila and Salt River Meridian.

BY

U. P. Fitzgerald Deputy Surveyor.

Under his Contract of *July 21st* 188*2*

Survey Commenced *March 10th* 188*3*

Completed *March 15th* 188*3*

No - 339

*atted,
Copied for Washington,
Copied for Register,*

A. J. LEARY,
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339

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

..... Meridian.

10

*For Preliminary Data see
Book No. 1*

~~Survey made with Burt's Patent Improved Solar
Compass, nearly new, and in first rate order. Made
by Otto Pennel 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.*

(See previous page)

Chains

From the Corner to Sections 1, 2, 35 & 36 on the South boundary *off*
previously set by me.

John North, between Sections 35 and 36.

Variation $14^{\circ} 45'$ East.

Over broken surface.

40.00

Set a sand stone $14 \times 12 \times 4$ 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 12 ins. diam. bears $S. 12^{\circ} W.$ 80 lks. dist.

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

80.00

Set a sand stone $16 \times 12 \times 6$ 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. Pit. impracticable.

from which

A Juniper 13 ins. diam. bears $N. 30^{\circ} E.$ 80 lks. dist.

marked T 20 N. R. 1 E. S., 25 B. T.

A Juniper 15 ins. diam. bears $N. 17^{\circ} W.$ 110 lks. dist.

marked T 20 N. R. 1 E. S., 26 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of juniper, & pine.

Vegetation. grass & sage.

Township 20 N Range 10

Gila and Salt River Meridian.

Chains East, on a random line between Sections 25 and 26.
Variation 14° 45' East.

Descend.

17.00 Cross Canon, 200 yds. wide, Course S 20° E and ascend

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

72.00 Cross Canon, 300 yds. wide, Course S, and ascend

80.43 Intersect E. B. of Tp. 52 yds. S. of cor. to secs.
previously set by me.

25.30.31 & 30 from which corner, I run

S 89° 38' W. on a true line, between sections 25 & 30

Variation 14° 45' East.

40.21 Set a sand stone 13 x 13 x 10 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 14 ins. diam. bears N. 56° E. 87 yds. dist.

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

80.43 The corner to sections 25. 26. 35 & 36

Land mountainous

Soil 3rd rate

Timber of fern & juniper.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation $14^{\circ} 45'$ East.

Along E. slope.

40.00

Set a sand stone $14 \times 13 \times 7$ ins., 10 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 Juniper 14 ins. diam. bears $N. 58^{\circ} W.$ 89 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

68.00

Cross Canon, 200 lks. wide, Course $S 20^{\circ} E$ and ascend.

80.00

Set a sand stone $15 \times 12 \times 8$ ins. 10 ins. in the ground for Cor. to Secs. 23, 24, 25 & 26 marked with E notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pit. impracticable.

A Yellow Pine 10 ins diam. bears $N. 15^{\circ} W.$ 20 lks. dist. from which. marked T. 20 N. R. 1 E. S., 23 B. T.

A Yellow Pine 12 ins diam. bears $S. 45^{\circ} E.$ 107 lks. dist. marked T. 20 N. R. 1 E. S., 25 B. T.

A White Oak 10 ins. diam. bears $S. 87^{\circ} W.$ 40 lks. dist. marked T. 20 N. R. 1 E. S., 26 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of juniper, yellow pine & oak.
Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 45' East.

Ascend. abruptly.

40.00 Set temporary 1/2 Sec. Cor.

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

80.16 Intersect E. B. of Tp. 70 lks. S. of cor. to secs.

previously set by me. from which corner, I run

S. 89° 30' W on a true line, between sections 24 & 25

Variation 14° 45' East.

40.08 Set a sand stone 14 x 10 x 8 ins., 10 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N.

face, and raised a mound of stone alongside. Pits

unpracticable.

from which

A Yellow Pine 13 ins diam. bears S. 30° W. 60 lks. dist

marked 1/2 S. B. T. No other trees within limits.

80.16 The corner to sections 23, 24, 25 & 26

Land mountainous

Soil 3rd rate

Timber of pine, juniper & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E,Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation $14^{\circ} 45'$ East.

Along W. slope.

40.00 Set a Sand stone $14 \times 13 \times 7$ ins., 10 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 Yellow Pine 10 ins diam. bears $S. 38^{\circ} W.$ 90 kts. dist. marked $\frac{1}{2}$ S. B. T. No other trees within limits.

60.00 Head of Ravine, Course $S. 20^{\circ} W.$ and ascend

80.00 Set a Sand stone $15 \times 12 \times 8$ ins. 10 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.

from which

A White Oak 10 ins. diam. bears $N. 75^{\circ} E.$ 40 kts. dist. marked T. 20 N. R. 1 E. S., 13 B. T.

A White Oak 7 ins. diam. bears $S. 31^{\circ} E.$ 27 kts. dist. marked T. 20 N. R. 1 E. S., 24 B. T.

A Yellow Pine 12 ins diam. bears $S. 34^{\circ} W.$ 1.10 kts. dist. marked T. 20 N. R. 1 E. S., 23 B. T.

No other trees within limits.

Land mountainous

Soil 3^{rd} rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

W. R. Fitzgerald Mar. 10. 1883

Township 20 N. Range 1 E.Gila and Salt River Meridian.

Chains East, on a random line between Sections 13 and 24.
 Variation $14^{\circ} 45'$ East.

Descend.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.72.00 Cross Canon, 1.00 lks. wide. Course S. 20° (and ascend79.81 Intersect E. B. of Tp. 19 lks. S. of cor. to secs.
 13, 18, 19 & 24 from which corner, I run
 previously set by me.S. $89^{\circ} 52' 9''$ on a true line, between sections 13 & 24Variation $14^{\circ} 45'$ East.

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

from which

A Yellow Pine 14 ins diam. bears S. 40° E. 29 lks. dist.marked $\frac{1}{2}$ S. B. T. No other trees within limits.

79.81 The corner to sections 13, 14, 23 & 24

Land mountainous

Soil 3rd rate

Timber of pine & oak

Vegetation. grass & sage.

Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.
 Variation 14° 45' East.

Ascend. gradually.

20.00 Cross Road, bears N. 80° E. & S. 80° W.

40.00 Set a Sand stone 18 x 15 x 10 ins., 12 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 which

A Yellow Pine 11 ins diam. bears S. 29° E. 83 lks. dist. marked 1/2 S. B. T.

A Yellow Pine 14 ins diam. bears S. 9 1/2° W. 30 lks. dist. marked 1/2 S. B. T.

51.00 Top of Spur, bears S. 45° E. & N. 45° W and descend.

80.00 Set a Sand stone 15 x 10 x 4 ins. 10 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 Yellow Pine 10 ins diam. bears N. 30° W. 53 lks. dist. marked T. 20 N. R. 1 E. S., 11 B. T.

A Yellow Pine 15 ins diam. bears N. 29 1/4° E. 50 lks. dist. marked T. 20 N. R. 1 E. S., 12 B. T.

A Yellow Pine 14 ins diam. bears S. 59 1/2° E. 70 lks. dist. marked T. 20 N. R. 1 E. S., 13 B. T.

A White Oak 10 ins. diam. bears S. 50° W. 99 lks. dist. marked T. 20 N. R. 1 E. S., 14 B. T.

Land mountainous
 Soil 3rd rate
 Timber of fern & oak
 Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Descend, gradually.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

37.00 Cross Wash, 40 lks. wide, Course $45^{\circ} E$ and ascend.

60.00 Top of Spur, bears $NW \& S$ and descend.

79.00 Cross Wash, 70 lks. wide, Course S . and ascend.

80.09 Intersect S . B. of Tp. 20 lks. S . of cor. to secs.
previously set by me.

7. 12. 43 & 18, from which corner, I run

$S. 89^{\circ} 49' W$. on a true line, between sections 12 & 13

Variation $14^{\circ} 45'$ East.

40.04 Set a Sand stone $14 \times 10 \times 8$ 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 Cedar 18 ins, diam, bears $N. 50^{\circ} E$. 4 lks, dist,
marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 12 ins diam. bears $S. 48^{\circ} 14' W$. 5 $\frac{1}{4}$ lks. dist.
marked $\frac{1}{4}$ S. B. T.

80.09 The corner to sections 11, 12, 13 & 14

Land mountainous

Soil 3rd rate

Timber of *Yew* & cedar & oak.

Vegetation. Grass & sage.

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Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation $14^{\circ} 45'$ East.

Ascend. gradually.

40.00

Set a sand stone $15 \times 10 \times 10$ ins., 10 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 Yellow Pine 15 ins diam. bears $N 40\frac{1}{2}^{\circ} W$. 60 lks. dist.
marked $\frac{1}{2}$ S. B. T. No other trees within limits.

47.00

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

70.00

Cross Wash, 70 lks. wide, Course $S 70^{\circ} E$ and ascend.

80.00

Set a sand stone $25 \times 20 \times 12$ ins. 18 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12 marked with 5 notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pits impracticable.

from which
A Yellow Pine 18 ins diam. bears $N 25^{\circ} E$. 32 lks. dist.
marked T. 20 N. R. 1 E. S., 1 B. T.

A Yellow Pine 20 ins diam. bears $S 00^{\circ} E$. 62 lks. dist.
marked T. 20 N. R. 1 E. S., 12 B. T.

A Yellow Pine 12 ins diam. bears $S 87^{\circ} W$. 82 lks. dist.
marked T. 20 N. R. 1 E. S., 11 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 45'

East.

Descend. gradually.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

58.00 Cross Road, bears, N. 20° W. & S. 20° E.

60.00 Cross low Sag and ascend.

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

80.36 Intersect E. B. of Tp. 43 lks. S. of cor. to secs.
previously set by me.

1.6. 7 & 12 from which corner, I run

S. 89° 42' W. on a true line, between sections 1 & 12

Variation

14° 45'

East.

40.18 Set a Sand stone 15 x 12 x 8 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 10 ins diam. bears N. 69 $\frac{1}{2}$ ° W. 17 lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

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

Land mountainous

Soil 3rd rate

Timber of yewie & oak

Vegetation. grass & sage.

Township

20 N

Range

1 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Ascend. gradually.

33.00 Top of Ridge, bears $E. \& W.$ and 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

An Oak 12 ins. diam. bears $N. 30^{\circ} E.$ 80 lks. dist.
marked $\frac{1}{2}$ S. B. T. No other trees within limits.

80.47 Intersect the 5th Standard Parallel North at a
point 2.48 chs. West of the Standard Cor. to
Secs. 35 and 36 T. 21 N. R. 1 E, ^{previously set by me.} at which
point 1

Set a Sand stone $10 \times 10 \times 4$ ins. 10 ins. in
the ground for Closing Cor. to Secs. 1 and 2
marked C. C. with 1 notch on E. and 5 notches on
W. edges and raised a mound of stone. alongside.

Pits impracticable.

1 Yellow Pine 30 ins diam. bears $N. 10^{\circ} E.$ 55 lks. dist.
marked T 21 N. R. 1 E S., B. T.
2 Yellow Pine 28 ins diam. bears $S. 35^{\circ} W.$ 25 lks. dist.
marked T 20 N. R. 1 E S., 2 B. T.
No other trees within limits.

Land mountainous

Soil g^{rd} rate

Timber of yellow pine & oak.

Vegetation. grass & sage W. P. Fitzgerald Mar. 12 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

From the Corner to Sections 2, 3, 34 & 35 on the South boundary of 1/4

previously set by me.

Iron North, between Sections 34 and 35.

Variation 14° 45' East.

Ascend.

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

40.00 Set a Sand stone 18 x 12 x 5 ins., 12 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 Pine 14 ins. diam. bears N. 44° W. 50 lks. dist.

marked 1/4 S. B. T. *No other trees within limits.*

80.00 Set a Sand stone 18 x 13 x 6 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.**

from which

A Juniper 12 ins. diam. bears S. 15° E. 65 lks. dist.

marked T. 20 N. R. 1 E. S., 30 B. T.

A Juniper 18 ins. diam. bears S. 30 1/4° W. 80 lks. dist.

marked T. 20 N. R. 1 E. S., 34 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of Juniper & nut pine.

Vegetation. grass & sage.

Township 20 N. Range 1 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 26 and 35.
Variation $14^{\circ} 45'$ East.

Descend. abruptly.

8.00 Cross Canon, 250 lks. wide, Course S. and ascend

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

45.00 Top of Ridge, bears S. 15° E. N. 15° W. and descend.

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

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

N. $89^{\circ} 54' W.$ on a true line between sections 20 & 35

Variation $14^{\circ} 45'$ East

39.92 Set a Sand stone 14 x 12 x 9 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 Pine 18 ins, diam. bears N. 28° W. 58 lks. dist.

marked $\frac{1}{4}$ S. B. T. B. T.

No other trees within limits.

79.85 The corner to sections 20, 27, 34, & 35

Land mountainous

Soil 3rd rate

Timber of pine & juniper.

Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains North, between Sections 26 and 27.
 Variation $14^{\circ} 45'$ East.

Descend. *abruptly.*

26.00 Cross Canon, 200 yds. wide, Course S. E. and ascend
 40.00 Set a Sand stone $10 \times 12 \times 8$ ins., 10
 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 14 ins. diam. bears $S 65^{\circ} W$. 89 yds. dist.
 marked $\frac{1}{2}$ S. B. T. No other trees within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
 12 ins. in the ground, for Cor. to Secs. 22, 23, 26 & 27
 marked T. 20 N. S. 23, on N. E., R. 1 E., S. 20
 on S. E., S. 27 on S. W, and S. 22 on N. W. face,
 with 2 notches on S. and 2 notches on E. edges;
 and raised a mound of stone 2 ft. high, $4\frac{1}{2}$ ft. base
 around post. Pits impracticable. from which
 A Yellow Pine 15 ins diam. bears $N 84^{\circ} E$. 16 yds. dist.
 marked T. 20 N. R. 1 E. S., 23 B. T.

A Yellow Pine 10 ins diam. bears $N 76^{\circ} W$. 16 yds. dist.
 marked T. 20 N. R. 1 E. S., 22 B. T.

A Yellow Pine 9 ins diam. bears $S 57^{\circ} E$. 10 yds. dist.
 marked T. 20 N. R. 1 E. S., 20 B. T.

No other trees within limits.

Land mountainous
 Soil 3rd rate
 Timber of yellow pine & juniper
 Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Ascend. gradually.

32.00 Top of Butte bears N. & S.

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

77.80 Cross Wash, 1.00 lks. wide, Course S. and ascend.

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

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

N. $89^{\circ} 49' W.$ on a true line between sections 23 & 26Variation $14^{\circ} 45'$ East39.81 Set a Sand stone 15 x 10 x 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 whichA Yellow Pine $\frac{1}{3}$ ins diam. bears $S. 56^{\circ} W.$ 1.80 lks. dist. marked $\frac{1}{2}$ S. B. T. No other trees within limits.

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

Land mountainous &

Soil 3rd rate

Timber of pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation 11° 45' East.

Descend.

37.00 Cross Wash, 40 lks. wide; Course S. 60° W 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, $5\frac{1}{2}$ ft. base around post. Pits impracticable.

from which

A Yellow Pine 20 ins diam. bears S. 30° E. 57 lks. dist. marked $\frac{1}{2}$ S. B. T. No other trees within limits.

55.00 Cross Road, bears N. 70° E & S. 70° W.

80.00 Set a sand stone 30 x 18 x 5 ins. 22 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.

from which

A Yellow Pine 15 ins diam. bears N. 10° E. 88 lks. dist. marked T. 20 N. R. 1 E. S., 14 B. T.

A Yellow Pine 9 ins diam. bears N. 27° W. 1.20 lks. dist. marked T. 20 N. R. 1 E. S., 15 B. T.

A White Oak 12 ins. diam. bears S. 50° W. 1.24 lks. dist. marked T. 20 N. R. 1 E. S., 22 B. T. No other trees within limits.

Land mountainous

Soil g^o rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

S. G. Bayle Comptroller Nov. 10, 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation $111^{\circ} 45'$ East.

Ascend. gradually.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.45.50 Cross Road, bears S. 50° W. & N. 50° E.50.00 Top of Ridge, bears S. 20° W. & N. 20° E. and descend.

79.97 Intersect N. & S. line, 8 lks. S. of cor. to secs.

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

S $89^{\circ} 57'$ W. on a true line between sections 14 & 23Variation $14^{\circ} 45'$ East

39.98 Set a Sand stone 18 x 14 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.

79.97 The corner to sections 14, 15, 22 & 23

Land mountainous

Soil 3rd rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains North, between Sections 14 and 15.
Variation 14° 45' East.

Ascend. gradually.

40.00 Set a Sand stone 20 x 12 x 0 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 Yellow Pine 24 ins diam. bears N. 20 $\frac{1}{4}$ ° E. 39 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

47.00 Top of Ridge, bears S. 45° W. & N. 45° E. and descend.

80.00 Set a Sand stone 14 x 12 x 10 ins. 10 ins. in the ground for Cor. to Secs. 10, 11, 14 & 15 marked with 4 notches on S. and 2 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

A White Oak 10 ins. diam. bears S. 50° W. 1.27 lks. dist. ^{from which} marked T. 20 N. R. 1 E. S., 15 B. T.

A White Oak 12 ins. diam. bears N. 35° E. 49 lks. dist. marked T. 20 N. R. 1 E. S., 11 B. T.

A Yellow Pine 10 ins diam. bears N. 58° W. 1.38 lks. dist. marked T. 20 N. R. 1 E. S., 10 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 45' East.

Ascend. gradually.

40.00 Set temporary 1/2 Sec. Cor.

58.00 Top of Ridge, bears S 20° W. & N 20° E and descend.

80.22 Intersect N. & S. line, 15 lks. S. 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° 45' East

40.11 Set a sand stone 16 x 12 x 6 ins., 10

ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N.

face, and raised a mound of stone alongside. Pits

impracticable.

from which

A Yellow Pine 30 ins diam. bears S 75° W. 8 lks. dist.

marked 1/2 S. B. T.

No other trees within limits.

80.22 The corner to sections 10, 11, 14 & 15

Land mountainous

Soil 9-10 rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

41° 45'

East.

Descend.

30.00

Cross Wash, 50 yds. wide, Course S 30° W and ascend.

40.00

Set a post 3 ft. long, 3 ins. diam 2 1/2 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on W. face; from which

A Yellow Pine 12 ins diam. bears N 80° E. 33 yds. dist. marked 1/2 S. B. T.

A White Oak 10 ins. diam. bears S. 69 1/2° W. 92 yds. dist. marked 1/2 S. B. T.

80.00

Set a sand stone 24 x 16 x 6 ins. 18 ins. in the ground for Cor. to Secs. 2, 3, 10 & 11 marked with 5 notches on S. and 2 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

from which

A Yellow Pine 12 ins diam. bears N 22° E. 100 yds. dist. marked T. 20 N. R. 1 E. S. 2 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township

20 N

Range

1 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Ascend.

20.00 Top of Ridge, bears $S. 15^{\circ} E. \& N. 15^{\circ} W.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

12.11 & 12 from which corner, I run

 $N. 89^{\circ} 58' W.$ on a true line between sections 2 & 11Variation $14^{\circ} 45'$ East39.91 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 Yellow Pine 10 ins diam. bears $S. 79\frac{1}{2}^{\circ} E.$ 67 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 12 ins diam. bears $N. 10\frac{1}{2}^{\circ} E.$ 25 lks. dist.
marked $\frac{1}{4}$ S. B. T.

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

Land mountainous

Soil 3^{rd} rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains ^{true.} North, on a ~~random~~ line between Sections 2 and 3.
 Variation $11^{\circ} 45'$ East.

Ascend. along W. slope of Butte.
 30.00 Top of Butte bears N. E. & S. W.
 40.00 Set a Sand stone $16 \times 12 \times 5$ 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 Yellow Pine 22 ins diam. bears $S. 30^{\circ} W.$ 1.10 kts. dist.
 marked $\frac{1}{4}$ S. B. T. No other trees within limits.

80.20 Intersect the 5th Standard Parallel North at a
 point 2.00 chs. West of the Standard Cor. to
 Secs. 34 and 35 T. 21 N. R. 1 E, ^{previously set by me.} at which
 point 1
 Set a Sand stone $14 \times 12 \times 6$ ins. 10 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. from which

A Yellow Pine 24 ins diam. bears $S. 35^{\circ} E.$ 1.05 kts. dist.
 marked T. 20 N. R. 1 E. S., 2 B. T.
 No other trees within limits.

Land mountainous
 Soil 3rd rate
 Timber of yellow pine.
 Vegetation. grass & sage.
 S. C. Baker Comptroler, Mar. 12 1863

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains From the Corner to Sections 3, 4, 33 & 34 on the South boundary *SP*
previously set by me.

Iron North, between Sections 33 and 34.

Variation $14^{\circ} 40'$ East.

Ascend. along E. slope.

40.00 Set a Sand stone $18 \times 14 \times 6$ 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.

from which

A Juniper 13 ins. diam. bears $N. 30^{\circ} W.$ 90 lks. dist.

marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

80.00 Set a Sand stone $18 \times 12 \times 4$ ins. 12 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.

from which

A Yellow Pine 14 ins diam. bears $N. 30\frac{1}{4}^{\circ} E.$ 86 lks. dist.

marked T. 20 N. R. 1 E. S., 27 B. T.

A Juniper 13 ins. diam. bears $N. 20^{\circ} W.$ 50 lks. dist.

marked T. 20 N. R. 1 E. S., 28 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of Yellow pine & juniper.

Vegetation grass & sage.

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

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

Variation 14° 45' East.Descend. abruptly.19.00 Cross Canon, 200 lks. wide, Course S. and ascend40.00 Set temporary $\frac{1}{4}$ Sec. Cor.48.00 Top of Ridge, bears S. 30° E. & N. 30° W. and descend.79.98 Intersect N. & S. line, 27 lks. N. of cor. to secs.26. 27. 34 & 35 From which corner, I runN. 89° 48' W. on a true line between sections 27 & 34Variation 14° 45' East39.99 Set a sand stone 13 x 12 x 6 ins., 5 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 Juniper 14 ins. diam. bears N. 30° W. 80 lks. dist.marked $\frac{1}{4}$ S. B. T. No other trees within limits.79.98 The corner to sections 27. 28. 33 & 34

Land mountainous

Soil 9th rateTimber of Yew & Juniper.Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $141^{\circ} 45'$ East.

Along E. Slope.

40.00 Set a Sand stone $16 \times 10 \times 5$ 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.

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

80.00 Set a Sand stone $18 \times 11 \times 7$ 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 Yellow Pine 14 ins diam. bears N. 36° E. 91ks. dist. marked T. 20 N. R. 1 E. S., 2 B. T.

A Juniper 13 ins. diam. bears N. 40° W. 125ks. dist. marked T. 20 N. R. 1 E. S., 2 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of Yellow pine & juniper.

Vegetation grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Descend. gradually.

8.00 Cross low Sag and ascend.

29.70 Cross Road, bears $S. 45^{\circ} W.$ & $N. 45^{\circ} E.$

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

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

59.70 Cross Canon, 100 yds. wide, Course $S. 40^{\circ} W.$ and ascend

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

22, 23, 24 & 2' from which corner, I run

$N. 89^{\circ} 50' W.$ on a true line between sections 22 & 27

Variation $14^{\circ} 45'$ East

40.10 Set a Sand stone 10 x 8 x 6 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

A Yellow Pine 10 ins diam. bears $S. 79\frac{1}{2}^{\circ} E.$ 68 yds. dist.

marked $\frac{1}{2}$ S. B. T. No other trees within limits.

80.32 The corner to sections 21, 22, 27 & 28

Land mountainous

Soil 3rd rate

Timber of yellow pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains North, between Sections 21 and 22.

Variation 14° 15' East.

Descend.

10.00 Cross Wash, 42 lks. wide, Course S. 60° E and ascend.

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

from which

A Yellow Pine 18 ins diam. bears N. 56° W. 1.8 lks. dist.
marked $\frac{1}{4}$ S. B. T. No other trees within limits.

50.00 Top of Ridge, bears S. & W. and descend.

73.50 Cross wash 80 lks. wide, Course S. 60° E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone

12 ins. in the ground, for Cor. to Secs. 15, 16, 21 & 22

marked T. 20 N. S. 15°, on N. E., R. 1 E., S. 22

on S. E., S. 21 on S. W., and S. 16 on N. W. face,

with 3 notches on S. and 3 notches on E. edges;

and raised a mound of stone 2 ft. high, $4\frac{1}{2}$ ft. base

around post. Pits impracticable.

from which

A Yellow Pine 14 ins diam. bears S. 70° E. 1.03 lks. dist.
marked T. 20 N. R. 1 E. S., 22 B. T.

No other trees within limits.

Land mountainous

Soil 2nd rateTimber of pine & oakVegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation $11^{\circ} 45'$ East.

Descend.

14.20 Cross Wash, 30 lks. wide, Course $S 80^{\circ} W$ and ascend.30.00 Top of Ridge, bears $N. \& S.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.61.00 Cross Wash, 60 lks. wide, Course $S. 10^{\circ} E$ and ascend.80.05 Intersect $N. \& S.$ line, 31 lks. $N.$ of cor. to secs.

14.15.22 & 23 from which corner, I run

 $N. 89^{\circ} 47' W.$ on a true line between sections 15 & 22Variation $14^{\circ} 45'$ East40.02 Set a Sand stone $14 \times 10 \times 8$ ins., 10ins. 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 30 ins diam. bears $N. 25\frac{1}{4}^{\circ} E.$ 46 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 14 ins diam. bears $S. 20^{\circ} W.$ 60 lks. dist.
marked $\frac{1}{4}$ S. B. T.

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

Land mountainous

Soil 3^{rd} rate

Timber of pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation 14° 45' East.

Ascend. gradually.

40.00

Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/2 S. on W. face; from which

A Yellow Pine 15 ins diam. bears S. 80° W. 38 lks. dist. marked 1/2 S. B. T.

A White Oak 9 ins. diam. bears N. 41 1/2° E. 09 lks. dist. marked 1/2 S. B. T.

47.00

Top of Spur, bears N. 60° W. & S. 60° E. and descend.

80.00

Set a sand stone 16 x 10 x 4 ins. 10 ins. in the ground for Cor. to Secs. 9, 10, 15 & 16 marked with 4 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

from which

A Yellow Pine 20 ins diam. bears S. 50° E. 64 lks. dist. marked T. 20 N. R. 1 E. S., 15 B. T.

A Yellow Pine 30 ins diam. bears S. 75° W. 1.25 lks. dist. marked T. 20 N. R. 1 E. S., 14 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.Along N. slope40.00 Set temporary $\frac{1}{4}$ Sec. Cor.2.00 Cross Wash, 30 lks. wide, Course $N 20^{\circ} W$ and ascend.

79.77 Intersect N. & S. line, 4 lks. S. of cor. to secs.

10.11. 14 & 15 from which corner, I run

S. $89^{\circ} 58' W$. on a true line between sections 10 & 15Variation $14^{\circ} 45'$ East39.88 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 Yellow Pine 20 ins diam. bears $S 3\frac{1}{2}^{\circ} E$. 07 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 25 ins diam. bears $N 4\frac{1}{4}^{\circ} W$. 04 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.77 The corner to sections 9, 10, 15 & 16

Land mountainous

Soil 3° rateTimber of fern & oak.Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation 4° 45' East.

Descend.

40.00

Set a Sand stone 24 x 12 x 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 Yellow Pine 30 ins diam. bears N. 60° E. 68 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

41.00

Cross Wash, 80 lks. wide, Course S. W. and ascend.

80.00

Set a Sand stone 16 x 10 x 6 ins. 10 ins. in the ground for Cor. to Secs. 3, 4, 9 & 10 marked with 5 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pit: impracticable.

from which

A Yellow Pine 30 ins diam. bears N. 30° E. 160 lks. dist. marked T. 20 N. R. 1 E, S., 3 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

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

Variation 14° 45' East.

Descend.

25.00 Cross Wash, 40 lks. wide, Course S. 20° E and ascend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.60.00 Top of Spur, bears N. E. & S. W. and descend.79.69 Intersect N. & S. line, 24 lks. S. of cor. to secs.2, 3, 10 & 11 from which corner, I runS. 89° 50' W. on a true line between sections 3 & 10Variation 14° 45' East39.84 Set a sand stone 20 x 20 x 4 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 18 ins diam. bears S. 30° E. 35 lks. dist. marked $\frac{1}{2}$ S. B. T.A Yellow Pine 24 ins diam. bears N. 80° W. 15 lks. dist. marked $\frac{1}{2}$ S. B. T.79.69 The corner to sections 3, 11, 9 & 10

Land mountainous

Soil 3rd rateTimber of pine & oak.Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, on a ^{true.} ~~random~~ line between Sections 3 and 4.Variation $14^{\circ} 45'$ East.Ascend. *gradually.*

40.00

Set a *sand* stone $14 \times 10 \times 8$ 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 Yellow Pine 30 ins diam. bears $N. 40^{\circ} E.$ 85 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

75.50

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

80.16

Intersect the 5^{th} Standard Parallel North at a point 1.90 chs. West of the Standard Cor. to Secs. 33 and 34 T. 21 N. R. 1 E. ^{previously set by me.} at which point $\frac{1}{4}$

Set a *sand* stone $14 \times 10 \times 3$ ins. 10 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 2 notches on E. and 3 notches on W. edges and raised a mound of stone. alongside.

Pits impracticable.

A Yellow Pine 20 ins diam. bears $S. 40^{\circ} E.$ from which 48 lks. dist. marked T. 20 N. R. 1 E. S., 3 B. T.

No other trees within limits.

Land mountainous

Soil 3^{rd} rateTimber of *fern* & oak.Vegetation *grass* & *sage*.

W. R. Orinwald Mar. 13, 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

From the Corner to Sections 4, 5, 32 & 33 on the South boundary *of*
previously set by me.

Run North, between Sections 32 and 33.

Variation $14^{\circ} 15'$ East.

Ascend. gradually.

39.00 Cross Road, bears, $N. 35^{\circ} E.$ & $S. 30^{\circ} W.$

40.00 Set a Sand stone $15 \times 12 \times 8$ 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 13 ins. diam. bears $N. 20^{\circ} E.$ 96 lks. dist.
marked $\frac{1}{4}$ S. B. T. *No other trees within limits.*

80.00 Set a Sand stone $10 \times 14 \times 10$ ins. 10 ins. in
the ground for Cor. to Secs. 28, 29, 32 & 33 marked
with 1 notch on S. and 14 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

from which

A Yellow Pine 16 ins diam. bears $N. 55^{\circ} E.$ 64 lks. dist.
marked T. 20 N. R. 1 E. S., 28 B. T.

A Pine 10 ins, diam. bears $N. 72^{\circ} W.$ 96 lks. dist.
marked T. 20 N. R. 1 E. S., 29 B. T.

No other trees within limits.

Land mountainous

Soil 3^{rd} rate

Timber of *pine & juniper.*

Vegetation. *grass & sage.*

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Ascend. gradually.

18.00 Cross Road, bears $N. 10^{\circ} E.$ & $S. 10^{\circ} W.$ 38.00 Top of Ridge, bears $N. 10^{\circ} W.$ & $S. 10^{\circ} E.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.69 Intersect N. & S. line, 8 lks. N. of cor. to secs.

27, 28, 32 & 34 from which corner, I run

 $N. 89^{\circ} 57' W.$ on a true line between sections 28 & 33Variation $14^{\circ} 45'$ East39.84 Set a sand stone 10 x 14 x 8 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 Juniper 13 ins. diam. bears $S. 15^{\circ} W.$ 85 lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.69 The corner to sections 28, 29, 32 & 33

Land mountainous

Soil 3rd rate

Timber of pine & juniper.

Vegetation. grass & sage.

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation 14° 45' East.Ascend. gradually.

40.00

Set a Sand stone 7 1/2 x 14 x 5 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.

from which

a Yellow Pine 20 ins diam. bears S. 30° W. 88 lks. dist. marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

80.90

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 20, 21, 28 & 29

marked T. 20 N. S. 21, on N. E., R. 1 E., S. 28 on S. E., S. 29 on S. W., and S. 20 on N. W. face, with 2 notches on S. and 4 notches on E. edges; and raised a mound of stone 2 ft. high, 4 1/2 ft. base

around post. Pits impracticable.

Land mountainous

Soil 3rd rateTimber of Pine & Juniper.Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Ascend. gradually.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.67.00 Top of Ridge, bears $S. 30^{\circ} E.$ & $N. 30^{\circ} W.$ and descend.

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

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

 $S. 89^{\circ} 52' W.$ on a true line between sections 21 & 28Variation $14^{\circ} 45'$ East

39.90

Sand stone 10 x 12 x 5 ins., 10

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

and raised a mound of stone alongside. Pits

impracticable.

from which

Yellow Pine 18 ins diam. bears $S. 56^{\circ} W.$ 1.6 lks. dist.marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

79.81

The corner to sections 20, 21, 28 & 29

Land mountainous

Soil 3^{rd} rateTimber of *Yew* & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains North, between Sections 20 and 21.
Variation 14° 45' East.

Ascend.

40.00 Set a sand stone 20 x 9 x 4 ins., 15
ins. in the ground, for 1/4 Sec. Cor., marked 1/2 on W.
face, and raised a mound of stone alongside. Pits
impracticable.

43.00 Top of Ridge, bears S. 70° W. & N. 70° E and descend.

80.00 Set a sand stone 20 x 10 x 6 ins. 15 ins. in
the ground for Cor. to Secs. 10, 17, 20 & 21 marked
with 3 notches on S. and 4 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

from which

A White Oak 10 ins. diam. bears N. 20° E. 13 lks. dist.
marked T. 20 N. R. 1 E, S., 10 B. T.

A Yellow Pine 20 ins diam. bears S. 10° E. 11 lks. dist.
marked T. 20 N. R. 1 E. S., 21 B. T.

No other trees within limits.

Cabin bears N. 40° W. 2.80 lks. dist.

Land mountainous

Soil 3rd rate

Timber of pine, oak, cedar & juniper.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 45' East.Descend. 239.00 Cross Wash, 50 lks. wide, Course NW and ascend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.:80.17 Intersect N. & S. line, 42 lks. N. of cor. to secs.15. 16. 21 & 22 from which corner, I runN. 89° 42' W. on a true line between sections 16 & 21Variation 14° 45' East40.08 Set a Sand stone 14 x 12 x 8 ins., 10ins. 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 Cedar 20 ins, diam, bears S 30° W. 1.22 lks, dist,marked $\frac{1}{2}$ S. B. T. No other trees within limits.80.17 The corner to sections 10. 17. 20 & 21

Land mountainous

Soil 3rd rateTimber of pine, oak & cedar.Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation 14° 45' East.

Descend.

12.00 Cross Wash, 80 lks. wide, Course S 80° W and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/4 S. on W. face, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 8, 9, 16 & 17 marked T 20 N. S. 9, on N. E., R. 1 E., S. 16 on S. E., S. 17 on S. W, and S. 8 on N. W. face, with 4 notches on S. and 4 notches on E. edges; and raised a mound of stone 2 ft. high, 4 1/2 ft. base around post. Pits impracticable.

A Yellow Pine 14 ins diam. bears S 40° E. 1.6 lks. dist. marked T. 20 N. R. 1 E. S., 16 B. T.

A Cedar 20 ins, diam, bears S 40° W. 7 lks, dist, marked T. 20 N. R. 1 E, S., 17 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of pine, oak & cedar.

Vegetation. grass & sage.

Township 20 N. 9 Range 1 EGila and Salt River Meridian.

Chains East, on a random line between Sections 9 and 16.
 Variation 14° 45' East.

*Ascend.*39.00 Top of Spur, bears N. W. & S. E. and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.80.41 Intersect N. & S. line, 35 lks. N. of cor. to secs.

9.10.15 & 16 from which corner, I run

N. 89° 45' W. on a true line between sections 9 & 16Variation 14° 45' East40.20 Set a Sand stone 14 x 10 x 9 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 30 ins diam. bears N. 40° E. 7 1/2 lks. dist.
 marked $\frac{1}{4}$ S. B. T. No other trees within limits.80.41 The corner to sections 8. 9. 10 & 17

Land mountainous

Soil 3rd rateTimber of pine & oakVegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains North, between Sections 8 and 9. Variation 14° 45' East.

Ascend.

6.00 Top of Spur, bears E. & W. and descend.
30.00 Cross Canon, 180 lks. wide. Course W. and ascend
40.00 Set a Sand stone 14 x 13 x 8 ins., 10 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 Cedar 20 ins. diam, bears N. 25° E. 97 lks. dist, marked 1/4 S. B. T. No other trees within limits.

41.00 Top of Spur, bears E. & W. and descend.
55.70 Cross Wash, 50 lks. wide, Course W. and ascend.

80.00 Set a Sand stone 24 x 10 x 4 ins. 18 ins. in the ground for Cor. to Secs. 4, 5, 8 & 9 marked with 5 notches on S. and 4 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

from which
A Yellow Pine 30 ins diam. bears S. 20° E. 98 lks. dist. marked T. 20 N. R. 1 E. S., 9 B. T.

A Yellow Pine 10 ins diam. bears S. 30° W. 140 lks. dist. marked T. 20 N. R. 1 E. S., 8 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of pine, oak & cedar

Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Descend.

20.00 Cross Wash, 60 lks. wide, Course $S. 45^{\circ} W.$ and ascend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.50.00 Top of Spur, bears $N. 60^{\circ} E. \text{ \& } S. 30^{\circ} W.$ and descend.80.19 Intersect N. & S. line, 13 lks. $N.$ of cor. to secs.

34.9 & 10 from which corner, I run

 $N. 89^{\circ} 54' W.$ on a true line between sections 4 & 9Variation $14^{\circ} 45'$ East40.09 Set a sand stone $14 \times 10 \times 8$ 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

a Yellow Pine 10 ins diam. bears $N. 56^{\circ} E.$ 1 lks. dist.marked $\frac{1}{2}$ S. B. T. No other trees within limits.

90.19 The corner to sections 4, 5, 8 & 9

Land mountainous

Soil 3^{rd} rate

Timber of cedar, pine & oak.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains ^{true.} North, on a ~~random~~ line between Sections 4 and 5.
Variation 14° 45' East.

Ascend.

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

40.00 Set a sand stone 24 x 10 x 6 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 Yellow Pine 24 ins diam. bears S. 40° W. 1.42 lks. dist.

75.00
79.81 marked $\frac{1}{4}$ S. B. T. No other trees within limits.
Cross Hill Canon 12.00 lks. wide, course S. 30° W.
Intersect the 5th Standard Parallel North at a point 2.35 chs. West of the Standard Cor. to previously set by me.

Secs. 32 and 33 T. 21 N. R. 1 E. at which **point 1-**

Set a sand stone 20 x 10 x 4 ins. 15 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. from which

A Cedar 30 ins, diam, bears S. 5½° E. 1.08 lks, dist, marked T. 20 N. R. 1 E. S., 4 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of pine, cedar & oak.

Vegetation. grass & sage.

S. A. Cape Compassman Mar. 13. 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

From the Corner to Sections 5, 6, 31 & 32 on the South boundary *of T.**previously set by me.**Run* North, between Sections 31 and 32.Variation 11' 15' East.Descend. *gradually.*

40.00

Set a *sand* stone 14 x 12 x 8 ins., 10ins. 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 14 ins. diam. bears S. 28 $\frac{1}{4}$ ° W. 96 lks. dist.marked $\frac{1}{4}$ S. B. T.*No other trees within limits.*

45.00

Cross Wash, 40 lks. wide, Course S. 20° W. and ascend.

78.00

Top of Spur, bears N. 20° E. & S. 20° W. and descend.

80.00

Set a *sand* stone 16 x 14 x 9 ins. 10 ins. inthe ground for Cor. to Secs. 29, 30, 31 & 32 markedwith 1 notch on S. and 5 notches on E. edges and

raised a mound of stone alongside. Pits impracticable.

*from which*A Pine 14 ins. diam. bears N. 27° E. 94 lks. dist.

marked T. 20 N. R. 1 E. S., 29 B. T.

A Juniper 15 ins. diam. bears S. 20° W. 144 lks. dist.

marked T. 20 N. R. 1 E. S., 31 B. T.

No other trees within limits.

Land mountainous

Soil gr. rateTimber of *pine & juniper.*Vegetation. *grass & sage.*

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

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

Variation 14° 45' East.*Ascend.*3.00 Top of Spur, bears S. 20° W. 20^e and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.60.00 Cross Wash, 60 lks. wide, Course S. 15° E and ascend.80.37 Intersect N. & S. line, 40 lks. S. of cor. to secs.28.29.32 & 33 from which corner, I runS. 89° 40' W. on a true line between sections 29 & 32Variation 14° 45' East40.18 Set a Sand stone 10 x 14 x 5 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 Juniper 13 ins. diam. bears S. 27 $\frac{1}{2}$ ° W. 7 $\frac{1}{2}$ lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.80.37 The corner to sections 29.30.31 & 32

Land mountainous

Soil 3rd rateTimber of pine & juniper.Vegetation, grass & sage.W. R. Fitzgerald Mar. 17, 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains West, on a random line between Sections 30 and 31.
Variation $14^{\circ} 45'$ East.

Descend. gradually.

18.00 Cross low Sag and ascend.

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

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

78.16 Intersect W.B. of Tp. 32 1ks. N. of cor. to secs.
previously set by me.

25, 30, 31 & 30 from which corner, I run

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

Variation $14^{\circ} 45'$ East.

38.16 Set a sand stone $10 \times 14 \times 8$ 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
a Juniper 2 ins. diam. bears S. $27\frac{1}{4}^{\circ}$ W. 55ks. dist.
marked $\frac{1}{2}$ S. B. T. No other trees within limits.

78.16 The corner to sections 29, 30, 31 & 32

Land mountainous

Soil 3rd rate

Timber of pine & juniper.

Vegetation. grass & sage.

J. C. Bapp, Compassman Mar. 17. 1853

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation

14° 45'

East.

Descend. gradually.20.00

Cross low Sag and ascend.

38.00Top of Spur, bears N. E. & S. W and descend.40.00Set a Sand stone 18 x 12 x 0 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.

from which

A Juniper 13 ins. diam. bears S 58 $\frac{1}{2}$ ° W. 8 $\frac{1}{2}$ lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

80.00Set a Sand stone 16 x 14 x 8 ins. 10 ins. in
the ground for Cor. to Secs. 19, 20, 29, 30 marked
with 2 notches on S. and 5 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

from which

A Pine 16 ins. diam. bears N. 20° E. 90 lks. dist.marked T. 20 N. R. 1 E. S., 20 B. T.A Yellow Pine 10 ins. diam. bears N. 30° W. 1.20 lks. dist.marked T. 20 N. R. 1 E. S., 19 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rateTimber of ferrie & juniper.Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 20 and 29.
Variation $14^{\circ} 45'$ East.

Descend. gradually.

124.00 Cross Wash, 60 lks. wide, Course $S. 20^{\circ} W$ and ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

42.00 Top of Spur, bears $S. 20^{\circ} W. N. 20^{\circ} E$ and descend.

77.00 Cross Wash, 52 lks. wide, Course $S.$ and ascend.

80.15 Intersect N. & S. line, 12 lks. $S.$ of cor. to secs.

20. 21. 28 & 29 from which corner, I run

$S. 89^{\circ} 55' W.$ on a true line between sections 20 & 29

Variation $14^{\circ} 45'$ East

40.07 Set a sand stone $18 \times 14 \times 0$ 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 Juniper 18 ins. diam. bears $N. 65^{\circ} W.$ 99 lks. dist.

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

80.15 The corner to sections 19. 20. 29 & 30

Land mountainous

Soil 3rd rate

Timber of pine, juniper & cedar.

Vegetation. Grass & sage.

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

W. R. Fitzgerald Mar, 14, 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.
Variation $14^{\circ} 45'$ East.

Ascend. gradually.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

48.00 Top of Ridge, bears N. E. & S. Wand descend.

78.34 Intersect W. B. of Tp. 0 lks. N. of cor. to secs.

previously set by me.
19.24.25 & 30 from which corner, I run

$N. 89^{\circ} 57' E.$ on a true line, between sections 19 & 30

Variation $14^{\circ} 45'$ East.

38.34 Set a Sand stone $15 \times 12 \times 5$ 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 Juniper 13 ins. diam. bears $S. 29\frac{1}{2}^{\circ} W.$ 1.33 lks. dist.

marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

78.34 The corner to sections 19. 20. 29 & 30

Land mountainous

Soil 3° rate

Timber of fern & juniper.

Vegetation. grass & sage.

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

J. C. Capp Comptroler Mar. 14. 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation $14^{\circ} 45'$ East.

Ascend.

40.00

Set a Sand stone $14 \times 12 \times 8$ 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.

56.00

Top of Butte and descend

68.00

Cross Wash, 60 lks. wide, Course S. W. and ascend.

80.00

Set a Sand stone $20 \times 10 \times 5$ ins. 15 ins. in the ground for Cor. to Secs. 17. 18. 19. 20 marked with 3 notches on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

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

Land mountainous

Soil 3rd rate

Timber of pine.

Vegetation. grass & sage.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 45' East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

41.00 Cross Wash, 1.00 lks. wide, Course N. 10° W.

54.00 A Spring, bears N 10° W. 1.00 lks. dist.

70.60 Cross Wash, 50 lks. wide, Course S. 10° W. and ascend.

80.03 Intersect N. & S. line, 24 lks. S. of cor. to secs.

10.17.20 from which corner, I run

S. 89° 50' W. on a true line between sections 17 & 20

Variation 14° 45' East

40.01 Set a sand stone 15 x 12 x 10 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 13 ins diam. bears S 27° E. 84 lks. dist.

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

80.03 The corner to sections 17. 18. 19 & 20

Land mountainous

Soil 3rd rate

Timber of pine, cedar & juniper.

Vegetation grass & sage.

W. R. Fitzgerald Mar. 14. 1883

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.52.00 Cross Wash, 1.00 lks. wide, Course $S. 15^{\circ} W$ and ascend.78.00 Intersect W. B. of Tp. - 18 lks. S. of cor. to secs.previously set by me.
18, 19, 19 & 24 from which corner, I run $S. 59^{\circ} 52' E$ on a true line, between sections 18 & 19Variation $14^{\circ} 45'$ East.38.00 Set a Sand stone $24 \times 10 \times 4$ ins., 18ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ on N.

face, and raised a mound of stone alongside. Pits

impracticable. from which

A Juniper 14 ins. diam. bears $S. 38^{\circ} W$ 1.4 lks. dist.marked $\frac{1}{2}$ S. B. T. No other trees within limits.

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

Land mountainous

Soil 3rd rate

Timber of pine, cedar & juniper.

Vegetation, grass & sage.

S. O. Cook Compassman Mar. 15, 1883

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 14° 45' East.*Descend.*12.00 Cross Wash, 100 lks. wide, Course S. 70° W and ascend.34.00 Top of Spur, bears E. & W. and descend.40.00 Set a Sand stone 10 x 12 x 4 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.44.00 Cross Wash, 70 lks. wide, Course W. and ascend.76.00 Top of Spur, bears N. 70° E & S. 70° W and descend.80.00 Set a Sand stone 13 x 12 x 5 ins. 8 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.*from which*A Juniper 20 ins. diam. bears N. 30° E. 148 lks. dist. marked T. 20 N. R. 1 E, S. 4 B. T.*No other trees within limits.**Land mountainous*Soil 3% rateTimber of pine, cedar & juniper.Vegetation. grass & sage.

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 45'$ East.

Along N. Slope.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.67.00 Cross Wash, 40 lks. wide, Course $N. 30^{\circ} W.$ and ascend.79.80 Intersect N. & S. line, 11 lks. $N.$ of cor. to secs.

8, 9, 16 & 17 from which corner, I run

 $N. 89^{\circ} 55' W.$ on a true line between sections 8 & 17Variation $14^{\circ} 45'$ East39.93 Set a Sand stone $20 \times 10 \times 4$ 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 whichA Cedar 20 ins, diam, bears $N. 20^{\circ} W.$ 70 lks, dist, marked $\frac{1}{4}$ S. B. T. No other trees within limits.

79.80 The corner to sections 7, 8, 17 & 18

Land mountainous

Soil 3rd rate

Timber of yew, cedar & juniper

Vegetation grass & sage.

W. R. Fitzgerald Mar. 15. 1883

Township 20 N Range 1 EGila and Salt River Meridian.

Chains

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

Variation 14° 45' East.Descend. abruptly.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.67.00 Cross-Canon, 13 lks. wide. Course S. W. and ascend77.92 Intersect W. B. of Tp. 53 lks. S. of cor. to secs.
previously set by me.

7. 12 13 & 18 from which corner, I run

S. 89° 37' On a true line, between sections 7 & 18- Variation 14° 45' East.87.92 Set a - Sand stone 20 x 10 x 0 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

unpracticable. from which

At Pine 20 ins, diam. bears N. 30° E. 14 lks. dist.marked $\frac{1}{4}$ S. B. T. No other trees within limits.

77.92 The corner to sections 7. 8. 17 & 18

Land mountainous

Soil 3rd rateTimber of pine, juniper & cedar.Vegetation. grass & sage.

S. C. Capp, Compassman Mar. 15. 1883

Township 20 N. Range 1 E.

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation $141^{\circ} 40'$ East.

Ascend.

40.00

Set a Sand stone $18 \times 14 \times 6$ 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.

65.00

Top of Hill bears N. 6° E. S. W. and descend.

Cross Hill Cañon 2.80 lks wide corner west

75.00

80.00

Set a Sand stone $20 \times 10 \times 7$ ins. 16 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.

from which

A Pine 10 ins, diam. bears S. 10° E. 1.14 lks. dist. marked T. 20 N. R. 1 E. S., 8 B. T.

A Pine 8 ins, diam. bears S. 30° W. 1.42 lks. dist. marked T. 20 N. R. 1 E. S., 7 B. T.

No other trees within limits.

Land mountainous

Soil 3^{rd} rateTimber of *juniper*.Vegetation. *grass & sage*.

Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 45' East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

42.00 Cross Canon, 2.5 lks. wide, Course $S. 15^{\circ} W$ ascend

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

4.5.8 & 9 from which corner, I run

N. $89^{\circ} 51' W$. on a true line between sections 5 & 8

Variation 14° 45' East

4003 Set a sand stone 14 x 13 x 9 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.

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

Land mountainous

Soil 3^{rd} rate

Timber of pine.

Vegetation. grass & sage.

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

W. R. Fitzgerald Mar. 15, 1883

BOOK 300
Township 20 N Range 1 E

Gila and Salt River Meridian.

Chains West, on a random line between Sections 6 and 7.
Variation $14^{\circ} 45'$ East.

Ascend.

26.00 Top of Ridge, bears $N 20^{\circ} E$ & $S 20^{\circ} W$ and descend.

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

57.00 Cross Wash, 1.00 lks. wide, Course $S 30^{\circ} W$ and ascend.

77.63 Intersect W. B. of Tp. 31 lks. S. of cor. to secs.
previously set by me.

1.0. 7 & 12 from which corner, I run

$S 89^{\circ} 47' E$ on a true line, between sections 10 & 17

Variation $14^{\circ} 45'$ East.

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

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

from which

A Cedar 12 ins. diam, bears $N 58^{\circ} E$ 90 lks. dist,

marked $\frac{1}{2}$ S. B. T. No other trees within limits.

77.63 The corner to sections 5. 10. 7 & 8

Land mountainous

Soil 3rd rate

Timber of yew, oak & cedar

Vegetation. grass & sage.

Township 26 N Range 1 E

Gila and Salt River Meridian.

Chains North, on a ^{true} random line between Sections 5 and 6.
Variation 14° 45' East.

Ascend.

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

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

55.50 Cross Wash, 50 lks. wide, Course S. W. and ascend.

80.04 Intersect the 5th Standard Parallel North at a point 2.08 chs. West of the Standard Cor. to Secs. 31 and 32 T. 21 N R. 1 E, at which point I

Set a Sand stone 4 x 10 x 6 ins. 18 ins. in the ground for Closing Cor. to Secs. 5 and 6 marked C. C. with 5 notches on E. and 1 notch on W. edges and raised a mound of stone alongside.

Pits impracticable.

Land mountainous

Soil 3rd rateTimber of Yew, cedar & oakVegetation. Grass & sage

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

J. C. Baker Compassman Mar. 15, 1883

GENERAL DESCRIPTION.

The land in this Township
is generally mountainous.
Soil 3rd rate.

Vegetation consists of grass
and sage.

Timber of Pine, Oak, Juniper
and Cedar.

The land ~~land~~ in the Township
is well adapted to grazing.

Final Oaths for Surveys.

LIST OF NAMES.

List of the names of the individuals employed by
M. R. Fitzgerald, United States
 Deputy Surveyor, to assist in running, measuring, and marking
 the lines and corners described in the foregoing field-notes of the
 survey of *the 5th Stand, Parallel North along*
N.B. Tps 21 N. Rs 1 + 2 E, The Gila + Salt
River Meridian along N.B. Tps 19 + 20 N.
R 1 E, The 6th Stand, Parallel North along
N.B. T. 25 N R 3 E, The Exterior and
subdivision lines of Tps 19 + 20 N. R 1 E,
Tps 19, 21, 22 + 23 N R 1 E, Tps 22, 23
+ 24 N R 3 E, and Tps 23 N Rs 4 + 6 E
and the E. B. of Tps 22 N R 6 E 4 + 5. R 7 N
 showing the respective capacities in which they acted.

S. C. Capp, Compassman.

Thomas J. Kern, Chainman.

W. L. Van Horn, Chainman.

Theodore Freise, Chainman.

H. Black, Chainman.

S. A. Walker, Axeman.

M. Nelson, Axeman.

Wm A. Blair, Flagman.

W. H. Gray, Flagman

Final Oaths of Assistants.

We hereby certify that we assisted *W. R. Fitzgerald*, United States Deputy Surveyor, in surveying all those parts or portions of the 5th Standard Parallel North along *N.B. Tps 21 N. R. 1 + 2*. The Gila and Salt River Meridian along *N.B. Tps 19 + 20 N. R. 1 E.* The 6th Standard Parallel North along *S. B. T. 25 N. R. 3 E.* The eastern and subdivision lines of *Tps 19 + 20 N. R. 1 E. R. 3 E. and Tps 23 N. R. 4 + 6 E.* The *E.B. of T. 2 N. R. 4* of the Gila and Salt River base and

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

J. McCaff, Compassman.
Thos. Kerr, Chainman.
W. L. Van Horn, Chainman.
Theodore Friese, Chainman.
A. J. Blacht, Chainman.
S. A. Walker, Axeman.
M. Nelson, Axeman.
Wm. A. Blair, Flagman.
W. H. Gray,

Subscribed and sworn to before me this
 day of *March*, 188*3*

A. S. Shaemaker

U. S. Commissioner, 3d Judicial District
 Arizona Territory.

Final Oath of United States Deputy Surveyor.

I, M. R. Fitzgerald,

United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from John Wasson

, United States Surveyor-General

for Arizona, bearing date of the

27th day of July, 1882

I have well, faithfully, and truly, in my own proper person, and

in strict conformity with the instructions furnished by the United

States Surveyor-General for Arizona,

the surveying manual, and the laws of the United States, sur-

veyed all those parts or portions of the 5th Standard Parallel North along S.B. Tps 21 N R 1 + 2 E
The Gila & Salt River Meridian along N.B. Tps 19 + 20 N R 1 E. The 6th Standard Parallel North along S.B. T. 25 N R 3 E
The Exterior and Subdivision lines of Tps 19 + 20 N R 1 E. Tps 19. 21. 22 + 23 N R 2 E. Tps 22. 23 + 24 N R 3 E and T. 23 N R 4 + 6 E and the S.B. of Tps 22 N R 6 E

of the Gila & Salt River base and

Meridian in the Territory of Arizona,

as represented in the foregoing field-notes as having been surveyed

by me and under my directions; and I do further solemnly swear

63

65

that all the corners of said survey have been established and per-
 petuated in strict accordance with the surveying manual, printed
 instructions, the special written instructions of the United States
 Surveyor-General for Arizona, and in
 the specific manner described in the field-notes, and that the fore-
 going are the true field-notes of such survey; and, should any
 fraud be detected, I will suffer the penalty of perjury, under the
 provisions of an Act of Congress, approved August 8, 1846.

St. R. Fitzgerald.

United States Deputy Surveyor.

Subscribed and sworn to before me this 19th
 day of March, 1883

A. Shoemaker
 U. S. Commissioner, 3d Judicial District,
 Arizona Territory.



U. S. Surveyor General's Office,

Tucson, Arizona, *Sept. 25, 1884*

The foregoing Field Notes of the Survey of the

*Subdivision Lines of
Township 20 North
Range 1 East*

Of the Gila and Salt River Base and Meridian, Arizona, executed by *W. R. Fitzgerald*

Deputy Surveyor, under his contract of the *3^d* *July*

day of *July*, 188*2*, having been

critically examined and the necessary corrections and explanations

made, the said Field Notes and the surveys they describe

are hereby approved

Robert Johnson
Surveyor General.