

*Loopholes
Platted
Completed*

~~Book No.~~

M. R. Fitzgerald Deputy Surveyor.

T. *5 North*, **R.** *28 East*,

Gila and Salt River Meridian.

No - 30 -

Field Notes

OF

THE SUBDIVISION LINES OF

Township *5 North*, Range *28 East*,

Gila and Salt River Meridian.

BY

M. R. Fitzgerald Deputy Surveyor.

Under his Contract of *July 22*, 188*2*,

Survey Commenced *Aug. 9*, 188*3*,

Survey Completed *Aug 17*, 188*3*.

Platted,
Copied for Washington,
Copied for Register,

No - 30 -

30

No-30-

1

W. R. Fitzgerald Deputy Surveyor.

T. *5 North* **R.** *28 East*

Gila and Salt River Meridian.

Field Notes

OF

THE SUBDIVISION LINES OF

Township *5 N.*, Range *28 E.*

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A. J. LEARY,
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1A

BOOK 30

Township 5 North, Range 28 East,
G & S R Meridian.

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OK

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

.....Meridian.

BOOK 30

No-30-

For preliminary plats
 see book No. 1

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

(See previous page.)

Chains

Standard
From the Corner to Sections ~~32~~, 35 & 36 on the South boundary
previously set by me.
I run

North, between Sections 35 and 36.

Variation

114° 18'

East.

Descend

110.00

Set a Basalt stone 11 1/2 x 14 1/2 x 8 ins. 9
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 Pine 8 ins, diam. bears S. 15° W, 21 lks. dist.
marked 1/2 S. B. T. No other trees within limits.

80.00

Set a Basalt stone 16 x 14 x 11 ins. 11 ins. in
the ground for Cor. to Secs. 25-26-35-36 marked
with 1 notch on S. and 1 notch on E. edges and
raised a mound of stone alongside. Pits impracticable.

from which

A Pine 30 ins, diam. bears N. 20° E, 37 lks. dist.
marked T. 5° N, E. 28° S, 25 B. T.
No other trees within limits.

Land mountainous

Soil 1" & 2" rate

Timber of Pine Spruce & Aspen.

Vegetation, Grass.

Township 5 N, Range 28 E,Gila and Salt River Meridian.

Chains

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

Variation 14° 18' East.

Descend.

- 14.00 Cross Gulch, $\frac{1}{2}$ lks. wide, Course $\frac{1}{2}$ and ascend.
- 20.00 Top of Spur, bears N. & S. and descend.
- 40.90 Set temporary $\frac{1}{4}$ Sec. Cor.
- 52.00 Cross Black River, 22 lks. wide Course $\frac{1}{2}$ N.
- 80.13 Intersect E. B. of Tp. 54 lks. N. of cor. to secs.
previously set by me.
- 25-30-31-36 from which corner, I run
 N. 89° 37' N on a true line, between sections 25-36,
 Variation 14° 15' East.
- 40.07 Set a Sand stone 16 x 11 x 9 ins., 11
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N,
 face, and raised a mound of stone alongside. Pits
 impracticable.
- 80.13 The corner to sections 25-26-35-36,
 Land mountainous
 Soil 1" & 2" rate
 Timber of Pine Fir and Aspen.
 ✓ Vegetation, Grass.

Township

5 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation

111° 15'

East.

Ascend.

40.00

Set a

Sand

stone 16 x 11 x 9 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 which

A Pine 30 ins. diam. bears N. 50° W., 22 lks. dist.

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

No other trees within limits.

70.00

Along level land.

80.00

Set a

Sand

stone 18 x 16 x 12 ins., 12 ins. 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.

from which

A Pine 20 ins. diam. bears S. 17° W., 10 lks. dist.

marked T. 5 N., R. 28 E., S. 26 B. T.

No other trees within limits.

Land rolling.

Soil 1" & 2" rate

Timber of

Pine, Fir, Open, Oak & Hemlock.

Vegetation,

Grass.

Township

5 N,

Range

28 E,

Gila and Salt River Meridian.

Chains

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

Variation

111° 18'

East.

Over level land

20.00 Descend.

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

80.45 Intersect C, B. of Tp. 16 lks. N. of cor. to secs.

19-21-25-30 from which corner, I run

NS 95° 53' N on a true line, between sections 24-25.

Variation

14° 15' East.

40.23 Set a Sand stone 16 x 11 x 8 ins.!!

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 16 ins. diam. bears S. 50° W, 70 lks. dist.

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

No other trees within limits.

80.145 The corner to sections 23-24-25-26,

Land level.

Soil 1" 9 2" rate

Timber of

Pine, Fir, Oak & Gambok,

Vegetation,

Grass.

Township

5 N,

Range

28 E;

Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation

114° 18'

East.

Over level land

35.00

Ascend.

40.00

Set a

Basalt stone 18 x 16 x 10 ins. 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N, face, and raised a mound of stone alongside. Pits impracticable.

from which

A Pine 48 ins, diam. bears N. 60° E, 114 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

47.00

Top of Hill bears

E. & W.

and descend.

54.00

Cross Gulch, 8 lks. wide, Course E. and ascend.

70.00

Top of Spur, bears

E. & W.

and descend.

80.00

Set a

Basalt stone 14 x 10 x 8 ins. 9 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 Pine 36 ins, diam. bears N. 85° E, 5 lks. dist. marked T. 577, R. 28 E, S., 13 B. T.

A Pine 6 ins, diam. bears S. 87° W, 22 lks. dist. marked T. 577, R. 28 E, S., 23 B. T.

No other trees within limits.

Land mountainous & level.

Soil

2" rate

Timber of

Pine, Fir & Aspen,

Vegetation.

Grass.

Township 5 N, Range 28 E,
Gila and Salt River Meridian.

Chains

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

Variation 14° 15' East.

Ascend

20.00 Top of Spar, bears N. E. & S. W., and descend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.50.26 Intersect E. B. of Tp. S lks S, of cor. to secs.13-18-14-24 ^{previously set by me.} from which corner, I runS. 89° 57' 11" on a true line, between sections 13-24.Variation 14° 15' East.110.73 Set a Basalt stone 14 x 10 x 9 ins. 9ins. 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.

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

Land mountainous

Soil 2" rateTimber of Pine, Fir, Oak & Asher.Vegetation. Grass.

Township

577,

Range

28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation

14° 18'

East.

Over rolling land.

1.54 Cross Gulch, 10 lks. wide, Course S 50° W and ascend.

40.00 Set a Basalt stone 16 x 14 x 8 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone alongside. Pits impracticable.

A Spruce 4 ins. diam. bears N. 10° W, 21 lks. dist. marked 1/4 S. B. T. from which

No other trees within limits.

80.00 Set a Basalt stone 16 x 14 x 10 ins., 11 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.

A Pine 28 ins. diam. bears N. 5° E, 29 lks. dist. marked T. 577, R. 28 E, S., 12 B. T. from which

A Pine 18 ins. diam. bears S. 10° W, 50 lks. dist. marked T. 577, R. 28 E, S., 14 B. T.

No other trees within limits.

Over rolling.

Soil 1" & 2" rate

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

Township 57N, Range 28E,Gila and Salt River Meridian.

Chains

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

Variation

14° 15'

East.

*Ascend.*14.00 Top of Hill bears N. 17. 9 S. E. and descend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.60.00 Cross low Spg and ascend.80.00 Intersect C. B. of Tp. 22 lks. 77 of cor. to secs.7-12-13-14 previously set by me.
from which corner, I runN. 59° 51' 11" on a true line, between sections 12-13.

Variation

14° 15'

East.

40.01 Set a Basalt stone 16 x 11 x 10 ins., 11
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.80.02 The corner to sections 11-12-13-14,

Land rolling.

Soil 1" & 2" run

Timber of

Vegetation,

Pine, Fir, Oak, and Aspen,
Grass.Aug. 4, 1883.

Township 5 N, Range 28 EGila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

11° 18'

East.

Ascend.

- 1.45 A Pine 14 ins, diam.
- 3.45 A Pine 24 ins, diam.
- 15.00 Top of Hill bears N. 6° 9 S. 17, and descend.
- 36.00 Cross Ravine, Course S. 70° E, and ascend
- 40.00 Set a Basalt stone 15 x 14 x 13 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.
- 2 Pine 48 ins, diam. bears S. 85° E, 18 lks. dist. from which marked $\frac{1}{2}$ S. B. T. No other trees within limits.
- 60.00 Top of Spur, bears E. 9 W, and descend.
- 70.00 Cross low Sag and ascend.
- 80.00 Set a Basalt stone 16 x 14 x 11 ins, 11 ins. in the ground for Cor. to Secs. 1-2-11-13 marked with Notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pits impracticable.
- A Pine 8' ins, diam. bears S. 70° E, 54 lks. dist. from which marked T. 5 N. R. 28 E. S., 12 B. T.
- No other trees within limits.
- Land mountainous
- Soil 2" rate 1,
- Timber of Pine, Fir & Aspen.
- Vegetation, Grass.

Township 5 N. Range 28 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

Ascend.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.St. 31 Intersect E. B. of Tp. 38 lks. N. of cor. to secs.1-6-7-12 ^{previously set by me.} from which corner, I runN. 89° 41' on a true line, between sections 1-12,Variation 14° 15' East.

1/10.16 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, dug pits, 18 x 18 x 12 ins., E. and W. ofpost 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

marked 1/2 S. B. T. bears S. 30° W., 50 lks. dist.marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

St. 31 The corner to sections 1-2-11-12,

Land mountainous

Soil 1" 9 2" rate

Timber of

Pine, Fir, Aspen, Oak & Hemlock,

Vegetation,

Grass.

Township 577, Range 28 E.

Gila and Salt River Meridian.

Chains North, on a random line between Sections 1 and 2.
Variation 114° 18' East.

Ascend.

6.21 # Fir 48 ins. diam.

20.00 Top of Hill bears E. 9 W. and descend.

40.00 Set temporary 1/2 Sec. Cor.

44.20 Cross Brook. 4 lks. wide, Course East and ascend

74.65 Intersect N.B. of Tp. 17 lks. N. of cor; to secs.

1-2-35-36 ^{previously set on 17th} from which corner, I run

S. 71° 11'; on a true line, between sections 1-2,

Variation 111° 21' East.

39.05 Set a Sand stone 14 x 12 x 8 ins., 9

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

face, and raised a mound of stone alongside. **Pile**

impracticable.

74.65 The corner to sections 1-2-11-12,

Land mountainous

Soil 1" 9 2" rate

Timber of Pine, Fir, Open, Fir & Hemlock,

Vegetation, Grass.

Township

577

Range

28 E

Gila and Salt River Meridian.

Chains

Standard
From the Corner to Sections 33, 34 & 35 on the South boundary
previously set by me.
I run

North, between Sections 34 and 35.

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

Over mountainous land

40.00

Set a Sand stone $20 \times 12 \times 10$ ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

30.00

Set a Sand stone $20 \times 18 \times 12$ ins., 15 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.

1 Pine 12 ins. diam. bears S. 5° E, 50 lbs. dist. from which marked T. 577, R. 28 E. S., 35 B. T.

No other trees within limits.

Land mountainous

Soil 2" & 3" rate

Timber of Pine & Oak.

Vegetation, Grass.

Township 5 N, Range 28 E,Gila and Salt River Meridian.Chains East, on a random line between Sections 26 and 35.
Variation 114° 15' East.*Over rolling land.*40.00 Set temporary $\frac{1}{2}$ Sec. Cor.113.00 Cross Brook. 4 fms. wide, near S. 1/4.116.27 Intersect N. & S. line, 29 fms. S of cor. to secs.25-26-35 from which corner, I runS 89° 18' W. on a true line between sections 26-35,Variation 114° 18' East146.14 Set a Sand stone 14 x 10 x 8 ins., 9
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N,
face, and raised a mound of stone alongside. Pits
impracticable.150.27 The corner to sections 26-27-34-35.*Land rolling.*Soil 2" x 3" redVegetation Pine, Oak & Hemlock,
Grass.

Township 57, Range 28 6,

Gila and Salt River Meridian.

Chains North, between Sections 26 and 27. Variation 14° 18' East.

Over mountainous land

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

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

40.00 A Pine 12 ins. diam. which I marked 1/4 S. on N face, for 1/4 sec. cor., dug pits, 18 x 18 x 12 ins. N and S of tree, 5 1/2 ft. dist. and raised a mound of earth around tree.

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

90.00 A Pine 15 ins. diam. which I marked T. 57. S. 23, on N. E. R. 25 & S. 26 on S. E. S. 27, on S. W. and S. 22 on N. W. faces, with 2 notches on S. and 2 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 around tree, for cor. to secs.

22-23-26-27,

Land mountainous.

Soil 2" 93" rate

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

Township

5 N.,

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

111° 18'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

113.00 Top of Spur, bears N. 6. 9 S. W., and descend.

79.86 Intersect N. & S. line, 7 lks. S of cor. to secs.

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

S. 89° 57' W. on a true line between sections 23-26,

Variation 111° 18' East

39.93 Set a Sand stone 18 x 12 x 8 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. Pits

impracticable.

79.86 The corner to sections 22-23-26-27,

Land rolling.

Soil 2" 0 3" rice

Vegetation, Grass

Township 5 N, Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation

114° 18'

East.

Descend.

40.00

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

60.00

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

80.00

Set a Sand stone 18 x 15 x 10 ins. 12 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. ;

A Pine 18 ins, diam. bears N. 30° E, 58 lks. dist. marked T. 5 N, R. 28 E, S., 14 B. T. from which

A Pine 20 ins, diam. bears S. 20° W, 33 lks. dist. marked T. 5 N, R. 28 E, S., 22 B. T.

No other trees within limits.

Land mountainous

Soil 2" 93% rate

Timber of

Vegetation,

Pine, Fir & Oak,
Grass.

Township 5 N., Range 28 E.Gila and Salt River Meridian.Chains East, on a random line between Sections 14 and 23.
Variation 114° 18' East.*Over mountainous land*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.^{77.62} *Corner 4 poles 10 lbs. 11 1/2' corner J. H.*
79.43 Intersect N. & S. line, 41 lks. *J.* of cor. to secs.13/14-23-2 from which corner, I runS 89° 42' W. on a true line between sections 14-23.Variation 114° 18' East39.97 Set a Sand stone 18 x 12 x 6 ins. 2ins. 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 whichA Pine 18 ins, diam. bears S. 40° E., 60 lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.93 The corner to sections 14-15-22-23.

Land mountainous

Soil 2" & 3" rateTimber of Pine, Fir & Aspen,Vegetation, Grass.

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

Aug. 10, 1883.

Township 5 N., Range 28 E.Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

14° 18'

East.

Ascend.

14.00 Set a Sand stone $20 \times 18 \times 10$ 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.

80.00

Set a Sand stone $12 \times 10 \times 6$ 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. on top of Ridge, above N.W. 9 S. 6. Land mountainous

Soll 1" 92% rate

Timber of

Pine, Fir, Aspen, Fir & Shrub, etc.

Vegetation, Grass.

19 BOOK 30
Township 5 N, Range 28 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 18'

East.

Descend.

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

St. 14 Intersect N. & S. line, 13 lks. N. of cor. to sec.

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

77.89 54' W. on a true line between sections 11 14.

Variation

111° 18'

East

140.07 Set a Sand stone 12 x 12 x 1' ins. S

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

face, and raised a mound of stone alongside.

Pits

unpracticable.

St. 11 The corner to sections 10-11 14-15,

Land mountainous

Soil

2"

Timber of

rate
Pine, Oak, Fir & Aspen,

Vegetation,

Grass.

Township 522, Range 28 E;Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

112° 18'

East.

Over rolling land.

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

80.00 Set a *Sand* stone 16 x 12 x 8 ins. 11 ins. in the ground for Cor. to Secs. 2-3-10-11 marked with 5 notches on S. and 2 notches on E. edge and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 2" rate
Vegetation, *Grass,*

Township 5 N., Range 28 E.Gila and Salt River Meridian.

Chains

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

Variation

14° 28'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

115.00 Top of Ridge, bears N. 17.9 S. E. and descend.

79.54 Intersect N. & S. line, 2¹/₂ lks. N. of cor. to secs.

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

N 54° 50' W. on a true line between sections 2-11,

Variation 14° 18' East

39.95 Set a Sand stone 15 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.

79.89 The corner to sections 2-3-10-11.

Land mountainous

Soil 2" & 3" rate

Timber of Pine, Fir, and Hemlock.

Vegetation, Grass,

Township 5 N. Range 28 E.

Gila and Salt River Meridian.

Chains North, on a random line between Sections 2 and 3.
Variation 114° 18' East.

Ascend.

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

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

70.00 Leave Timber, back E. & W.

79.51 Intersect N.B. of Tp. 114 lks. E. of cor. to secs.

2-3-34-35 ^{previously set by me.} from which corner, I run

S. 6' E., on a true line, between sections 2-3,

Variation 114° 21' East.

39.51 Set a Sand stone 16 x 11 x 8 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
unpracticable.

79.51 The corner to sections 2-3-10-11.

Land rolling.

Soil 1" & 2" rate

Timber of Pine, Fir, Oak.

Vegetation, Grass.

Township

5N

Range

28E

Gila and Salt River Meridian.

Chains

*Standard*From the Corner to Sections ~~34~~ 33 & 34 on the South boundary*previously set by me.*

I run

North, between Sections 33 and 34.

Variation

14° 18'

East.

Over rolling land.

40.00 Set a Sand stone 14 x 10 x 6 ins. 9
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

80.00 Set a Sand stone 18 x 12 x 8 ins. 2 ins. in
the ground for Cor. to Secs. 27-28-33-34 marked
with notch on S. and 3 notches on E. edge and
raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 2" 93" rate

Timber of

Pine, Fir & Hemlock.

Vegetation,

Grass.

Township

5 N,

Range

28 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 18'

East.

Over rolling land.

28.00 Cross Ravine, Course

S. E.

and ascend

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

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

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

S. 59° 55' W. on a true line between sections 27-34,

Variation 114° 18' East

39.42 Set a Sand stone 18 x 12 x 6 ins., 2

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

face, and raised a mound of stone alongside. Pits

impracticable.

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

land rolling.

Soil 2" 9 3" rate

Timber of Pine, Fir & Hemlock,

Vegetation. , Grass.

Township

5 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation

14° 18'

East.

Over rolling land.

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

45.00 Cross Brook. 5 lks. wide, Course S.E.

80.00 Set a Basalt stone 18 x 12 x 10 ins. 12 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

from which

A Pine 12 ins, diam. bears S. 11°, 60 lks. dist. marked T. 57, R. 28 E., S., 28 B. T.

A Pine 15 ins, diam. bears S. 15°, 30 lks. dist. marked T. 57, R. 28 E., S., 27 B. T.

No other trees within limits.

Land mountainous

Soil 2" & 3" rate

Timber of

Vegetation,

Pine, Fir, Oak & Hemlock,
Grass.

Aug. 11, 1883.

Township 5 N. Range 28 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 22 and 27.,
Variation $14^{\circ}18'$ East.

Over rolling land.

- 2.00 Top of Ridge, bears *N. 9 S.* and descend.
23.00 Cross Wash, 10 lks. wide, Course *S.* and ascend.
40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
45.00 Top of Ridge, bears *N. 17.9 S. E.* and descend.
62.00 Cross low Sag and ascend.
65.50 Top of Ridge, bears *N. 17.9 S. E.* and descend.
75.00 Cross Wash, 15 lks. wide, Course *S. W.* and ascend.
79.61 Intersect N. & S. line, 26 lks. *S.* of cor. to secs.
22-23-26-27 from which corner, I run

S. 89 $^{\circ}$ 49' W. on a true line between sections 22-27,
Variation $14^{\circ}18'$ East

- 84.81 Set a Basalt stone 10 x 10 x 8 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. **Pits**

impracticable.

from which

A Pine 15 ins. diam. bears *S. 5 $^{\circ}$ W.*, 40 lks. dist.
marked $\frac{1}{4}$ S. B. T. No other trees within limits.

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

land mountainous

Soil 2" & 3" rate

Timber of Pine, Fir, Oak & Hemlock.

Vegetation, Grass.

Township 5 N., Range 28 E.

Gila and Salt River Meridian.

Chains North, between Sections 21 and 22.
Variation 14° 18' East.*Over mountainous land*

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

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

80.00 Set a Malapai stone 18 x 12 x 10 ins. 12 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

from which

A Pine 12 ins, diam. bears N. 17., 50 lks. dist. marked T 577, R. 28 E S., 16 B. T.

No other trees within limits.

*Land mountainous.*Soil 2" 9 3" rockVegetation, grass.

Township 5 N. Range 28 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.
Variation $114^{\circ} 18'$ East.

Descend.

10.00 Cross low Sag and ascend.

20.00 Top of Ridge, bears $N. 6^{\circ} 9' S. W.$ and descend.

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

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

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

$N. 59^{\circ} 54' W.$ on a true line between sections 15-22.

Variation $114^{\circ} 15'$ East

39.90 Set a Sand stone 18 x 10 x 4 ins., 12

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

face; and raised a mound of stone alongside. **Pits**

impracticable.

79.79 The corner to sections 15-16-21-22,

Land mountainous

✓ Soil 2" & 3" rate

Timber of Pine, Oak, Fir & Aspen.

✓ Vegetation, Grass.

Township

5 N,

Range

28 E,

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 18'

East.

Over rolling land.

.20

Descend.

25.00

Cross low Sag and ascend.

40.00

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

A Pine 15 ins, diam. bears S. 30° E, ^{from which} 34 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

60.00

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

80.00

Set a Basalt stone $12 \times 8 \times 6$ ins. 8 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.

A Pine 15 ins, diam. bears S. E, ^{from which} 35 lks. dist. marked T. 57, R. 28 E, S., 15 B. T.

A Pine 15 ins, diam. bears S. N., 50 lks. dist. marked T. 57, R. 28 E, S., 16 B. T.

No other trees within limits.

Land rolling.

Soil 2" 93" rate

Timber of

Pine, Oak, Fir & Aspen.

Vegetation,

Grass.

Township 5N, Range 28E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 10 and 15.
Variation 114°18' East.

Over rolling land.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
P.O.7 Intersect N. & S. line, 26 lks. N. of cor. to secs.
10-11-14-15 from which corner, I run
N. 89° 40' W. on a true line between sections 10-15,
Variation 114°18' East

40.04 Set a. Basalt stone 12 x 12 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 15 ins, diam. bears S.E., 35 lks. dist.
marked $\frac{1}{4}$ S. B. T.
No other trees within limits.

S.O.7 The corner to sections 9-10-15-16.
Land rolling.
Soil 2" 83" rate
Timber of Pine, Oak, Fir & Aspen.
Vegetation, Grass.

Township 5N, Range 28E.

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation

14° 18'

East.

Over rolling land.

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 $\frac{1}{2}$ 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 Aspen 8 ins. diam. bears S. 10° W., 15 lks. dist.
marked $\frac{1}{2}$ S. B. T.

A Pine, 30 ins. diam. bears N. 10° W., 30 lks. dist.
marked $\frac{1}{2}$ S. B. T.

80.00 To an Aspen, 12 ins. dia. which I marked
T. 5N. S. 3, on N. E. R. 28E. S. 10 on
S. E. S. 9, on S. W. and S. on N. W. faces,
with 5 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 around tree, for cor. to secs.

3-4-9-10,

from which

A Pine 10 ins. diam. bears S. 10° E., 10 lks. dist.
marked T. 5N, E. 28E, S., 10 B. T.

No other trees within limits.

Land rolling.

Soil 2" & 3" rate

Timber of

Pine, Fir, Aspen, Oak & Hemlock.

Vegetation,

Grass.

Township 5 N, Range 28 E,Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

Over rolling land.

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

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

23-10-11 from which corner, I run

S 87° 35' W. on a true line between sections 3-10,

Variation

14° 18'

East

39.99 Set a Sand stone 12 x 8 x 4 ins., S

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.

79.98 The corner to sections 3-11-9-10,

land rolling.

Soil 2" 23" rate

Timber of Pine, Fir, Aspen, Oak & Hemlock,

Vegetation, Grass.

Township 5 N., Range 28 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

Over rolling land.

10.00 Top of Ridge, bears N. 60° E. 9 S. 80° W. and descend.

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

142.00 Cross Ravine, Course N. E., and ascend

79.86 Intersect N. B. of Tp. 32 lks. E. of cor. to secs.

31-33-34 from which corner, I run

S. 124° E., on a true line, between sections 3-4.

Variation 14° 21' East.

39.86 Set a Sand stone 12 x 10 x 4 ins., 8
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

79.86 The corner to sections 3-4-9-10.

Land mountainous & rolling.

Soil 2" rate

Timber of Pine, Fir, Ash, Oak & Hemlock.

Vegetation, Grass.

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

Aug. 13, 1883.

Township 5 N. Range 25 E.Gila and Salt River Meridian.

Chains

Standard
From the Corner to Sections ~~45~~, 32 & 33 on the South boundary
previously set by me.
I run

North, between Sections 32 and 33.

Variation 111° 18' East.*Over rolling land.*

46.00 Set a *Sand* stone 16 x 10 x 4 ins. 11
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on 1 face, and raised a mound of stone alongside. *Pits*
impracticable.

80.00 Set a *Sand* stone 18 x 12 x 8 ins. 2 ins. in
the ground for Cor. to Secs. 25-26-32-33 marked
with 1 notch on S. and 1 notch on E. edges and
raised a mound of stone alongside. *Pits impracticable.*

*Land rolling.*Soil 2" rateVegetation, Grass

Township

5 N,

Range

28 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

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

79.62 Intersect N. & S. line, 30 lks. N of cor. to secs.

27-28-33-34 from which corner, I run

N. 89° 47' W. on a true line between sections 28-33.

Variation

14° 18'

East

39.81

Set a Basalt stone 14 x 8 x 6 ins., 9
ins. 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.

79.62 The corner to sections 28-29-32-33.

Over rolling.

Soil 2" 73" rate

Timber of Pine, Fir & Hemlock.

Vegetation, Grass.

Township

5 N.

BOOK
Range

3028 E.

36

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation

14° 18'

East.

Ascend.

24.00 Top of Ridge, bears N.W. 9 S.E. and descend.

40.00 Set a Basalt stone 8 x 6 x 4 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.

58.00 Cross Ravine, Course S.E. and ascend

80.00 Set a Basalt stone 8 x 8 x 8 ins. 5 ins. in the ground for Cor. to Secs. 20-21-28-29 marked with Notches on S. and 4 notches on E. edge and raised a mound of stone alongside. Pits impracticable.

from which

a Pine 20 ins. diam. bears S.W., 15 lbs. dist. marked T.J. 71, R. 286 S., 29 B. T.

No other trees within limits.

Land mountainous

Soil 2° 7 3" rate

Timber of

Pine, Fir & Hemlock,

Vegetation,

Grass.

Township 5 N., Range 28 E.

Gila and Salt River Meridian.

Chains

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

Variation

 $14^{\circ} 18'$

East.

Descend.

5.00 Cross low Sag and ascend.

18.00 Top of Ridge, bears $N. 17.9^{\circ} S. E.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

55.00 Descend abruptly.

65.00 Cross Brook. 5 lks. wide, Course S.

79.95 Intersect N. & S. line, 15 lks. S of cor. to secs.

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

 $S. 89^{\circ} 54' W.$ on a true line between sections 21-28.Variation $111^{\circ} 18'$ East39.98 A Pine 36 ins. diam. which I marked $\frac{1}{2}$ S.on N. face, for $\frac{1}{4}$ sec. cor., dug pits, 18 x 18 x 12 ins.E and W of tree, $5\frac{1}{2}$ ft. dist. and raised a mound

of earth around tree. from which

A Pine 30 ins. diam. bears $S. 5^{\circ} E.$, 30 lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.95 The corner to sections 20-21-28-29,

Land mountainous

Soil 1" 0 2" rate

Timber of Pine, Spruce, Aspen, Oak & Hemlock,

Vegetation, Grass.

Township 5 N. Range 28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation 14° 18' East.

Ascend.

40.00 Set a Sand stone 18 x 6 x 6 ins. 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N, face, and raised a mound of stone alongside. Pits impracticable.

30.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 16-17-20-21 marked T577. S, 16, on N, E, R, 28 E. S. 2-1 on S, E, S, 20 on S, W, and S, 17 on N, W, face with 3 notch 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 around post.

from which
An Aspen, 15 ins. diam. bears N10 E, 60 lks. dist.
marked T577. R. 28 E. S., 16 B. T.

No other trees within limits.

Land mountainous

Soil 2" 73" rate

Timber of Pine, Fir, Oak & Hemlock,

Vegetation, Grass.

Township 5 N., Range 28 E.Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

Ascend.

10.00 Top of Mesa.28.00 Descend abruptly.29.60 Cross Brook. 5 lks. wide, Course S.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.61.00 Top of Ridge, bears N.W. & S.E., and descend.80.31 Intersect N. & S. line, 23 lks. N. of cor. to secs.15-16-21-22 from which corner, I runN. 89° 50' W. on a true line between sections 16-21.

Variation

14° 18'

East

40.16 Set a Basalt stone 18 x 15 x 10 ins., 12ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N,face, and raised a mound of stone alongside. Pitsimpracticable.from whichA Pine 30 ins, diam. bears N. 15° E, 20 lks. dist.marked $\frac{1}{2}$ S. B. T.No other trees within limits.80.31 The corner to sections 16-17-20-21,Land mountainousSoil "92" rateTimber of Pine, Fir, Aspen, Oak & Hemlock.Vegetation, Grass.

Township 5 N., Range 28 E.,

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 18'

East.

Over rolling land.

10.00 Descend

30.00 Cross Brook, 14 lks. wide, Course S. E. & ascend,

40.00 Set a Basalt stone 20 x 18 x 10 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.

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

80.00 Set a Sand stone 15 x 12 x 8 ins. 10 ins. in the ground for Cor. to Secs. 9-16-17 marked with 4 notches on S. and 4 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

A Yellow Pine 14 ins diam. bears from which N. 17 $\frac{1}{2}$ E. S. 4 lks. dist. marked T. 571, R. 28 E. S., 9 B. T.

A Yellow Pine 6 ins diam. bears S. 6° W., 55 lks. dist. marked T. 571, R. 28 E. S., 17 B. T.

No other trees within limits.

Land rolling.

Soil 1" & 2" rate

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

Aug. 14, 1883.

Township

5 N., Range 28 E.

Gila and Salt River Meridian.

Chains

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

Variation

11° 15'

East.

Over rolling land.

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

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

79.51 Intersect N. & S. line, 37 lks. S' of cor. to secs.

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

S. 89° 44' W. on a true line between sections 9-16.

Variation 14° 18' East

39.91 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. S. and N. of

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

from which

A Pine 18 ins. diam. bears N. 34° N., 20 lks. dist.

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

No other trees within limits.

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

Land mountainous & rolling.

Soil 2" & 3" rate

Timber of Pine, Fir & Hemlock,

Vegetation, Grass.

Township

572,

Range

25 E,

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation

114° 18'

East.

Over rolling land.

10.00

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

To an Aspen, 10 ins. dia, which I marked T. 577. S. 14, on N. E. R. 25 E S. 9 on S. E. S. 1, on S. W. and S. 5 on N. W. faces, with 5 notch on S. and 4 notch on E. edges but pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth around tree, for cor. to secs.

0.00

14 - S - 8 - 9 from which
An Aspen 8 ins. diam. bears N. 40° W, 20 Ws. dist.
marked T. 577, R. 25 E. S., 5 B. T.
An Aspen, 6 ins. diam. bears S. 20° E, 30 Ws. dist.
marked T. 577, R. 25 E. S., 9 B. T.

No other trees within limits.

Land mountainous & rolling.

Soil 2" 4 3" rate

Timber of Pine, Fir & Hemlock,

Vegetation, Grass.

Township 5 N, Range 28 E,Gila and Salt River Meridian.

Chains

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

Variation

11° 18'

East.

Ascend.

35.00 Top of Ridge, bears N. 4 S. and descend.

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

75.00 Top of Ridge, bears N. 6° 9 S. W.

79.75 Intersect N. & S. line, $\frac{1}{4}$ lks. S. of cor. to secs.

3-4-9-10 from which corner, I run

S 89° 11' W. on a true line between sections 4-9,

Variation

11° 18'

East

39.58

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., C. and W. of

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

from which

A Fir 10 ins. diam. bears N. 6°, 20 lks. dist.

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

No other trees within limits.

79.75

The corner to sections 4-5-8-9.

Land mountainous

Soil 1" & 2" rate

Timber of Pine, Fir, Oak & Aspen.

Vegetation, Grass.

Township 5 N., Range 28 E.

Gila and Salt River Meridian.

Chains

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

Variation 14° 18' East.

Over rolling land.

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

St. 12 Intersect N. B. of Tp. 9 lks. 6 of cor. to secs. 6 previously set by me.

41-5-32-33 from which corner, I ran

S. 11' 6, on a true line, between sections 11 & 5.

Variation 11° 21' East.

40.12 Set a Sand stone 20 x 10 x 6 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.

St. 12 The corner to sections 4-5-5-9.

Land rolling.

Soil 1" 9 2" rate

Timber of Pine, Fir, Oak & Aspen.

Vegetation; Grass.

Township T. N., Range 28 E.

Gila and Salt River Meridian.

Chains

*Standard*From the Corner to Sections ~~5-6~~, 31 & 32 on the South boundary
previously set by me.
I run

North, between Sections 31 and 32.

Variation 14° 18' East.*Over rolling land.*

40.00 Set a *Sand* stone 20 x 16 x 12 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.

47.00 Top of Ridge, bears *N. W. 9 S. E.* and descend.

80.00 Set a *Sand* stone 18 x 14 x 10 ins. 12 ins. in the ground for Cor. to Secs. 29-30-31-32 marked with / notch on S. and 3 notches on E. edge and raised a mound of stone alongside. Pits impracticable.

from which

A Pine 20 ins. diam. bears *N. 42° W.*, 15 lbs. dist. marked T. 571, R. 28 E. S., 30 B. T.

*No other trees within limits.**Land mountainous.*Soil 2" 03" rateTimber of *Pine, Fir & Hemlock.*Vegetation, *Grass.*

Township

5 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

11° 18'

East.

Over rolling land.

16.00

Descend. abruptly.

19.00

Cross Black River, 20 lks. wide, runs S. & N.

40.00

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

79.94

Intersect N. & S. line, 18 lks. S. of cor. to secs.

28 29 32-33 from which corner, I run

S. 84° 52' W. on a true line between sections 29-32.

Variation

11° 18'

East

39.47

Set a Sand stone 16 x 10 x 6 ins., 11
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ on N.

face, and raised a mound of stone alongside.

Pits

is impracticable.

79.94

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

Land rolling.

Soil 2" 73" rate

Vegetation, Grass.

Township

5 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

Over mountainous land

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

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

50.15 Intersect N. B. of Tp. 43 lks. S. of cor. to secs.

25-30-31-32 previously set by me.
from which corner, I run

S. 89° 42' E. on a true line, between sections 30-31.

Variation 14° 18' East.

40.15 Set a Sand stone 10 x 10 x 8 ins.

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.

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

Land mountainous

Soil 2" rate

Vegetation, Grass.

Township 5 N, Range 28 E,

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation 14' 18" East.

Over rolling land.

28.00

Cross Black River, 8 ft wide, runs S. E. across

40.00

Set a Sand stone 16 x 10 x 8 ins., 11

ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N

face, and raised a mound of stone alongside. Pits

impracticable.

80.00

Set a Sand stone 20 x 10 x 10 ins. 15 ins. in

the ground for Cor. to Secs. 14-20-29-30 marked

with 2 notches on S. and 1 notch on E. edge and

raised a mound of stone alongside. Pits impracticable.

A Pine 10 ins, diam. bears N. 5° E, 25 lks. dist. from which

marked T. 577, R. 28 E, S., 20 B. T.

A Pine 30 ins, diam. bears S. 15° E, 60 lks. dist.

marked T. 577, R. 28 E, S., 29 B. T.

A Pine 20 ins, diam. bears S. 20° W, 40 lks. dist.

marked T. 577, R. 28 E, S., 30 B. T.

No other trees within limits.

Land rolling.

Soil 2" & 3" rate

Timber of Pine, Fir & Hemlock.

Vegetation, Grass.

I carefully examined the adjustments of my solar

compass to-day, particularly the latitude and revers-
ing apparatus, and found them correct. Aug. 15, 1883.

J

Township

5 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 18'

East.

Ascend.

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

47.00 Top of Ridge, bears N. 9 S. and descend.

67.70 Cross Ravine, Course S. E. and ascend

78.00 Top of Ridge, bears N. 9 S. and descend.

S.C. 414 Intersect N. & S. line, 40 lks. N. of cor. to secs.

* 20-21-28-29 from which corner, I run

N. 89° 43' W. on a true line between sections 20-29,

Variation 14° 18' East

40.22 Set a Basalt stone 15 x 10 x 6 ins.,

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 15 ins. diam. bears S. E., 20 lks. dist.

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

No other trees within limits.

S.C. 414 The corner to sections 19-20-29-30.

Land mountainous

Soil 2" & 3" rate

Timber of Pine, Fir, Aspen, Oak & Hemlock.

Vegetation, Grass.

Township 5 N. Range 28 E.Gila and Salt River Meridian.

Chains

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

Variation

114°18'

East.

23.00 Over mountainous land,
cross Black River, course S. E.

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

79.73

Intersect N. B. of Tp. 10 lks. S. of cor. to secs.
previously set by me.
19-24-25-30 from which corner, I run

S. 89°53' E, on a true line, between sections 19-30,

Variation 114°18' East.

39.73

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

79.73

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

Land mountainous

Soil 2" 8 3" rate

Timber of Pine, Fir & Hemlock.

Vegetation, Grass.

Township

5 N,

Range

28 E;

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation

14° 18'

East.

Ascend.

40.00 Set a Sand stone 20 x 10 x 8 ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N, face, and raised a mound of stone alongside. Pits impracticable.

80.00

Set a Sand stone 20 x 12 x 10 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.

from which

A Pine 20 ins. diam. bears N. 30 E., 65 lks. dist. marked T. 5 N., R. 28 E., S., 17 B. T.

No other trees within limits.

Land mountainous

Soil 2" & 3" rate

Timber of

Pine, Fir, Aspen, Oak & Hemlock.

Vegetation, Grass.

Township 5 N, Range 28 E,

Gila and Salt River Meridian.

Chains

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

Variation 14° 18' East.

Ascend.

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

40.00 Set temporary 1/4 Sec. Cor.

50.00 Descend gradually,

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

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

N. 84° 56' W. on a true line between sections 17-20,

Variation 111° 18' East

40.05 A Pine 24 ins, diam. which I marked 1/4 S.

on N face, for 1/4 sec. cor., dug pits, 18 x 18 x 12 ins.

E and W of tree, 5 1/2 ft. dist. and raised a mound

of earth around tree.

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

Land mountainous

Soil 1" & 2" rate

Timber of Pine, Fir, Oak, Aspen & Hemlock,

Vegetation, Grass.

Chains

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

Variation

14° 18'

East.

28.10 Over mountainous land
Cross Black River, course S. 20° W.

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

79.41 Intersect N. B. of Tp. 32 lks. N. of cor. to secs.
13-18-19-20 previously set by me
from which corner, I run

77.84 1/6 E. on a true line, between sections 18-19
Variation 14° 18' East.

39.41 Set a Sand stone 20 x 12 x 6 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.

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

Land mountainous.

Soil 2" O 3" rate

Vegetation, Grass.

Township 5 N, Range 28 E, Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 14° 18' East.

Over mountainous land

40.00

Set a Sand stone 10 x 10 x 6 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.

70.00

Top of Ridge, bears E. 9 W, and descend.

80.00

Set a Sand stone 14 x 10 x 4 ins. 9 ins. in the ground for Cor. to Secs. 7-8-17-18 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 15 ins diam. bears N. 60° W, 29 lks. dist. marked T 5 N, R 28 E, S, 18. B. T.

No other trees within limits.

Land mountainous

Soil 1", 2" & 3" rate

Timber of Spruce, Fir, Oak and Aspen.

Vegetation, Grass.

Township

5 N,

Range

28 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}18'$

East.

Ascend.

S. 00 Cross Ravine, Course South and ascend

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

46.00 Cross Brook. 11 lks. wide, Course S. E.

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

S-9-16-17 from which corner, I run

S. $89^{\circ}53'$ W. on a true line between sections S-17,Variation $14^{\circ}18'$ East

89.97 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.A Yellow Pine 18 ins diam. bears N. 10° E, 47 lks. dist. from which
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

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

Land mountainous

Soil 1" & 2" rate

Timber of

Pine, Fir, Oak & Hemlock.

Vegetation, Grass.

Aug. 16, 1883.

Township

5 N

Range

28 E

BOOK

58

Gila and Salt River

Meridian.

30

Chains

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

Variation

111° 18'

East.

Ascend.

10.00

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

35.00

Cross Black River, in rocky Canon, runs S. 30° E.

40.00

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

60.00

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

73.00

Cross Canon, lks. wide. Course S. 70° E. and ascend

79.64

Intersect N. B. of Tp. S. lks. 7. of cor. to secs.

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

N. 89° 57' E on a true line, between sections 7-18,

Variation

111° 18'

East.

39.64

Set a Sand stone 16 x 12 x 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.

79.64

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

Land mountainous

Soil 1" & 2" rate

Timber of

Pine, Fir, Oak & Hemlock,

Vegetation,

Grass.

Township 5N, Range 28E,Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 18'

East.

Ascend.

140.00

Set a *Sand* stone $12 \times 12 \times 8$ ins. $\frac{1}{2}$ 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

A Fir 10 ins. diam. which I marked T57 S. 5, on N. E. R. 28E S. 8 on S. E. S. 7, on S. W. and S. 6 on N. W. faces, with 5 notches on S and 5 notches on E. edges, $18 \times 18 \times 18$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth around tree, for cor. to secs.

5-6-7-8,

from which

A Fir 12 ins. diam. bears N30°W, 25 lks. dist: marked T57, R28E, S. 6 B. T.

No other trees within limits.

Land mountainous

Soil 1" & 2" rate

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

Township 5 N. Range 28 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 5 and 8.
Variation 111° 18' East.

Descend.

2.20 Cross Creek 7 lks. wide, Course S. 6° E. and ascend.

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

115.00 Top of Ridge, bears N. 7° S. and descend.

51.00 Cross Wash, 20 lks. wide, Course S. 11° W. and ascend.

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

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

N. 89° 51' W. on a true line between sections 5 - 8,

Variation 111° 18' East

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

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

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

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

high, $3\frac{1}{2}$ ft. base around post. from which

A Fir 8 ins. diam. bears S. 30° W., 40 lks. dist:

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

No other trees within limits.

50.26 The corner to sections 5-6-7-8,

Land mountainous

Soil 1" 2" rate

Timber of Pine, Fir, Aspen, Oak & Hemlock

Vegetation, Grass.

Township

5 N. Range

28 E.

Meridian.

Chains

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

Variation

14° 18'

East.

Descend.

.50 Cross Creek 4 lks. wide, Course N.E. and ascend.

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

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

74.30 Intersect N.E. of Tp. 15 lks. S. of cor. to secs.
previous by me.

16-7-12 from which corner, I run

S. 89° 54' E on a true line, between sections 6-7.

Variation 14° 18' East.

34.30 Set a Sand stone 20 x 18 x 12 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
unpracticable.

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

Land mountainous

Soil 1" & 2" rate

Timber of Pine, Spruce & Ashpen.

Vegetation, Grass.

Township

5 N.

Range

28 E.

Gila and Salt River Meridian.

BOOK

60

30

Chains

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

Variation

114° 18'

East.

Descend.

.20 Cross Creek 6 hrs. with Course S.E.

1.80 Cross low Sag and ascend.

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

S.C. 34 Intersect N.B. of Tp. 57 hrs. West of cor. to secs.

5-6-31-32 previously set by me.
from which corner, I run

S. 22' W., on a true line, between sections 5-6.

Variation 114° 21' East.

110.34 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. W. 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.

S.C. 34 The corner to sections 5-6-7-8.

Land rolling.

Soil 1" 9 2" rate

Timber of

Vegetation,

Pine, Fir and Aspen,
Grass.

Aug. 17, 1883.

GENERAL DESCRIPTION.

This Township is a superior body of high rolling and mountainous land interspersed with fine valleys and prairies.

The soil varies from 1st to 3rd rate a considerable portion being well adapted to agricultural purposes.

There is an immense growth of Pine, suitable for lumber, also Fir, Aspen and Hemlock.

Its water supply comprises the finest springs and creeks in which trout and other excellent fish abound.

Its grazing facilities are extensive and most excellent.

For final notes
see Book No. 18

U. S. Surveyor-General's Office.

Tucson, Arizona.

June 16, 1884.

The foregoing Field Notes of the surveys of
Subdivision Lines of
Township 5 North,
Range 28 East
Gila and Salt River Meridian

executed by *W. V. Fitzgerald*
U. S. Deputy Surveyor, under his contract dated
July 22, 1882,

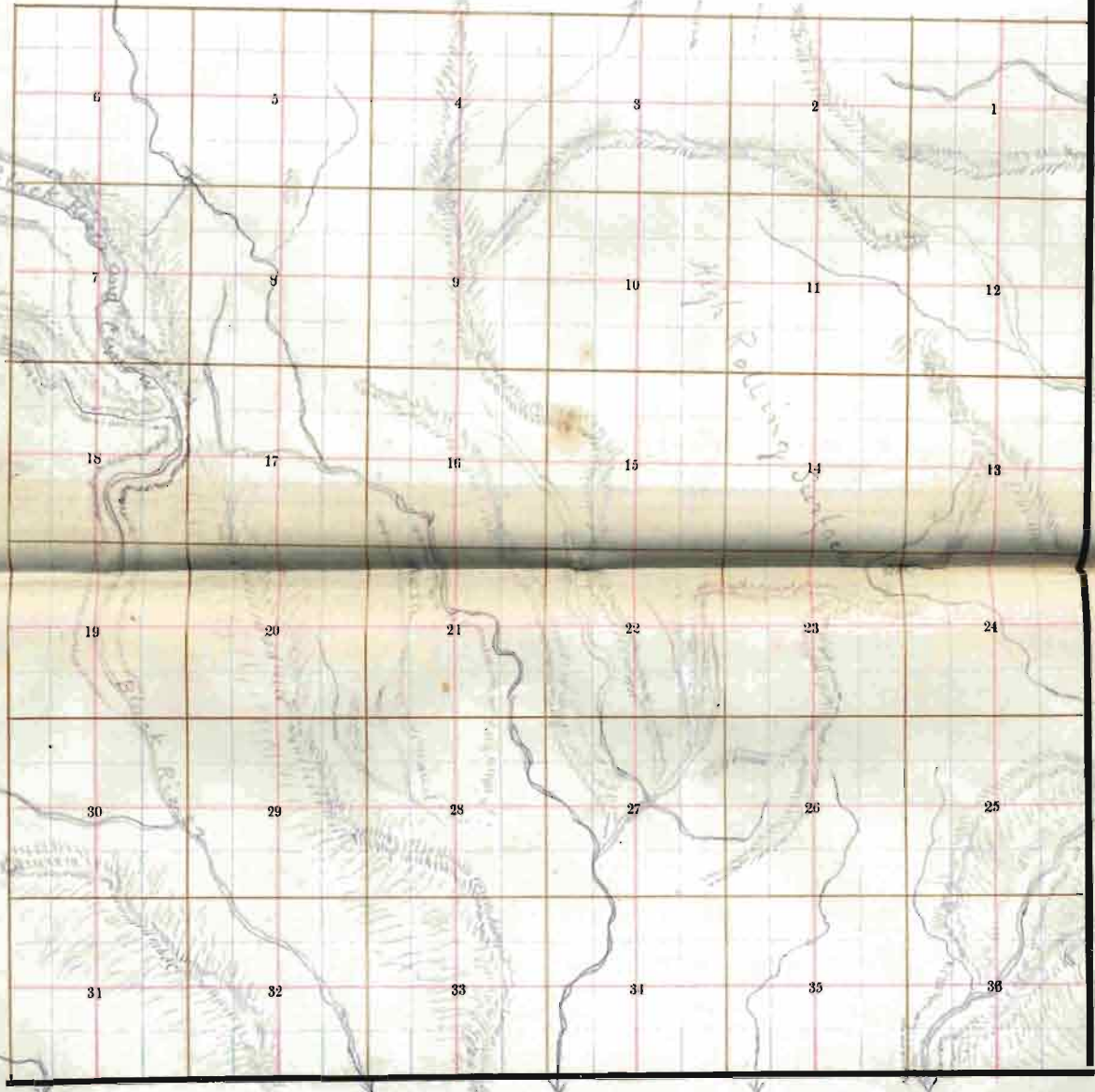
having been critically examined, the necessary
corrections and explanations made, the said Field
Notes and the surveys they describe are hereby
approved.

Raphael Johnson

U. S. Surveyor-General

For Arizona.

Township No. 5 N. Range No. 28 E. Gila and Salt River Meridian



TOWNSHIP PLOT.

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