

Indexed
T.

Book No. 4

Deputy Surveyor.

R.

Meridian.

BOOK 447

FIELD NOTES

OF

No. 447

THE SUBDIVISION LINES OF

Township *22 North* Range *27 East*

Gila and Salt River Meridian

BY

Deputy Surveyor.

Under his Contract of *July 21* 18 *82*

Survey Commenced *Jan 9* 18 *83*

Survey Completed *Jan 15* 18 *83*

447

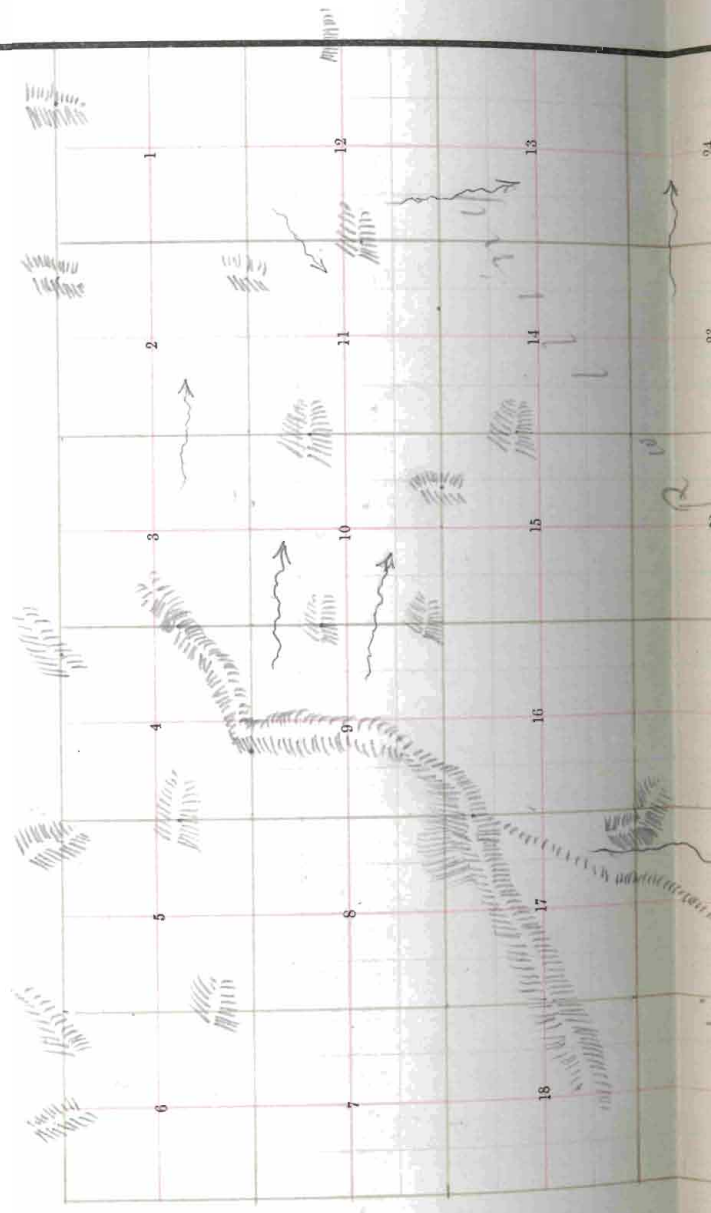
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Township No. 22N Range No. 27E 4th Meridian.

BOOK 447





BOOK 447

TOWNSHIP PLOT

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

No. 447

BOOK 447

1A

Frank Tollman Deputy Surveyor.

T. 22 North R. 27 East

Gila and Salt River Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 22 N Range 27 E

Gila and Salt River Meridian.

BY

Frank Tollman Deputy Surveyor.

Under his Contract of July 31st 1882

Survey Commenced Jan. 9th 1883

Survey Completed Jan. 15th 1883

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1B

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Township *22 North*, Range *27 East*,

Gila, and Salt River Base, and Meridian.

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

Gila and Salt River Meridian.

For Preliminary
Data and description
of instrument see
Book No. 1

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

BOOK 447

Township

22

Range

27

E.

(See previous page.)

Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 ^{previously set by me.} on the South boundary, I run North. between Sections 35 and 36.

Variation

14° 29'

East.

Over rolling land.

40.00

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

from which

A Juniper 8 ins. diam. bears N. 10° W. 63 lks. 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, 26- 26- 30- 30 marked T, 22 N-S, 26- , on N, E, R, 27 E, S. 30 on S, E, S, 30- on S, W, and S, 26 on N, W, face, with / notch on S, and / notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil

3rd

rate

Timber of

Juniper

Vegetation.

Grass & Sage.

Township

22 N

Range

27 E

No. 447

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

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

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

80.72 Intersect E. B. of Tp. 8 lks. N. of cor. to secs.
previously set by me.

20. 30. 31. 36 from which corner, I run

N. 89° 47' W. on a true line, between sections 25 & 36

Variation

14° 32'

East.

42.00 Set a Sand stone 10 x 8 x 8 ins., 6 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
dug pits 18 x 18 x 12 ins., E. and W. of stone $5\frac{1}{2}$
ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base alongside.

80.12 The corner to sections 20. 26. 30. 36

Land rolling.

Soil 2nd rate

Vegetation Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains North, between Sections 25 and 26. Variation 14° 32' East.

Over rolling land.

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

80.00 Set a sand stone 18 x 18 x 9 ins. 12 ins. in the ground for Cor. to Secs. 23, 24, 26, 26 marked with notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

Land rolling.

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

9.00 Top of Hill bears N. 2° S. and descend.

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

80.39 Intersect C.B. of Tp. 26 lks. N. of cor. to secs.

previously set by me.
A. 24. 25. 80 from which corner, I run

N. 89° 49' W. on a true line, between sections 24 & 25

Variation

14° 32'

East.

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

from which

A Juniper 7 ins. diam. bears N. 61° E. 83 lks. dist.
marked $\frac{1}{2}$ S. B. T.A Juniper 9 ins. diam. bears S. 23° W. 42 lks. dist.
marked $\frac{1}{2}$ S. B. T.

80.39 The corner to sections 23. 24. 25. 26

Land hilly.

Soil 8th rate

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 32'

East.

Over rolling land.

40.00

Set a sand stone $17 \times 8 \times 6$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ins., N. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, alongside.

63.00

Cross Gulch, 26 lks. wide, Course E, and ascend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13. 14. 23. 24 marked T. 22 N. S. 18 on N. E., R. 27 E, S. 24 on S. E. S. 23 on S. W and S. 14 on N. W. face, with 3 notches on S. and 1 notch on E. edges; dug pits, $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township 22 N

Range 27 E

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 18 and 24.

Variation

14° 32'

East.

Over rolling land.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.70.97 Intersect $\frac{1}{4}$ C.B. of Tp. 11 lks. N. of cor. to secs.
previously set by me.

13. 18. 19. 24 from which corner, I run

N. 29° 56' W. on a true line, between sections 18 & 24

Variation

14° 32'

East.

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

from which

21 Juniper 7 ins. diam. bears N. 29° W. 80 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.97 The corner to sections 13. 14. 23. 24

Land rolling.

Soil 8²⁰ rate

Timber of Juniper

Vegetation.

Grass & Sage

Township 22 N

Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation 14° 32' East.

Over rolling land.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 11, 12, 13, 14 marked T, 22 N, S, 12, on N, E, R, 27 E, S, 13 on S, E, S, 14 on S, W, and S, 11 on N, W, face, with 4 notches on S, and 1 notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., 5 1/2 ft, dist., and raised a mound of earth 2 ft, high, 4 1/2 ft, base around post.

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township 32 N

Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

17.80 Cross Gulch, 60 lks. wide, Course S. and ascend.

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

79.63 Intersect E. B. of Tp. 43 lks. S. of cor. to secs.

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

previously set by me.

previously set by me.

S. 89° 42' W on a true line, between sections 12 & 13

Variation

14° 32'

East.

39.92

Set a Sand stone 8 x 8 x 8 ins., 6 ins.
 in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
 dug pits 18 x 18 x 12 ins., E. and W. of stone 5 $\frac{1}{2}$
 ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$
 ft. base alongside.

79.63

The corner to sections 11. 12. 13. 14

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains North, between Sections 11 and 12. Variation 4° 22' East.

Over rolling land.

36.00 Top of Hill bears E 6 W and descend

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

A Juniper 7 ins. diam. bears N 29° W 90 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 6 ins. diam. bears S 60° E 80 lks. dist. marked $\frac{1}{4}$ S. B. T.

50.90 Cross Gulch, 50 lks. wide, Course S. W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 1, 2, 11, 12 marked T, 22 N. S, 1, on N, E, R, 27 E. S. 12 on S, E, S, 11 on S, W, and S, 2 on N, W, face, with 2 notches on S, and 1 notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base ground post. from which

A Juniper 12 ins. diam. bears N. 20° W 80 lks. dist. marked T. 22 N. R. 26 E. S., 2 B. T.

A Juniper 9 ins. diam. bears N. 65° E 73 lks. dist. marked T. 22 N. R. 26 E. S., 1 B. T.

A Juniper 7 ins. diam. bears S. 73° W 109 lks. dist. marked T. 22 N. R. 26 E. S., 11 B. T.

No other trees within limits.
Land mountainous

Soil 3rd rate

Timber of Juniper.

Vegetation Grass & Sage.

Township 22 N

Range 27 E

Gila and Salt River Meridian,

Chains

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

Variation

14° 32'

East,

Over rolling land.

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

79.78 Intersect C. B. of T_p. 34 lks. S. of cor. to secs. previously set by me.

1.6. 7. 12 ^ from which corner, I run

S. 89. 45 W. on a true line, between sections 1 & 12

Variation

14° 32'

East.

39.89 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.

from which

A Juniper 8 ins. diam. bears N. 28° W. 63 lks. dist.

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

A Juniper 7 ins. diam. bears S. 68° E. 79 lks. dist.

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

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

Township 22 Range 24

Gila and Salt River Meridian.

Chains North, on a random line between Sections 1 and 2.
Variation $14^{\circ} 32'$ East.

Ascend.

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

80.34 Intersect N. B. of Tp. 12 lks. W. of cor. to secs. previously set by me. from which corner, I run S. 6' W. on a true line, between sections 1 & 2

Variation $14^{\circ} 32'$ East.

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

from which

A Juniper 7 ins. diam. bears N. 20° W. 63 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

80.34 The corner to sections 1, 2, 11, 12

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

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

Jan. 9. 1883

Township 22 N Range 34 E

Gila and Salt River Meridian.

From the corner to sections, 2, 3, 27 & 35 previously set by me.

Chains Iron North, between Sections 34 and 35.

Variation 14° 29' East.

Over rolling land.

17.00 Scarc timber bears E. & W.

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

56.00 Scarc timber bears E. & W.

73.00 Scarc timber bears E. & W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 26, 27, 34, 35 marked T, 22 N.S, 26, on N, E, R, 27 E, S, 35 on S, E, S, 34 on S, W, and S, 27 on N, W, face, with 1 notch 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 2 ft, high, 4 1/2 ft, base around post.

Land rolling.

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

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

68.00 Corner timber bears N. & S.

79.64 Intersect N. & S. line, 26 lks. N. of cor. to secs.

26, 26, 36, 36 from which corner, I run

N. 89° 49' W. on a true line between sections 26 & 36

Variation

14° 32'

East

39.82 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. onN. face, dug pits, 18 x 18 x 12 ins., E. and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.high, $3\frac{1}{2}$ ft. base around post.

79.64 The corner to sections 26, 27, 34, 36

*Land rolling.*Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation

14° 32'

East.

Over rolling land.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ 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.

47.00

Enter timber bears N. E. & S. W.

60.00

Leave " " E. & W.

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, 22 NS, 23, on N, E, R, 27 E., S. 26 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, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 32' East.*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.38 Intersect N. & S. line, 13 lks. S. of cor. to secs.

23. 24. 26. 26 from which corner, I run

S. 29° 04' W. on a true line between sections 23 & 26

Variation 14° 32' East

82.69 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, $3\frac{1}{4}$ ft. base around post.*

79.38 The corner to sections 22. 23. 26. 27

*Land rolling.*Soil 3° ratsVegetation Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains North, between Sections 22 and 23. Variation 14° 32' East.

Over rolling land.

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

50.00 Enter timber here E. & W.

67.00 Leave " " " "

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 14, 15, 22, 23 marked T, 22 N, S, 14, on N, E, R, 24 E, S, 23 on S, E, S, 22 on S, W, and S, 15 on N, W, face, with 3 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 2 ft, high, 4 1/2 ft, base around post.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

40.00 Set temporary 1/2 Sec. Cor.

79.26 Intersect N. & S. line, 50 lks. S. of cor. to secs.

3, 14, 23, 24 from which corner, I run

S. 89° 36' W. on a true line between sections 14 & 23

Variation

14° 32'

East

39.93

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

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

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

post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.

high, 3 1/2 ft. base around post.

from which

A Juniper 8 ins. diam. bears N. 23° E. 78 lks. dist.

marked 1/2 S. B. T.

No other trees within limits.

79.86

The Cor. to Secs 14-15-22+23
Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

Township

Range

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

11° 32'

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

48.00

Top of Hill 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. 10, 11, 14, 15
marked T, 22 N. S. 11, on N. E. R. 27 E. S. 14
on S, E, S, 10 on S, W, and S, 10 on N, W, face,
with 4 notches on S, and 2 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township

22

N

BOOK 447

Range

27

E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East

*Over rolling land.*40.00 *Set temporary $\frac{1}{4}$ Sec. Cor.*80.16 *Intersect N. & S. line, 12 lks. S, of cor. to secs.**11, 12, 13, 14 from which corner, I run**S 89° 05' W. on a true line between sections 11 & 14*

Variation

14° 32'

East

42.00 *Set a post 3 ft. long, 3 ins. diam. with marked stone**12 i. s. i 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.**from which**A Juniper 8 ins. diam. bears N. 29 $\frac{1}{2}$ ° E. 39 lks. dist marked $\frac{1}{4}$ S. B. T.**No other trees within limits.*82.16 *The corner to sections 10, 11, 14, 10**Land rolling.**Soil 3rd rate**Timber of Juniper.**Vegetation. Grass & Sage.*

Township

22

N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

14° 32'

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

59.00 Top of Hill bears $E. \text{ } 2 \text{ } W.$ and descend.

30.00 Set a post 4 ft. long, 4 ins. square, 10 ins. in the ground,
for Cor. to Secs. 2, 3, 10, 11 marked T. 22 N.
S. 2 on N. E., R. 27 E., S. 11 on S. E., S. 10 on
S. W, and S. 3 on N. W. faces, with 8 notches on
S. and 2 notches on E. edges, from which

A Juniper 7 ins. diam. bears $N. 63 \text{ } W.$ 72 lks. dist.
marked T. 22 N. R. 26 E. S., 3 B. T.

A Juniper 5 ins. diam. bears $N. 58 \text{ } E.$ 42 lks. dist.
marked T. 22 N. R. 26 E. S., 2 B. T.

A Juniper 9 ins. diam. bears $S. 27 \text{ } W.$ 63 lks. dist.
marked T. 22 N. R. 26 E. S., 10 B. T.

A Juniper 11 ins. diam. bears $S. 42 \text{ } E.$ 70 lks. dist.
marked T. 22 N. R. 26 E. S., 11 B. T.

Land rolling.

Soil 3^o rate

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

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

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

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

12-11-12 from which corner, I run

N. 19° 50' W. on a true line between sections 2 & 11

Variation

14° 32'

East

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

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

79.94 The corner to sections 2, 3, 10, 11

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

Township 22 N

Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 32' East.

Ascend.

27.00 Cross Gulch, 20 lks. wide, Course E. and ascend.

40.00 Set temporary 1/4 Sec. Cor.

20.17 Intersect N.B. of Tp. 25 lks. E. of cor. to secs. previously set by me.

2. 3. 34. 35 from which corner, I run

S. 11. E. on a true line, between sections 2 & 3

Variation 14° 32' East.

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

A Juniper 12 ins. diam. bears N. 70° E. 80 lks. dist. marked 1/4 S. B. T.

A Juniper 7 ins. diam. bears S. 65° W. 42 lks. dist. marked 1/4 S. B. T.

20.17 The corner to sections 2, 3, 10, 11

Land rolling.

Soil 3:0 rate

Timber of Juniper.

Vegetation. Grass & Sage.

Jan. 10. 1883

Township 22 N Range 27 E

on S. Byrd 2d.
Gila and Salt River Meridian.

From the corner to sections, 3, 4, 33, 34, previously set by me.

Chains Iron North, between Sections 33 and 34.

Variation 14° 29' East.

Ascend.

35.00 Cross low Sag ~~and ascend.~~ *Corner* S. 10° E. *ascend.*

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

A Juniper 8 ins. diam. bears N. 10° W. 41 lks. dist. marked 1/4 S. B. T.

A Juniper 11 ins. diam. bears S. 29° E. 63 lks. dist. marked 1/4 S. B. T.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 27, 28, 33, 34 marked T, 22 N. S., 27, on N. E. R., 27 E., S. 34 on S, E, S, 33 on S, W, and S, 28 on N, W, face, with 1 notch on S, and 3 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

A Juniper 8 ins. diam. bears N. 23° W. 82 lks. dist. marked T. 22 N. R. 26 E. S., 28 B. T.

A Juniper 7 ins. diam. bears S. 29° E. 129 lks. dist. marked T. 22 N. R. 26 E. S., 34 B. T.

No other trees within limits.

Land rolling.

Soil 3' rate

Timber of *Juniper.*

Vegetation. *Grass & Sage.*

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

30.00 Leave timber bearing N. & S.

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

79.87 Intersect N. & S. line. 31 lks. S. of cor. to secs.

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

89° 47' W. on a true line between sections 27 & 34

Variation

14° 32'

East

39.93 Set a post 3 ft. long, 3 ins. diam. with an arched stone

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

79.87 The corner to sections 27. 28. 33. 34

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

Township

22 N.

BOOK 447
Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation

14° 32'

East.

Ascend.

14.00
40.00

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

16.50

Enter timber bears E. & W.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 21, 22, 27, 28
marked T, 22 N. S, 22, on N, E, R, 27 E, S, 27
on S, E, S, 28 on S, W, and S, 21 on N, W, face,
with 2 notches on S, and 3 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

from which

A Juniper 8 ins. diam. bears N. $12\frac{1}{2}$ E. 43 lks. dist.
marked T. 22 N. R. 36 E. S., 22 B. T.

A Juniper 11 ins. diam. bears N. 29 W. 24 lks. dist.
marked T. 22 N. R. 26 E. S., 21 B. T.

A Juniper 7 ins. diam. bears S. $2\frac{1}{2}$ E. 47 lks. dist.
marked T. 22 N. R. 26 E. S., 27 B. T.

No other trees within limits.

Lana rolling.

Soil 3^d

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

7.00

Leave timber beam *N. & S.*

40.00

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

79.70

Intersect N. & S. line, 50 lks. S. of cor. to secs.

22.20. 20.27 from which corner, I run

S. 29° 39' W. on a true line between sections

22 & 27

Variation

14° 32'

East

32.57

Set a sand stone $4 \times 12 \times 6$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dug pits $18 \times 18 \times 12$ ins., E and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

78.70

The corner to sections 21. 22. 27. 24

Land rolling.

Soil 3^{rd} rateTimber of *Juniper*Vegetation. *Grass & Sage.*

Township 22 N 23rd Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation 14° 32' East.*Over rolling land.*20.00 *Leave timber line C. & W.*

40.00 *Set a post 3 ft. long, 3 ins. diam. with marked stone*
 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ 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.

80.00 *Set a post 4 ft. long, 4 ins. square, with marked stone*
 12 ins. in the ground, for Cor. to Secs, 10 10 21 22
 marked T, 22 N. S., 15, on N, E, R, 27 C., S. 2'
 on S, E, S, 21 on S, W, and S, 14 on N, W, face,
 with 3 notches on S, and 3 notches on E, edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.,
 and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
 around post.

*Land rolling.*Soil 3' rateTimber of *juniper*Vegetation. *Grass & Sage*

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 15 and 23.
	Variation $14^{\circ} 32'$ East.
	Over rolling land.
40.00	Set temporary $\frac{1}{2}$ Sec. Cor.
80.14	Intersect N. & S. line, 15 lks. S. of cor. to secs. 14. 15. 22. 23 from which corner, I run $89^{\circ} 58'$ W. on a true line between sections 15 & 22
	Variation $14^{\circ} 32'$ East
40.07	Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
80.14	The corner to sections 15. 16. 21. 22
	Land rolling.
	Soil (3 rd) rate
	Vegetation Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 32'

East.

Ascend.

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

30.00

Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs. 9, 10, 15, 16
marked T, 22 N, S, 10, on N, E, R, 27 E., S. 16
on S, E, S, 16 on S, W, and S, 9 on N, W, face,
with 4 notches on S, and 3 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

A Juniper 15 ins. diam. bears N 80° E. 62 lks. dist.
marked T, 22 N, R. 27 E., S., 10 B. T.

A Juniper 9 ins. diam. bears S. 40° W. 40 lks. dist.
marked T, 22 N, R. 27 E., S., 16 B. T.

No other trees within limits.

Land rolling.

Soil 3rd rate

Timber of Juniper

Vegetation.

Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 32' East.

Over rolling land.

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

69.40 Top of Hill bears N. 2 S. and descend.

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

10.11. 14. 15 from which corner, I run

N. 29. 00' W. on a true line between sections 10 & 15

Variation 14° 32' East

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.

8008 The corner to sections 9. 10. 15 - 16

Land rolling.

Soil st rate

Timber of Juniper

Vegetation. Grass & Sage

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation 14° 32' East.

Ascend.

44.00 Top of Hill bears E. e. W. and descend.
 31.00 Cross Gulch, 50 lks. wide, Course E. and ascend.
 40.00 Set a post 3 ft. long, 3 ins. diam. with marked line
 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on
 N. face, dug pits, 18 x 18 x 12 ins., N, and S. of
 post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.
 high, 3 1/2 ft. base around post. from which
 A Juniper 7 ins. diam. bears N. 21° W. 52 lks. dist.
 marked 1/4 S. B. T.

No other trees within limits.

63.00 Top of Hill bears E. e. W. and descend.

71.00 Cross Gulch, 50 lks. wide, Course E. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked line
 12 ins. in the ground, for Cor. to Secs, 3, 4, 9, 10
 marked T, 22 N, S, 3, on N, E, R, 27 E, S, 10
 on S, E, S, 9 on S, W, and S, 4 on N, W, face,
 with 5 notches on S, and 3 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

A Juniper 7 ins. diam. bears N. 23° W. 43 lks. dist.

marked T, 22 N. R. 27 E. S, 4 B. T.

A Juniper 9 ins. diam. bears S. 65° W. 243 lks. dist.

marked T, 22 N. R. 27 E. S, 9 B. T.

No other trees within limits.

Land rolling.

rate
 Timber of Juniper
 Vegetation. Grass & Sage
 Soil

Township 22

Range 27

8

Gila and Salt River Meridian.

Chains

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

Variation $11^{\circ} 32'$ East.

Descend.

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

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

2, 3, 10, 11 ~~from which corner, I run~~

N. $89^{\circ} 03'$ W. on a true line between sections 3 & 10

Variation $11^{\circ} 32'$ East

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

79.87 The corner to sections 3, 4, 9, 10

Lana rolling.

Soil 3^{rd} rate

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Ascend.

28.00

Divide between Le Croix and Rio
Puerco Rivers bears N. E. & S. W.

40.00

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

79.91

Intersect N. B. of Tp. 21 lks. W. of cor. to secs.
previously set by me,
S. 4. 33. 34 from which corner, I run

S. 9. W on a true line, between sections 3 & 11

Variation

14° 32'

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 $\frac{1}{2}$ 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.

79.91

The corner to sections 3, 4, 9, 10

Land rolling.

Soil 3^d rate

Timber of Juniper.

Vegetation. Grass & Sage.

Jan. 11, 1883

Township

22

Range

8

Gila and Salt River Meridian.

From the corner to sections, 4, 5, 32, 33 previously set by me.

Chains from North, between Sections 32 and 33.

Variation

11° 29'

East.

Over rolling land.

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

66.00

Leave timber bears E. & W.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 28, 29, 32, 33
marked T, 22 N. S, 28, on N, E, R, 29 E. S. 33
on S, E, S, 32 on S, W, and S, 29 on N, W, face,
with 1 notch on S, and 4 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation. Grass & Sage.

Township

22 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

17.00

Leave timber bears N. & S.

33.00

Enter " " N. E. & S. W.

40.00

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

70.00

Enter timber bears N. & S.

80.03

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

27.28.33.34 from which corner, I run

N. 89° 04' W. on a true line between sections 28 & 33

Variation

14° 32'

East

40.01

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

12 ins. in the ground, for $\frac{1}{2}$ 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.

80.03

The corner to sections 28, 29, 32, 33

Land rolling.

Soil 3rd rate

Timber of juniper

Vegetation. Grass & Sage.

Township 22 N. Range 27 E.

Gila and Salt River Meridian.

Chains North, between Sections 28 and 29.

Variation 11° 32' East.

Over rolling land.

00.00 *Conifer timber bears N. 81° E. S. W.*

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

A Juniper 8 ins. diam. bears N. 24° E. 60 lks. dist. marked $\frac{1}{2}$ S. B. T.

A Juniper 7 ins. diam. bears S. 20° W. 72 lks. dist. marked $\frac{1}{2}$ S. B. T.

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

80.00 Set a post 4 ft. long, 4 ins. square. with marked plane 12 ins. in the ground, for Cor. to Secs. 20, 21, 28, 29 marked T, 22 N. S., 21, on N, E, R, 27 E, S., 28 on S, E, S., 29 on S, W, and S, 20 on N, W, face, with 2 notch on S, and 4 notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

A Juniper 12 ins. diam. bears N. 20° E. 83 lks. dist. marked T. 22 N. R. 26 E. S., 21 B. T.

A Juniper 14 ins. diam. bears N. 65° W. 119 lks. dist. marked T. 22 R. 26 E. S., 20 B. T.

A Juniper 14 ins. diam. bears S. 121° E. 82 lks. dist. marked T. 22 N. R. 26 E. S., 28 B. T.

No other trees within limits.

Land rolling.

rate
Soil
Timber of
Vegetation
Crops & Sage

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Ascend.

30.00 Top of Hill bears N. W. & S. E. Over rolling land.

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

48.60 Leave timber bears N. W. & S. E.

78.50 Corner " " N. & S.

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

21 22 27. 28 from which corner, I run

N. 89° 47' W. on a true line between sections 21 & 28

Variation

14° 32'

East

79.98 Set a post 3 ft. long, 3/4 in. diam. with marked ends 12 ins.

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

ft. base

around post

79.96 The corner to sections 20, 21, 25, 29

Land hilly.

Soil 5% rate

Vegetation Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation $14^{\circ} 32'$ East.*Ascend.*

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

A Juniper 8 ins. diam. bears N. 29° W. 78 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Juniper 12 ins. diam. bears S. 90° E. 1.10 lks. dist.
marked $\frac{1}{4}$ S. B. T.

78.00 Top of Hill bears N. W. & S. E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 16, 17, 20, 21
marked T, 22 N, S, 16, on N, E, R, 27 E, S, 21
on S, E, S, 20 on S, W, and S, 17 on N, W, face,
with 3 - notches on S, and 4 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

*Land rolling.*Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Descend.

28.00

Leave timber beam N. & S.

40.00

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

49.94

Intersect N. & S. line, 66 lks. N. of cor. to secs.

15, 16, 21, 22 from which corner, I run

N. 89° 32' W. on a true line between sections 16 & 21

Variation

14° 32'

East

32.97

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

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

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

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

79.94

The corner to sections 16, 17, 20, 21

Lana rolling.

Soil 3° rate

Timber of Juniper

Vegetation. Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

40° 32'

East.

Ascend.

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

A Juniper 7 ins. diam. bears N 20° W. 63 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Juniper 6 ins. diam. bears N 80° E. 42 lks. dist.
marked $\frac{1}{4}$ S. B. T.

Line between Rio Puerco and Le Cruz
Rivers bears S 60° W. & N 60° E. & discard.

30.00

Set a post 4 ft. long, 4 ins. square. with marked stone
12 ins. in the ground, for Cor. to Secs. 9, 16, 17
marked T, 22 N, S, 9, on N, E, R, 27 E, S, 16
on S, E, S, 17 on S, W, and S, 18 on N, W, face,
with 4 notches on S, and 4 notches on E, edges,
dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base
around post.

Lana rolling.

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 9 and 16. Variation 14° 32' East.

Ascend.

12.00 Divide between Rio Puerco and La Ochoa Rivers bears N 70° E. & S 70° W. & descend.

40.00 Set temporary 1/4 Sec. Cor.

79.81 Intersect N. & S. line, 1/4 lks. N of cor. to secs. 9, 10, 15, 16 from which corner, I run

N 29° 54' W. on a true line between sections 9 & 16

Variation 14° 32' East

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

79.81 The corner to sections 8, 9, 16, 17

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation $14^{\circ} 32'$ East.

Descend.

13.00

Foot of bluff bears 30° E. W. and enters rolling valley covered with scrub timber.

40.00

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 4, 5, 8, 9 marked T, 32 N, S, 4, on N, E, R, 27 E, S, 9 on S, E, S, 8 on S, W, and S, 5 on N, W, face, with 6 notches on S, and 4 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Timber of Juniper.

Township

22 N

BOOK 447

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

28.00

Foot of bluff bears N. & S.

37.50

Divide between Rio Puerco and Le Chaux
Riviere bears N. & S. and descends

40.00

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

80.24

Intersect N. & S. line, 26 lks. S, of cor. to secs.
3, 4, 9, 10 from which corner, I run

S. 89° 49' W. on a true line between sections 4 & 9

Variation

14° 32'

East

40.12

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.

80.24

The corner to sections 4, 6, 8, 9

Land rolling.

Soil

3rd

rate

Timber of

Juniper

Vegetation.

Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains North, on a random line between Sections 4 and 5.
 Variation $14^{\circ} 32'$ East.

Over rolling land.

27.00 Top of Hill bears C. on S. and descend.

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

39.27 Intersect N.B. of Tp. 56 lks. W. of cor. to secs.
 previously set by me
 4 5 32 33 from which corner, I run

S 24° W on a true line, between sections 4 and 5
 Variation $14^{\circ} 32'$ East.

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

38.87 The corner to sections 4 5 8 9

Lana rolling.

Soil 3rd rate

Timber of 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.

Jan. 12. 1853

Township

22 N.

Range

27 E.

Gila and Salt River Meridian.

~~From the corner to sections, 5, 6, 31, 32, previously set by me.~~Chains *Iron* North, between Sections 31 and 32.

Variation

12° 29'

East.

Ascend.

- 11.00 Top of Hill bears E. & W. and descend.
- 23.00 Cross Gulch, 24 lks. wide, Course E. and ascend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ 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.
- 54.00 Top of Hill bears E. & W. and descend.
- 68.00 Cross Gulch, 50 lks. wide, Course E. and ascend.
- 80.00 Set a sand stone 14 x 12 x 8 ins. 10 ins. in the ground for Cor. to Secs. 29, 30, 31, 32 marked with 1 notch on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.
- Land hilly.
- Soil 3rd rate
- Timber of Juniper
- Vegetation. Grass & Sage.

Township 22 N

Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 32' East.

Descend.

26.00 Cross Gulch, 26 lks. wide, Course S. and ascend.

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

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

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

25.29.32.32 from which corner, I run

S. 29° 51' W. on a true line between sections 29 & 32

Variation 14° 32' East

39.90 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 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.

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

Land hilly.

Soil 3rd rate

Vegetation Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 57' East.

Ascend.

35.00 Top of mesa land.

40.00 Set temporary 1/2 Sec. Cor.

48.67 Intersect W. B. of Tp. 11 lks. N. of cor. to secs. previously set by me. Sec. 30, 31, 30 from which corner, I run

N 89° 00' E on a true line, between sections 30 & 31

Variation 14° 26' East.

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

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

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation $14^{\circ} 32'$ East.

Ascend.

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

29.18 Cross Gulch, 20 lks. wide, Course E and ascend.

80.00 Set a Sand stone $16 \times 9 \times 4$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ins., N and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base.

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

28.90 Cross Gulch, 20 lks. wide, Course E and ascend.

74.10 Top of mesa land bears E. & W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 19 20 29 30 marked T, 22 N, S, 20, on N, E, R, 27 E, S, 29 on S, E, S, 30 on S, W, and S, 19 on N, W, face, with 2 notches on S, and 5 notches on E, edges, dug pits $18 \times 18 \times 12$ ins, in each Sec., $5\frac{1}{2}$ ft, dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.

Land mountainous

Soil 3^d rate

Timber of Juniper

Vegetation. Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 32'$ East.

Over mesa land.

7.00

Leave " "

9.19

Cross Gulch, 20 lks. wide, Course S. E and ascend.

28.80

Top of Spur, bears $N. 25^{\circ} E$ & $S. 25^{\circ} W$ and descend.

40.00

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

42.00

Cross Gulch, 20 lks. wide, Course S. and ascend.

80.22

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

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

 $S. 89^{\circ} 56' W$ on a true line between sections 20 & 29Variation $14^{\circ} 32'$ East

40.11

Set a post 3 ft. long, 3 in. diam with marked zinc 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ 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.

87.22

The corner to sections 19, 20, 29, 30

Land mountainous

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation

4° 32'

East.

Over mesa land

40.00

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

75.34

Intersect *W. B. of Tp. 37* lks. *S. of cor. to secs.*
previously set by me.
*19. 24. 26. 30 from which corner, I run**S. 59° 44' E on a true line, between sections 19 & 30*

Variation

14° 36'

East.

38.34

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.

78.34

The corner to sections 19. 20. 29. 30

Land rolling.

Soil

3rd

rate

Vegetation

Grass & Sage.

Township 22 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation

14° 32'

East.

Over Mesa land.

42.00 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, dug pits, 18 x 18 x 12 ins., N. and S. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 17, 18, 19, 20
marked T. 22 N. S. 17, on N, E, R, 27 E, S. 20
on S, E, S, 19 on S, W, and S, 18 on N, W, face,
with 3 notches on S, and 3 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post. from which

A Juniper 7 ins. diam. bears N. 29° W. 43 lks. dist.
marked T. 22 N. R. 27 E. S., 18 B. T.

A Juniper 9 ins. diam. bears N. 60° E. 62 lks. dist.
marked T. 22 N. R. 27 E. S., 17 B. T.

A Juniper 11 ins. diam. bears S. 50° W. 37 lks. dist.
marked T. 22 N. R. 27 E. S., 19 B. T.

No other trees within limits.

Land rolling.

Soil 8° rate

Timber of Juniper

Vegetation. Grass & Sage

Township

22

N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Ascend.

40.00

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

50.00

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

70.00

Cross Gulch, 100 lks. wide, Course S. and ascend.

79.00

Top of Hill bears N.W. x S.E. and descend.

80.49

Intersect N. & S. line, 87 lks. S. of cor. to secs.

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

S. 89° 44' W. on a true line between sections 17 & 20

Variation

14° 32'

East

80.24

Set a post 3 ft. long, 3 ins. diam. with unmarked 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. from which

A Juniper 7 ins. diam. bears N. 14° W. 72 lks. dist.

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

No other trees within limits.

80.49

The corner to sections 17. 18. 19. 20

Land hilly.

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage

Township 22 N

Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.78.63 Intersect W. B. of Tp. 9 lks. S. of cor. to secs.
previously set by me.
13 18. 19. 24 from which corner, I run

S. 89. 06 E on a true line, between sections 18 & 19

Variation

14° 36'

East.

38.63 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.

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

Land rolling.

Soil 8th rate

Vegetation Grass & Sage.

Township

Range

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 32'

East.

Over rolling land.

39.50

Diode between Rio Puerco and La Oria
Rivers, bears N. E. & S. W. & descend

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, 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.

50.00

Foot of hill bears N. E. & S. W. and
inter rolling valley with scattering scrub timber

80.00

Set a post 4 ft. long, 4 ins. square, with marked
12 ins. in the ground, for Cor. to Secs, 7, 8, 17, 18
marked T, 32 N, S, 8, on N, E, R, 27 & S, 17
on S, E, S, 18 on S, W, and S, 7 on N, W, face,
with 4 notches on S, and 6 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

Land rolling.

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage

Jan. 13. 1883

Township

22 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

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

50.00 Foot of bluff bears N. 60° E. & S. 60° W. was used.

79.93 Intersect N. & S. line, 6 lks. N of cor. to secs.

29. 16. 17 from which corner, I run

N 89° 08' W. on a true line between sections 8 & 17

Variation

14° 32' East

79.96 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. onN. face, dug pits, 18 x 18 x 12 ins., E. and W. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.high, $3\frac{1}{2}$ ft. base around post.

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

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township

22

N

Range

27

E

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Over rolling land.

40.00

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

78.26

Intersect W. B. of Tp. 40 lks. N. of cor. to secs.
previously set by me.
7. 12. 13. 18 from which corner, I run

N. 89° 43' E on a true line, between sections 7 & 18

Variation

14° 36'

East.

37.36

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.

from which

A Juniper 6 ins. diam. bears N. 12 $\frac{1}{2}$ ° E. 34 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

78.26

The corner to sections 7, 8, 17, 18

Land rolling.

Soil

30

rate

Timber of

Juniper

Vegetation.

Grass & Sage.

Township

22 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

11° 32'

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

30.00

Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 6, 6, 7, 8
marked T, 22 N, S, 6, on N, E, R, 27 E, S, 8
on S, E, S, 7 on S, W, and S, 6 on N, W, face,
with 4 notches on S, and 6 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft, dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
around post.

*Land rolling.*Soil 3rd rate

Timber of

Juniper

Vegetation.

Grass & Sage.

Township 22 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 32' East.

Over rolling land.

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

20.13 Intersect N. & S. line, $\frac{1}{2}$ lks. S. of cor. to secs.

4.5: 8. 9 from which corner, I run

3.99: 6.14 W. on a true line between sections 5 & 8

Variation 14° 32' East

40.06 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, dig 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.

20.13 The corner to sections 5, 6, 7, 8

Land rolling.

Soil 3rd rate

Vegetation Grass & Sage.

Township 22 N Range 27 E
 Gila and Salt River Meridian.

Chains	West, on a random line between Sections 6 and 7.	Variation	East.
	Over rolling land.		
40.00	Set temporary $\frac{1}{2}$ Sec. Cor.		
78.16	Intersect <i>W</i> B. of Tp. 20 lks. <i>S.</i> of cor. to secs. previously set by me. from which corner, I run $89^{\circ} 57'$ <i>E.</i> on a true line, between sections 6 & 7		
		Variation $14^{\circ} 36'$	East.
38.16	Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor.; marked $\frac{1}{2}$ <i>S.</i> on <i>N.</i> face, dug pits, 18 x 18 x 12 ins., <i>E.</i> and <i>W.</i> 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 Juniper 8 ins. diam. bears $N 23\frac{1}{2}^{\circ} W$ 42 lks. dist. marked $\frac{1}{2}$ <i>S. B. T.</i>		
	No other trees within limits.		
78.16	The corner to sections 6, 6, 7, 8		
	Land rolling.		
	Soil 3° rate		
	Timber of juniper		
	Vegetation. Grass & Sage.		

Township 22 N.

Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 32'

East.

Ascend.

27.00

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

40.00

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

80.12

Intersect N. B. of Tp. 19 lks. W. of cor. to secs. previously set by me. from which corner, I run

S. 8° W. on a true line, between sections 5 & 6

Variation

14° 32'

East.

40.12

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

A Juniper 12 ins. diam. bears N. 29° W. 6 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

80.12

The corner to sections 5, 6, 7, 8

Land hilly.

Soil 3rd rate

Timber of Juniper

Vegetation. Grass & Sage.

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

Jan. 15, 1883

GENERAL DESCRIPTION.

The land in this Township is hilly and rolling.

The soil is 2nd and 3rd rate.

The vegetation consists of grass & sage. The Township is covered with timber of juniper and well adapted to grazing purposes.

For Trial Oaths
see Book 15.

BOOK 447

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BOOK 447

U. S. Surveyor General's Office,
Tucson, Arizona, June 19, 1883

The foregoing Field Notes of the survey of the
Subdivision Lines of
Township 22 N. R. 2^d E.

of the Gila and Salt River Base and Meridian, Arizona,
executed by Frank Fallman,
D. S., under his contract of the 31st day of
July, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. W. Robinson

Surveyor General.