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D. Wheeler Deputy Surveyor.

22 N R. *8 E*

Gila and Salt River Meridian.

FIELD NOTES BOOK 428

OF

No. 428

THE SUBDIVISION LINES OF

Township *22 N* Range *8 E*

Gila and Salt River Meridian.

BY

D. Wheeler Deputy Surveyor.

Under his Contract of *July 17* 188*2*

Survey Commenced *May 17* 188*3*

Survey Completed *May 17* 188*3*

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428

BOOK 428

No. 428

O. D. Wheeler Deputy Surveyor.

T. 22 N. R. 8 E.

Gila and Salt River Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 22 N Range 8 E.

Gila and Salt River Meridian.

BY

O. D. Wheeler Deputy Surveyor.

Under his Contract of July 17. 1882

Survey Commenced May 11. 1883

Survey Completed May 17. 1883

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1A

Township 22 North, Range 8 East

BOOK 428 Gila and Salt River Meridian.

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
53		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

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Township.....

Range.....

Meridian.

dian

Township

Range

Meridian.

Survey made with Burt's Patent Improved Solar
Compass, ^{or} nearly new, and in first rate order. Made
by Otto Stenmel of Cassel
Germany in 1881

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

^{1D} Township 22 N Range 8 E
 (See previous page.)
 Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary, *J.P.*
previously described. ^{1 run,}
 North, between Sections 35 and 36

Variation 14° 37' East.

Ascend. *very gradually.*

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.

00.00

Enter Flat bears S 70° E.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.
 12 ins. in the ground, for Cor. to Secs. 20, 20, 35 & 30
 marked T. 22 N. S. 25, on N. E., R. & E., S. 30
 on S. E., S. 35 on S. W. and S. 20 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. level.

Soil 3rd rate.

Timber of pine & oak
 Vegetation grass & sage.

Township 22 N Range 8 E

Gila and Salt River Meridian,

Chains East, on a random line between Sections 25 and 36.
 Variation 14° 37' East.

Over level land

12.00 Cross Wash, 40 lks. wide, Course S 60° E.
40.00 Set temporary $\frac{1}{4}$ sec. cor.
45.00 Leave Flat bears N. E. S. W and ascend.
50.00 Top of Spur, bears S. 45° E. N. 45° W. and descend.
80.09 Intersect E. B. of Tp. 10 lks. N. of cor. to secs.
25.30.31 & 36 previously set by me.

from which corner, I run

N 89° 56' W. on a true line, between sections 25 & 36
 Variation 14° 37' East.

40.04 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.

80.09 The corner to sections 25. 26. 35 & 36
 Land level mountainous.

Soil 3rd rate.

Timber of pine
 Vegetation grass & sage.

Township 22 N. Range 8 E

Gila and Salt River Meridian.

Chains North, between Sections 25 and 26.

Variation 14° 37' East.

Over level land

11.00 Cross Wash, 30 lks. wide, Course S. 70° E.

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.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 23, 24, 25 & 26 marked T. 22 N. S. 24 on N. E., R. 8 E., S. 25 on S. E., S. 26 on S. W and S. 23 on N. W. face, with 2 notches on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land, rolling.

Soil 3rd rate,

Heavy timber of pine & oak.

Undergrowth of grass & sage.

Township 22 N. Range 8 E. BOOK 428

Gila and Salt River Meridian.

Chains East, on a random line between Sections 24 and 25.
Variation $14^{\circ} 37'$ East.

Ascend. *gradually.*

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

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

70.00 Leave Timber, Bears. *N. & S.*

80.18 Intersect E. B. of Tp. 12 lks. S. of cor. to secs.

19. 24. 25 & 30 previously set by me.

from which corner, I run

$S 89^{\circ} 55' W.$ on a true line, between sections 24 & 26
Variation $14^{\circ} 37'$ East.

40.09 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 Yellow Pine 12 ins. diam. bears $S 60^{\circ} E$. 44 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

80.18 The corner to sections 23. 24. 25 & 26

Land mountainous

Soil 3° rate.

Timber of *pine.*

Vegetation *grass & sage.*

Township

BOOK 428

22

N.

Range

8

E.

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 37'

East.

Over level 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.

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. 13 on N. E., R. 8 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 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 level.*Soil 3rd

rate

Vegetation

grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian.

Chains

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

Variation 14° 37' East.

Over level land

40.00 Set temporary 1/4 sec. cor.

79.83 Intersect E. B. of Tp. 17 lks. S. of cor. to secs. 13, 18, 19 & 24 previously set by me.

from which corner, I run

S 89° 53' W on a true line, between sections 13 & 24

Variation 14° 37' 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, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable.

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

Land level.

Soil 3rd rate

Vegetation grass & sage.

7 Township 22 N. Range 8 E.
 Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.

Variation 14° 37' East.

On level 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.

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, or N. E., R. 8 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., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

from which

a Yellow Pine 40 ins. diam. bears N. 20° E. 34 kts. dist. marked T. 22 N. R. 8 E., S., 12 B. T.

a Yellow Pine 24 ins. diam. bears N. 40° W. 67 kts. dist. marked T. 22 N. R. 8 E., S., 11 B. T.

No other tree within limits.

Land level.

Soil 3rd rate,

Heavy timber of

Undergrowth of

Yew
 grass & sage.

Township 22 N Range 8 E
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.*Over mountainous land*40.00 Set temporary $\frac{1}{4}$ sec. cor.46.00 Cross Ravine, Course. $S. 30^{\circ} W.$ 79.69 Intersect E. B. of Tp. 5 lks. $N.$ of cor. to secs.7. 12. 13 & 18 previously set by me.
from which corner, I run $N. 89^{\circ} 58' W.$ on a true line, between sections 12 & 13Variation $14^{\circ} 37'$ East.39.84 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 Yellow Pine 15 ins. diam. bears $S. 12^{\circ} E.$ 27 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

79.69 The corner to sections 11. 12. 13 & 14

Land mountainous

Soil 3^{rd} rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N. Range 8 E.

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation 14° 37' East.*Over mountainous 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.

from which

A Yellow Pine 13 ins. diam. bears S. 35° E. 188 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other tree 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. 1, 2, 11 & 12
marked T. 22 N. S. 1, on N. E., R. 8 E., S. 12
on S. E., S. 11 on S. W and S. 2 on N. W. face,
with 5 notches on S. and 1 notch on E. edges;
dug pits, 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

A Yellow Pine 24 ins. diam. bears S. 10 $\frac{1}{2}$ ° W. *from which* 114 lks. dist.
marked T. 22 N. R. 8 E., S., 11 B. T.

A Yellow Pine 10 ins. diam. bears S. 28° E. 160 lks. dist.
marked T. 22 N. R. 8 E., S., 12 B. T.

*No other tree within limits.**Land mountainous*Soil 3rd rate.Heavy timber of pine.Vegetation grass & sage.

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian.

Chains

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

Variation

14° 37'

East.

Ascend.

40.00

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

80.14

Intersect E. B. of Tp. 26 lks. S. of cor. to secs.

1, 6, 7 & 12 previously set by me.

from which corner, I run

S. 89° 49' W. on a true line, between sections 1 & 12

Variation 14° 37' East.

4007

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 Yellow Pine 15 ins. diam. bears S. 20° W. 150 lks. dist.

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

No other tree within limits.

80.14

The corner to sections 1, 2, 11 & 12

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

11 Township 22 N Range 8 E
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Over mountainous land

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

80.11 Intersect N. B. of Tp. 18 lks. E. of cor. to secs.

1. 2. 35 & 36 previously set by me.

from which corner, I run

S. 8' E. on a true line, between sections 1 & 2
Variation $14^{\circ} 37'$ East.

40.11

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. from which

A Yellow Pine 14 ins. diam. bears N. 30° E. 14 lks. dist. marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

80.11

The corner to sections 1. 2. 11 & 12

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

May. 11. 1883

Township 22 N Range 8 E

Gila and Salt River Meridian.

From the corner to sections, 34, 35, 26, 3 previously described.

Chains North, between Sections 34 and 35.

Variation 14° 37' East.

Descend.

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

from which

1 Yellow Pine 20 ins. diam. bears S. $2\frac{1}{2}$ W. 69 lks. dist.
marked $\frac{1}{2}$ S. B. T. No other tree 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, 27, 34 & 35
marked T. 22 N. S. 26, on N. E. R. 8 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., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

from which

1 Yellow Pine 20 ins. diam. bears N. 40° E. 57 lks. dist.
marked T. 22 N. R. 8 E., S. 26 B. T.

1 Yellow Pine 14 ins. diam. bears S. $69\frac{1}{2}$ E. 61 lks. dist.
marked T. 22 N. R. 8 E., S. 35 B. T.

1 Yellow Pine 30 ins. diam. bears S. 67° W. 30 lks. dist.
marked T. 22 N. R. 8 E., S. 34 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate,

Heavy timber of pine

Vegetation grass & sage.

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Over mountainous land

40.00

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

57.00

Enter Flat bears $S. 40^{\circ} E. 2$ blks. $N. 40^{\circ} W.$

79.90

Intersect N. & S. line, 8 blks. $S.$ of cor. to secs.

25.26.35 & 30 from which corner, I run

 $S. 89^{\circ} 57' W.$ on a true line between sections 26 & 35Variation $14^{\circ} 37'$ East.

3998

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.

from which

A Yellow Pine 4 ins. diam. bears $N. 38^{\circ} W. 2$ blks. dist. marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

79.90

The corner to sections 26. 27. 34 & 35

Land mountainous & level.

Soil 3^{rd} rate.Timber of *Yucca*.

Vegetation grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian.

Chains

North, between Sections 26 and 27.

Variation

14° 37'

East.

Over mountainous land

18.00

Cross Ravine, Course. N 80° E

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.

43.00

Cross Road, bears, N. 60° E. & S. 60° W.

45.00

Enter Flat bears N. 80° E. & S. 80° 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 N. S. 23, on N. E., R. 8 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; and raised a mound of stone 2 ft. high, $4\frac{1}{2}$ ft. base around post. Pits impracticable.

*Land mountainous. and level.*Soil 3rd rate

Vegetation grass & sage.

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian.

Chains

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

Variation

14° 37'

East.

Over level land.

40.00

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

80.29

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

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

S. 89° 47' W. on a true line between sections 23 & 26

Variation: 14° 37' East.

40.14

Set a Sand stone 16 x 12 x 4 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.

80.29

The corner to sections 22, 23, 26 & 27

Land level.

Soil 3rd rate

Vegetation

grass & sage.

Township

22 N.

Range

8 E.

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $14^{\circ} 37'$ East.

Over level land

7.30
16.00
40.00

^{Timber} Cross Road, bears $N. 20^{\circ} E.$ & $S. 20^{\circ} W.$
ve Flat bears $N. 10^{\circ} E.$ & $S. 10^{\circ} W.$ and ascend:
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. 14, 15, 22 & 23
marked T. 22 N. S. 14, on N. E., R. 8 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., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

A Yellow Pine 20 ins. diam. bears $N. 30^{\circ} W.$ from which
marked T. 22 N. R. 8 E., S., 15 B. T. 40 lks. dist.

A Yellow Pine 18 ins. diam. bears $N. 30\frac{1}{2}^{\circ} E.$ 30 lks. dist.
marked T. 22 N. R. 8 E., S., 14 B. T.

A Yellow Pine 40 ins. diam. bears $S. 25^{\circ} W.$ 105 lks. dist.
marked T. 22 N. R. 8 E., S., 22 B. T.

No other tree within limits.

Land mountainous and level.

Soil 3rd rate,

Heavy timber of pine.

Undergrowth of grass & sage.

Township

22

N

Range

8

E

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.*Over mountainous land*

6.50

Enter Flat bears $N. 15^{\circ} E.$ & $S. 15^{\circ} W.$

7.50

Cross Hay & Timber Road bears $N. 15^{\circ} E.$ & $S. 15^{\circ} W.$

40.00

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

79.92

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

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

 $N. 89^{\circ} 55'$ W. on a true line between sections 14 & 23Variation $14^{\circ} 37'$ East.

39.96

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.

79.92

The corner to sections 14. 15. 22 & 23

Land level.

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

ownship 22 N. Range 8 E.

Gila and Salt River Meridian.

Chains North, between Sections 14 and 15.

Variation $14^{\circ} 37'$ East.

Over mountainous land

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

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. from which

a Yellow Pine 30 ins. diam. bears S. 40° W. 68 lks. dist. marked $\frac{1}{4}$ S. B. T. No other tree 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. 10, 11, 14 & 15 marked T. 22 N. S. 11, on N. E., R 8 E., S. 14 on S. E., S. 15 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.

a Yellow Pine 20 ins. diam. bears N. 70° W. from which 14 lks. dist. marked T. 22 N. R. 8 E., S. 10 B. T.

a Yellow Pine 18 ins. diam. bears S. 65° W. 32 lks. dist. marked T. 22 N. R. 8 E., S. 16 B. T.

a Yellow Pine 22 ins. diam. bears N. 30° E. 60 lks. dist. marked T. 22 N. R. 8 E., S. 11 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate,

Heavy timber of pine

Undergrowth of grass & sage.

BOOK 428

19

Township 22 N. Range 8 E.

Gila and Salt River Meridian.

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

Variation $14^{\circ} 37'$ East.

Over mountainous land

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

80.11 Intersect N. & S. line, 29 lks. N. of cor. to secs. 11, 12, 13 & 14 from which corner, I run

N. $89^{\circ} 48'$ W. on a true line between sections 11 & 14
Variation $14^{\circ} 37'$ 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, dug pits, 18 x 18 x 12 ins., E. and W. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.

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

from which

a Yellow Pine 20 ins. diam. bears N. $59\frac{1}{2}^{\circ}$ W. 47 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other tree within limits.

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

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage

Township 22 N. Range 8 E.

Gila and Salt River Meridian.

Chains North, between Sections 10 and 11.

Variation 14° 37' East.

Over mountainous 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

1 Yellow Pine 20 ins. diam. bears S. 10° E. 30 lks. dist. marked $\frac{1}{4}$ S. B. T. No other tree 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. 2, 3, 10 & 11 marked T. 22 N. S. 2, on N. E., R. 8 E., S. 11 on S. E., S. 10 on S. W. and S. 3 on N. W. face, with 5 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.

from which

1 Yellow Pine $1\frac{3}{8}$ ins. diam. bears N. 38° W. 2 7/8 lks. dist. marked T. 22 N. R. 8 E., S., 3 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N. Range 8 E.

Gila and Salt River Meridian.

- Chains East, on a random line between Sections 2 and 11.
 Variation $14^{\circ} 37'$ East.
Over mountainous land
- 40.00 Set temporary $\frac{1}{2}$ sec. cor.
- 79.96 Intersect N. & S. line, 12 lks. N. of cor. to secs.
 1. 2. 11 & 12. from which corner, I run
 N. $89^{\circ} 55'$ W. on a true line between sections 2 & 11
 Variation $14^{\circ} 37'$ East.
- 39.98 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
 1 Yellow Pine 10 ins. diam. bears N. $10\frac{1}{2}^{\circ}$ W. 98 lks. dist.
 marked $\frac{1}{2}$ S. B. T. No other tree within limits.
- 79.96 The corner to sections 2, 3, 10 & 11
 Land mountainous
 Soil 3rd rate.
 Timber of pine.
 Vegetation grass & sage.

Township 22 N. Range 8 E.

Gila and Salt River Meridian.

Chains

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

Variation 14° 37' East.

Over mountainous land

40.00

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

79.78

Intersect N. B. of Tp. 40 Tks. E. of cor. to secs.

2. 3. 34 & 35 previously set by me.

from which corner, I run

S. 17' E. on a true line, between sections 2 & 3

Variation 14° 37' East.

39.78

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.

from which

A Yellow Pine 20 ins. diam. bears S. 50° E. 10 Tks. dist.

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

A Yellow Pine 10 ins. diam. bears S. 30° W. 8 Tks. dist.

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

79.78

The corner to sections 9. 3. 10 & 11

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

May 12. 1883

Township 22 N Range 8 E

Gila and Salt River Meridian.

Chains From the corner to sections, 3, 4, 33, 34 previously described. on S by of the

Variation 14° 37' East.

Over mountainous land

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 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.

from which

A Yellow Pine 14 ins. diam. bears N. 40 W. 50 lks. dist. marked 1/2 S. B. T. No other tree within limits.

60.00 Enter Flat bears E. & W. and 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. 27, 28, 33 & 34 marked T 22 N. S. 27, on N. E., R. 8 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.

Land mountainous and level.

Soil 3rd rate.

Timber of pine

Vegetation grass & sage.

Township

22

N

Range

8 E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 37'

East.

Over mountainous land

20.00

Enter Flat bears N. 60° E. & S. 60° W.

40.00

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

60.00

Cross Ravine, Course. N. 45° E.

80.26

Intersect N. & S. line, 314 lks. S. of cor. to secs.

26.27.31 & 36 - from which corner, I run

S. 89° 45' W. on a true line between sections 27 & 34

Variation 14° 37' East.

40.13

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.

80.20

The corner to sections 27, 28, 33 & 34

Land mountainous and level.

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N. Range 8 E,
Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $14^{\circ} 37'$ East.

Over level land

18.00

Cross Ravine, Course. E .

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.

43.00

Cross Road, bears, N. 60° E. & S. 60° W.

57.00

Leave Flat bears N. 60° E. & S. 60° 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. 21, 22, 27 & 28
marked T. 22 N. S. 22, on N. E., R. 8 E., S. 27
on S. E., S. 28 on S. W. and S. 21 on N. W. 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.

Land mountainous and level.

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Over mountainous land

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

70.00 Enter Flat bears $N. 30^{\circ} E.$ & $S. 30^{\circ} W.$ and
Leave Timber, Bears. $N. 30^{\circ} E.$ & $S. 30^{\circ} W.$

75.00 Cross Hays Timber Road bears $N. 20^{\circ} E.$ & $S. 20^{\circ} W.$

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

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

$S. 89^{\circ} 52' W.$ on a true line between sections 22 & 27

Variation $14^{\circ} 37'$ East.

39.87

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

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

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

a Yellow Pine 12 ins. diam. bears $S. 10^{\circ} W.$ 25 lks. dist.

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

79.75

The corner to sections 21, 22, 27 & 28

Land mountainous and level.

Soil 3^{rd} rate.

Timber of pine

Vegetation grass & sage.

BOOK 428

Township 22 N. Range 8 E. Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation 114° 37' East.

Over mountainous 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.

from which

A Yellow Pine 24 ins. diam. bears S. 50° E. 83 lks. dist. marked $\frac{1}{4}$ S. B. T. No other tree within limits.

59.50

Cross Road, bears, S. 30° W. & N. 30° E.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 15, 16, 21 & 22 marked T. 22 N. S. 15 on N. E., R. 8 E., S. 22 on S. E. S. 21 on S. W. and S. 16 on N. W. face, with 3 notches on S. and 3 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

from which

A Yellow Pine 30 ins. diam. bears N. 45° E. 96 lks. dist. marked T. 22 N. R. 8 E., S. 16 B. T.

A Yellow Pine 28 ins. diam. bears N. 33° W. 17 lks. dist. marked T. 22 N. R. 8 E., S. 16 B. T.

A Yellow Pine 24 ins. diam. bears S. 27° W. 54 lks. dist. marked T. 22 N. R. 8 E., S. 21 B. T. No other tree within limits.

Land mountainous Vegetation grass & sage

Soil 3rd rate.

Timber of pine.

Wnship 22 N Range 8 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Ascend. very gradually.

9.00

Cross Flange Timber Road, bears S. 10° W. N. 10° E.

40.00

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

79.87

Intersect N. & S. line, 22 lks. N. of cor. to secs.

14. 15. 22 & 23 from which corner, I run

N. $89^{\circ} 51'$ W. on a true line between sections 15 & 22

Variation $14^{\circ} 37'$ East.

39.93

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 Yellow Pine 16 ins. diam. bears N. 60° W. 48 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Cedar 30 ins. diam. bears S. 75° W. 63 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.87

The corner to sections 15. 16. 21 & 22

Land mountainous

Soil 3° rate.

Timber of pine & cedar.

Vegetation grass & sage.

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 37'

East.

Over level 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.

80.00

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. 8 E., S. 15
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., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

from which

A Yellow Pine 48 ins. diam. bears S 65° W. 400ks. dist.
marked T. 22 N. R. 8 E. S. 16 B. T.

No other tree within limits.

Land level.

Soil 3rd rate.

Heavy timber of pine.

Vegetation grass & sage.

Township

22

N

Range

8

E

Gila and Salt River Meridian.

Chains

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

Variation

14° 37'

East.

Over level land

24.00

Leave Flat bears S. 10° E. & N. 10° W. and ascend.

40.00

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

80.23

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

10. 11. 14 & 15 from which corner, I run

N. 89° 56' W. on a true line between sections 10 & 15

Variation 14° 37' East.

40.11

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

from which

A Yellow Pine 40 ins. diam. bears S. 40° W. 44 lks. dist.

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

No other tree within limits.

80.23

The corner to sections 9. 10. 15 & 16

Land mountainous and level.

Soil 3rd rate.

Timber of pine

Vegetation grass & sage.

Township 22 N. Range 8 E.
 Gila and Salt River Meridian.

chains

North, between Sections 9 and 10.

Variation 14° 37' East.*Over level land*

0.00

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. 3, 4, 9 & 10
 marked T 22 N. S. 3, on N. E., R. 8 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., $5\frac{1}{2}$ ft. dist.,
 and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
 around post.

Land level.

Soil 3rd rate.Timber of Yaine.Vegetation Grass & Sage.

Township 22 N Range 8 E
Gila and Salt River Meridian.

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

Variation $14^{\circ} 37'$ East.

Over level land

33.00

Leave Flat bears N. & S. and ascend.

40.00

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

80.52

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

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

N. $89^{\circ} 47'$ W. on a true line between sections 3 & 10

Variation $14^{\circ} 37'$ East.

40.20

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 Yellow Pine 40 ins. diam. bears S. 15° E. 43 lks. dist. marked $\frac{1}{4}$ S. B. T. No other tree within limits.

80.52

The corner to sections 3, 4, 9 & 10

Land mountainous and level.

Soil 3° rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N Range 8 E
 Gila and Salt River Meridian.

North, on a random line between Sections 3 and 4.
 Variation 14° 37' East.

Over level land

40.00
 79.94
 See temporary $\frac{1}{4}$ sec. cor.
 Leave 1/4 sec. cor. W. of cor. to secs.
 Intersect N. B. of Tp. 31 1/4 m. W. of cor. to secs.

3. 4. 33 & 34 previously set by me.
 from which corner, I run

S. 13' W. on a true line, between sections 3 & 4
 Variation 14° 37' East.

79.94
 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
 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.

79.94
 The corner to sections 3. 4. 9 & 10

Land mountainous
 Soil 3rd rate.

Timber of pine
 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.

May 14. 1883

Township

22 N

Range

8 E

Gila and Salt River Meridian.

From the corner to sections, 4, 8, 32 & 33 ^{on S. B. & W. R.} previously described. ^{by me}

Chains

North, between Sections 32 and 33.

Variation

14° 37'

East.

Over level 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.

68.00

Cross Road, bears N. 30° E. & S. 30° 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. 8 E., S. 33 on S. E., S. 32 on S. W. and S. 29 on N. W. face, with 2 notches on S. and 4 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

from which

A Yellow Pine 36 ins. diam. bears S. 28° E. 2.8 mks. dist. marked T. 22 N. R. 8 E., S. 33 B. T.

No other tree within limits.

Land level.

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township

22

N.

Range

8

E

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.*Over mountainous land*

17.00

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

40.00

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

44.00

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

46.00

Enter Flat bears $N. \& S.$

79.73

Intersect $N. \& S.$ line, 52 lks. $S.$ of cor. to secs.

27. 28. 33 & 34 from which corner, I run

 $189^{\circ} 38'$ W. on a true line between sections 28 & 33Variation $14^{\circ} 37'$ East.

39.80

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

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

from which

A Yellow Pine 40 ins. diam. bears $S. 70^{\circ} W.$ 1. 10 lks. dist.marked $\frac{1}{2}$ S. B. T.

No other tree within limits.

79.73

The corner to sections 28. 29. 32 & 33

Land mountainous and level.

Soil 3^{rd} rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N Range 8 E
Gila and Salt River Meridian.

Chains North, between Sections 28 and 29.

Variation 14° 37' East.

Over mountainous land

40.00 Set a Sand stone 10 x 12 x 5 ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
face, and raised a mound of stone alongside. Pits
impracticable.

from which

A Yellow Pine 30 ins. diam. bears S. 60° W. 1.90 kts. dist.
marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

50.00 Cross Ravine, Course. S. 80° E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.
12 ins. in the ground, for Cor. to Secs. 20. 21. 28 & 29
marked T. 22 N. S. 21 on N. E., R. 8 E., S. 28
on S. E., S. 29 on S. W. and S. 20 on N. W. face,
with 2 notches on S. and 4 notches on E. edges;
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,
and raised a mound of earth 2 ft. high, 4½ ft. base
around post.

A Yellow Pine 20 ins. diam. bears S. 60° W. from which
marked T. 22 N. R. 8 E., S., 29 B. T. 1.3 kts. dist.

A Yellow Pine 22 ins. diam. bears N. 80° W. 1.8 kts. dist.

marked T. 22 N. R. 8 E. S. 20 B. T.

A Yellow Pine 30 ins. diam. bears N. 33° E. 1.09 kts. dist.

marked T. 22 N. R. 8 E., S., 21 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N BOOK 428 Range 8 E

Gila and Salt River Meridian.

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

Variation $14^{\circ} 37'$ East.*Over mountainous land*31.00 Cross Road, bears, *N. 45° W. & S. 45° E.*40.00 Set temporary $\frac{1}{4}$ sec. cor.

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

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

*S. 89° 57' W. on a true line between sections 21 & 28*Variation $14^{\circ} 37'$ East.

39.83 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 Yellow Pine 20 ins. diam. bears N. 47° W. $5\frac{3}{4}$ lks. dist. marked $\frac{1}{4}$ S. B. T.**No other tree within limits.*

79.66 The corner to sections 20. 21. 28 & 29

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

Township 22 N Range 8 E

Gila and Salt River Meridian.

Chains North, between Sections 20 and 21.

Variation 14° 37' East.

Over mountainous land

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

40.00 Set a Sand stone 20 x 7 x 7 ins., 15
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, and raised a mound of stone. alongside. Pits
 impracticable.

from which

80.00 A Yellow Pine 20 ins. diam. bears N. 15° E. 48 lks. dist.
 marked $\frac{1}{4}$ S. B. T. No other tree within limits.

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. & 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;

aug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,

and raised a mound of earth 2 ft. high, 4½ ft. base

around post. from which

A Yellow Pine 30 ins. diam. bears N. 49½° W. 50 lks. dist.
 marked T. 22 N. R. & E., S., 17 B. T.

A Yellow Pine 24 ins. diam. bears N. 43° E. 60 lks. dist.
 marked T. 22 N. R. & E., S., 10 B. T.

A Yellow Pine 30 ins. diam. bears S. 65° E. 81 lks. dist.
 marked T. 22 N. R. & E., S., 21 B. T.

A Yellow Pine 30 ins. diam. bears S. 50° W. 93 lks. dist.
 marked T. 22 N. R. & E., S., 20 B. T.

Land mountainous

Soil 3rd rate,

Heavy timber of pine.

Vegetation grass & sage.

35 39 Township 22 N. Range 8 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Descend *gradually.*

40.00

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

80.19

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

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

$S. 89^{\circ} 44'$ W. on a true line between sections 16 & 21

Variation $14^{\circ} 37'$ East.

40.09

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

1 Yellow Pine 28 ins. diam. bears N. $7\frac{1}{2}^{\circ}$ W. 28 lks. dist. marked $\frac{1}{2}$ S. B. T.

1 Yellow Pine 30 ins. diam. bears S. 70° W. 70 lks. dist. marked $\frac{1}{2}$ S. B. T.

80.19

The corner to sections 16. 17. 20 & 21

Land mountainous

Soil 3° rate,

Heavy timber of *pine*

Vegetation grass & sage.

Township 22 N Range 8 E

Gila and Salt River Meridian.

Chains North, between Sections 16 and 17.

Variation $111^{\circ} 37'$ East.Ascend. *gradually.*

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.

A Yellow Pine 30 ins. diam. bears N. 20° E. ^{from which} $3\frac{1}{2}$ lks. dist. marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 12 ins. diam. bears S. $79\frac{1}{2}^{\circ}$ W. $8\frac{3}{4}$ lks. dist. marked $\frac{1}{4}$ S. B. T.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 8, 9, 10 & 17 marked T. 22 N. S. 9 on N. E., R. 8 E., S. 10 on S. E., S. 17 on S. W. and S. 8 on N. W. face, with 4 notches on S. and 4 notches on E. edges; 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 Yellow Pine 30 ins. diam. bears N. 44° W. ^{from which} $2\frac{1}{4}$ lks. dist. marked T. 22 N. R. 8 E., S., 8 B. T.

A Yellow Pine 18 ins. diam. bears S. 38° E. $1\frac{1}{4}$ lks. dist. marked T. 22 N. R. 8 E., S., 10 B. T.

No other tree within limits.

Land mountainous

Soil 3° rate,

Heavy timber of *pine.*

Vegetation grass & sage

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian

Chains

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

Variation $14^{\circ} 37'$ East.*Over mountainous land*

30.00

Enter Flat bears $N. 15^{\circ} E.$ & $S. 15^{\circ} W.$ andLeave Timber, Bears. $N. 15^{\circ} E.$ & $S. 15^{\circ} W.$

40.00

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

79.93

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

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

 $S. 59^{\circ} 53'$ W. on a true line between sections 9 & 16Variation $14^{\circ} 37'$ East.

39.90

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

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

79.93

The corner to sections 8, 9, 16 & 17

Land mountainous and level.

Soil 3° rate.Timber of *pine*Vegetation *grass & sage*

Wnship 22 N Range 8 E

Gila and Salt River Meridian.

Chains North, between Sections 8 and 9.

Variation 14° 37' East.

Over mountainous 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 Yellow Pine 40 ins. diam. bears $7\frac{1}{4}^{\circ}$ W. 57 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other tree within limits.

30.00 Set a sand stone 20 x 10 x 1 ins. 15 ins. in the ground for Cor. to Secs. 4, 5, 8 & 9 marked with 5 notches on S. and 4 notches on E. edges and raised a mound of stone. alongside, Pits impracticable.

A Yellow Pine 40 ins. diam. bears $59\frac{1}{2}^{\circ}$ W. 89 lks. dist. marked T. 22 N. R. 8 E., S., 8 B. T.

A Yellow Pine 20 ins. diam. bears $N. 30^{\circ} W.$ 82 lks. dist. marked T. 22 N. R. 8 E., S., 5 B. T.

A Yellow Pine 22 ins. diam. bears $N. 60^{\circ} E.$ 67 lks. dist. marked T. 22 N. R. 8 E., S., 4 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian

Chains

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

Variation $14^{\circ} 37'$ East.

Over mountainous land

32.00

Enter Flat bears N. & S. and
Leave Timber, Bears. N. & S.

40.00

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

79.72

Intersect N. & S. line, 22 lks. N. of cor. to secs.

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

N. $89^{\circ} 51'$ W. on a true line between sections 4 & 9

Variation $14^{\circ} 37'$ East.

39.86

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.

79.72

The corner to sections 4, 5, 8 & 9

Land mountainous and level.

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

township 22 N. Range 8 E.
 Gila and Salt River Meridian.

ins North, on a random line between Sections 4 and 5.
 Variation 14° 37' East.
 Over mountainous land
 0.00 Set temporary $\frac{1}{4}$ sec. cor.
 10.10 Intersect N.B. of Tp. 12 lks. E. of cor. to secs.
 H. 5. 32 & 33 previously set by me.

from which corner, I run
 S. 5° E. on a true line, between sections 4 & 5
 Variation 14° 37' East.

1.16 Set a Sand stone $16 \times 9 \times 5$ ins., 10
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, and raised a mound of stone alongside. Pits
 impracticable.

from which
 1 Yellow Pine 22 ins. diam. bears S. 52° E. 96 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

1 Yellow Pine 8 ins. diam. bears N. 30° W. 49 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

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

Land mountainous
 Soil 3rd rate.
 Timber of pine.
 Vegetation grass & sage.
 May 15. 1883

Township 22 N Range 8 E

Gila and Salt River Meridian.

From the corner to sections, 5, 6, 31 & 32, ^{on S. B. T. Sp.} previously described, by m. Chains ~~run~~ North, between Sections 31 and 32.

Variation 14° 37' East.

Ascend. gradually

40.00

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

A Yellow Pine 25 ins. diam. bears N. 15° E. 50 lks. dist. marked $\frac{1}{2}$ S. B. T.

A Yellow Pine 10 ins. diam. bears S. 85° E. 45 lks. dist. marked $\frac{1}{2}$ S. B. T.

66.50

Cross Flays Wood Road bears E. & W.

70.00

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

80.00

Set a Sand stone $15 \times 15 \times 12$ ins. 10 ins. in the ground for Cor. to Secs. 29, 30, 31 & 32 marked with | notch on S. and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable, from which

An Oak 10 ins. diam. bears S. 77° E. 20 lks. dist. marked T. 22 N. R. 8 E., S., 32 B. T.

A Yellow Pine 18 ins. diam. bears S. 65° W. 66 lks. dist. marked T. 22 N. R. 8 E., S., 31 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of pin. & oak.

Vegetation grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Descend. gradually.

40.00

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

80.39

Intersect N. & S. line, 27 lks. N. of cor. to secs.

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

N. $89^{\circ} 48'$ W. on a true line between sections 29 & 32Variation $14^{\circ} 37'$ East.

1019

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

from which

A Yellow Pine 24 ins. diam. bears N. 80° E. 73 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other tree within limits.

0.39

The corner to sections 29, 30, 31 & 32

Land mountainous

Soil 3^{rd} rate.

Timber of pine

Vegetation grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Ascend. gradually.

12.00 Ascend. abruptly.

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

65.00 Point of Mountain bears $N. 60^{\circ} E.$ & descend

79.36 Intersect W.B. of Tp. 18 lks. N. of cor. to secs.

25. 30. 31 & 30 previously set by me.

from which corner, I run

$N. 87^{\circ} 52' E.$ on a true line, between sections 20 & 31

Variation $14^{\circ} 37'$ East.

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

A Yellow Pine 24 ins. diam. bears $S. 27^{\circ} W.$ 49 lks. dist.

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

No other tree within limits.

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

Land mountainous

Soil 3^{rd} rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N Range 8 E

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation $14^{\circ} 37'$ East.

Ascend.

20.00 Top of Round Hill and descend.

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

21 Yellow Pine 22 ins. diam. bears $N. 28^{\circ} W.$ 1.75 lks. dist. marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

60.00 Cross Ravine, Course. $S. 50^{\circ} E.$

80.00 Set a Sand stone $18 \times 14 \times 7$ ins. 12 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30 marked with 2 notches on S. and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

An Oak 15 ins. diam. bears $N. 85^{\circ} E.$ from which marked T. 22 N. R. 8 E., S., 20 B. T. 65 lks. dist.

21 Yellow Pine 16 ins. diam. bears $S. 79\frac{1}{2}^{\circ} W.$ 53 lks. dist. marked T. 22 N. R. 8 E., S., 30 B. T.

21 Yellow Pine 17 ins. diam. bears $N. 80^{\circ} W.$ 63 lks. dist. marked T. 22 N. R. 8 E., S., 19 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of pine & oak.
Vegetation grass & sage.

Township 22 N Range 8 E

Gila and Salt River Meridian.

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

Variation 14° 37' East

Descend. gradually.

40.00 Set temporary 1/2 sec. cor.

80.57 Intersect N. & S. line, 63 lks. N. of cor. to secs.

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

N. 89° 33' W. on a true line between sections 20 & 29

Variation 14° 37' East.

40.28 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.

from which

A Yellow Pine 25 ins. diam. bears N. 30° W. 33 lks. dist. marked 1/2 S. B. T.

A Yellow Pine 12 ins. diam. bears S. 10° E. 59 lks. dist. marked 1/2 S. B. T.

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

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N Range 8 E
 Gila and Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.
 Variation 14° 37' East.

Descend. gradually.

8.00 Cross Ravine, Course. S. 10° E.
 38.00 Along S. slope of point.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 79.05 Intersect W. B. of Tp. 31 1ks. N. of cor. to secs.
 19. 24. 25 & 30 previously set by me.

from which corner, I run

N. 89° 47' E on a true line, between sections 19 & 30
 Variation 14° 37' East.

39.05 Set a Sand stone 14 x 11 x 7 ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.
 from which
 a Yellow Pine 24 ins. diam. bears N. 28° E. 55ks. dist.
marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

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

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N.

Range 8 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 19 and 20.

Over mountainous land. Variation $14^{\circ} 37'$ East.

7.92
9.00
40.00

A Cabin bears S. 75° W.

4 Spring bears S. 60° W.

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

Burr Oak 10 ins. diam. bears S. 35° W. 7 $\frac{1}{2}$ lks. dist. marked $\frac{1}{2}$ S. B. T.

Burr Oak 12 ins. diam. bears S. 10° E. 9 $\frac{1}{2}$ lks. dist. marked $\frac{1}{2}$ S. B. T.

41.00
80.00

Cross Road, to Ranch bears N.W. & S.E. 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. 8 E., S. 20

on S. E., S. 19 on S. W. and S. 19 on N. W. face,

with 3 notches 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

around post. from which

Yellow Pine 28 ins. diam. bears S. 22° W. 9 $\frac{1}{2}$ lks. dist. marked T. 22 N. R. 8 E., S. 19 B. T.

A Burr Oak 10 ins. diam. bears N. 10° E. 6 $\frac{1}{2}$ lks. dist. marked T. 22 N. R. 8 E., S. 17 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of pine & oak
Vegetation grass & sage.

Township 22 N Range 8 E

Gila and Salt River Meridian.

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

Variation $14^{\circ} 37'$ East.

Descend. gradually

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

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

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

N. $89^{\circ} 54'$ W. on a true line between sections 17 & 20Variation $14^{\circ} 37'$ East.

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

12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. onN. face, and raised a mound of stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post. Pits impracticable. from whichA Yellow Pine 14 ins. diam. bears S. 83° W. 42 lks. dist.
marked $\frac{1}{2}$ S. B. T.A Yellow Pine 15 ins. diam. bears N. $69\frac{1}{2}^{\circ}$ W. 10 lks. dist.
marked $\frac{1}{2}$ S. B. T.

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

Land mountainous

Soil 3^{rd} rate.

Timber of pine.

Vegetation grass & sage.

Township 22 N. Range 8 E.

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Ascend. gradually.

40.00

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

78.89

Intersect W. B. of Tp. 14 lks. S. of cor. to secs.
13. 18. 19 & 24 previously set by me.
from which corner, I run $159^{\circ} 54' E.$ on a true line, between sections 18 & 19
Variation $14^{\circ} 37'$ East.

38.89

Set a sand stone $24 \times 15 \times 10$ ins., 18
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone. alongside. Pits
impracticable.

from which

A Yellow Pine 20 ins. diam. bears N. $87^{\circ} W.$ 17 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Yellow Pine 19 ins. diam. bears S. $10^{\circ} E.$ 16 lks. dist.
marked $\frac{1}{4}$ S. B. T.

78.89

The corner to sections 17. 18. 19 & 20

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township

22 N

Range

8 E

Gila and Salt River

Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 37'

East.

Over mountainous 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, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears S 87° W. 40 lks. dist. marked 1/4 S. B. T. No other tree within limits.

80.00

Set a sand stone 15 x 9 x 8 ins. 10 ins. in the ground for Cor. to Secs. 7, 8, 17, & 18 marked with 4 notches on S. and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

A Yellow Pine 30 ins. diam. bears N. 16° W. 59 lks. dist. marked T. 22 N. R. 8 E., S., 7 B. T.

A Yellow Pine 12 ins. diam. bears S. 70° E. 50 lks. dist. marked T. 22 N. R. 8 E., S., 17 B. T.

A Spruce Oak 10 ins. diam. bears N. 59° E. 60 lks. dist. marked T. 22 N. R. 8 E., S., 8 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of

Vegetation

pine & oak.
grass & sage.

Township

22

N.

Range

8

E.

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Descend. gradually.

40.00

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

80.20

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

8, 9, 10 & 17 from which corner, I run

 $S. 89^{\circ} 57'$ W. on a true line between sections 8 & 17Variation $14^{\circ} 37'$ East.

40.10

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. line, and raised a mound of stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post. Pits impracticable. from whicha Yellow Pine 18 ins. diam. bears $S. 45^{\circ} W.$ 48 lks. dist.
marked $\frac{1}{4}$ S. B. T.a Yellow Pine 20 ins. diam. bears $N. 10^{\circ} W.$ 56 lks. dist.
marked $\frac{1}{4}$ S. B. T.

80.20

The corner to sections 7, 8, 17 & 18

Land mountainous

Soil 3rd rate.

Timber of pine

Vegetation grass & sage.

May, 16. 1883

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.*Ascend. gradually.*

40.00

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

78.49

Intersect W. B. of Tp. 24 lks. S. of cor. to secs.

7. 12. 13 & 18 previously set by me.

from which corner, I run

S. $89^{\circ} 50'$ E. on a true line, between sections 7 & 18Variation $14^{\circ} 37'$ East.

38.49

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

78.49

The corner to sections 7. 8. 17 & 18

Land mountainous

Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township

22 N.

Range

8 E.

Gila and Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation $14^{\circ} 37'$ East.*Over mountainous land*

40.00

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

from which

A Yellow Pine 20 ins. diam. bears $S. 7\frac{1}{2}^{\circ} W.$ 29 lks. dist. marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

80.00

Set a sand stone $6 \times 9 \times 7$ ins. 10 ins. in the ground for Cor. to Secs. 5, 6, 7 & 8 marked with 5 notches on S. and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 18 ins. diam. bears $N. 30^{\circ} E.$ 57 lks. dist. marked T 22 N. R. 8 E., S., 5 B. T.

A Yellow Pine 40 ins. diam. bears $S. 35\frac{1}{2}^{\circ} W.$ 41 lks. dist. marked T 22 N. R. 8 E., S., 7 B. T.

*No other tree within limits.**Land mountainous*Soil 3rd rate.

Timber of pine.

Vegetation grass & sage.

Township

22 N.

Range

8 E

58

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Descend. gradually.

40.00

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

80.13

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

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

S. $89^{\circ} 43'$ W. on a true line between sections 5 & 8Variation $14^{\circ} 37'$ East.

110.00

Set a Sand stone $15 \times 11 \times 7$ ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N
face, and raised a mound of stone alongside. Pits
impracticable.

from which

1 Yellow Pine 20 ins. diam. bears S. 40° W. 39 lks. dist.
marked $\frac{1}{4}$ S. B. T.1 Yellow Pine 40 ins. diam. bears N. $19\frac{1}{2}^{\circ}$ W. 24 lks. dist.
marked $\frac{1}{4}$ S. B. T.

50.13

The corner to sections 5, 6, 7 & 8

Land rolling.

Soil 3° rate,

Heavy timber of pine

Vegetation grass & sage.

Township 22 N. Range 8 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Ascend.

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

78.77 Intersect *W. B. of Tp. 7* lks. *N.* of cor. to secs.
1.6. 7 & 12 previously set by me.
 from which corner, I run

N. 89^{\circ} 57' E. on a true line, between sections *6 & 7*
 Variation $14^{\circ} 37'$ East.

38.77 Set a sand stone $12 \times 11 \times 9$ ins., $\frac{1}{2}$ 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. from which

1 Yellow Pine 28 ins. diam. bears *S. 27^{\circ} E.* 88 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other tree within limits.

78.77 The corner to sections *5, 6, 7 & 8*
 Land rolling.

Soil 3^{rd} rate.

Timber of *pine.*

Vegetation *grass & sage.*

Township

22

N

Range

8 E

Gila and Salt River

Meridian.

Chains

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

Variation $14^{\circ} 37'$ East.

Over rolling land.

40.00

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

80.34

Intersect N.B. of Tp. 13 lks. E. of cor. to secs.

5, 6, 31 & 32 ^{previously set by me.} from which corner, I run

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

Variation $14^{\circ} 37'$ East.

40.34

Set a Sand stone $16 \times 10 \times 4$ ins., 10 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W. face, and raised a mound of stone alongside. Pits

impracticable.

from which

A Yellow Pine 20 ins. diam. bears S. 42° W. $1\frac{1}{2}$ lks. dist. marked $\frac{1}{2}$ S. B. T.A Yellow Pine 24 ins. diam. bears S. $44\frac{1}{2}^{\circ}$ E. 3 lks. dist. marked $\frac{1}{2}$ S. B. T.

80.34

The corner to sections 5, 6, 7 & 8

Land rolling.

Soil 3rd rate.

Timber of pine

Vegetation grass & sage.

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

May. 17. 1883.

GENERAL DESCRIPTION.

This Township lies immediately east of the highest point in the S. F. Mts.

The North and Western portions of this Township is high rolling and thickly timbered, principally Yellow Pine Timber and scattering Oak.

The East and South Eastern portion of this Township is almost level and quantities of grass cut for hay from the same.

The soil is sandy and can be classed as 3rd rate.
Grazing very good.

62

U. S. Surveyor General's Office,

Tucson, Arizona,

June 17, 1884,

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Township 22 North
Range 8 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by

O. W. Wheeler

Deputy Surveyor, under his contract of the

14th,

day of

July

, 1882, having been

critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe

are hereby approved

Royal L. Johnson
Surveyor General.