

Book No. 2

BOOK 439

Frank Follman Deputy Surveyor.

T. *22* North R. *25* East

Gila and Salt River Meridian.

BOOK 439

FIELD NOTES

OF

No. 439

THE SUBDIVISION LINES OF

Township *22* North Range *25* East

Gila and Salt River Meridian

BY

Frank Follman Deputy Surveyor.

Under his Contract of *July* *31* 18*82*

Survey Commenced *Dec.* *25* 18*82*

Survey Completed *Jan.* *1* 18*83*

Platted,

Copied for Washington,

Copied for Register,

Edward Denny & Co., Stationers & Printers, S. F., Cal.

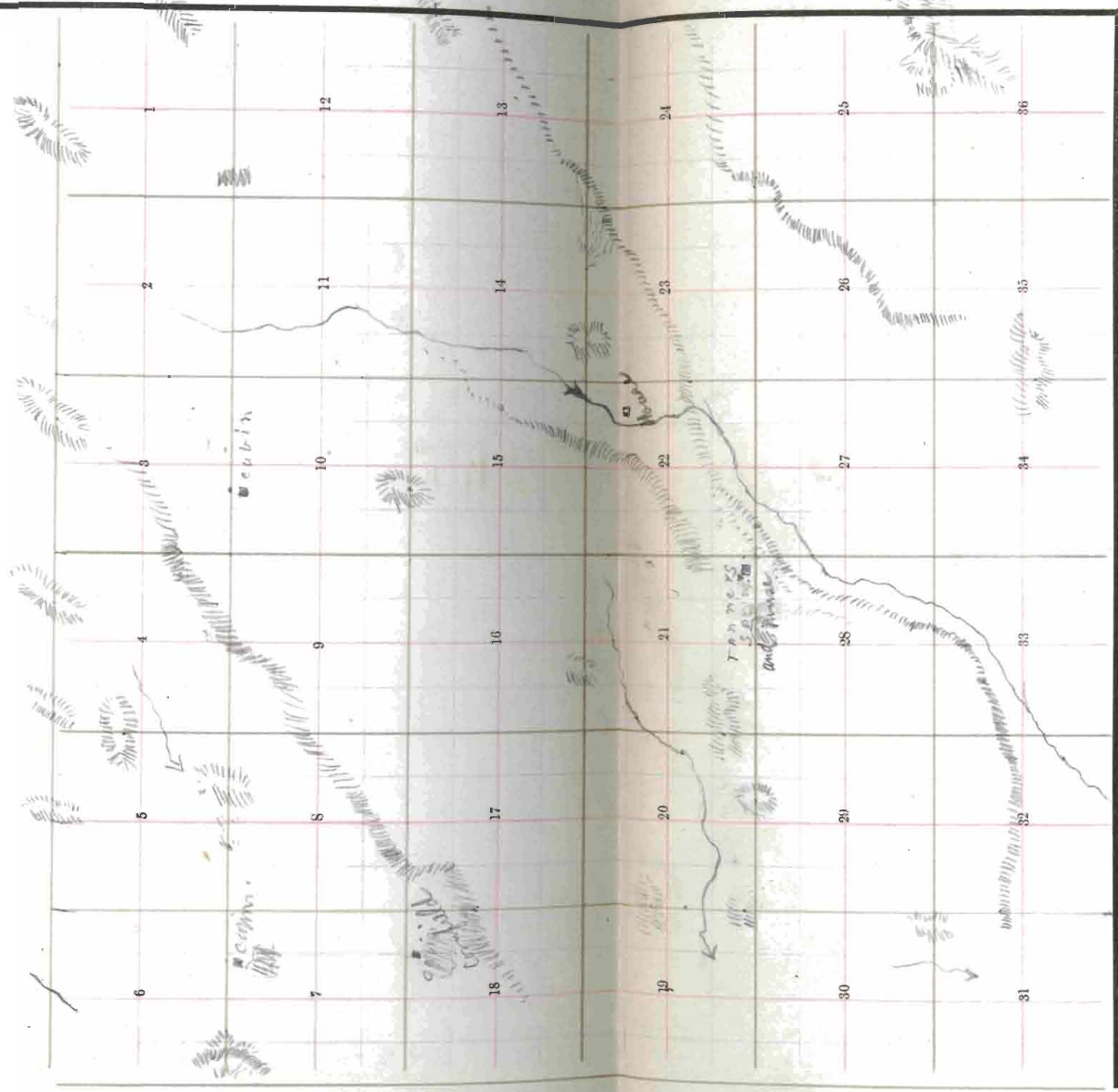
Copyright Secured.

Entered according to Act of Congress, in the Clerk's Office of the Librarian of Congress at Washington, D. C., in the year 1880.

439

Township No. 22 N Range No. 20 E 5th Salt River Meridian.

BOOK 439



TOWNSHIP PLOT

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work.

BOOK 439

No. 439

BOOK 439

1A

Frank Follman Deputy Surveyor.

T. 22 N. R. 25 E.

Gila and Salt River Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 22 N. Range 25 E.

Gila and Salt River Meridian.

BY

Frank Follman Deputy Surveyor.

Under his Contract of July 31, 1882

Survey Commenced Dec. 25, 1882

Survey Completed Jan. 1, 1883

Platted,
Copied for Washington,
Copied for Register,

1B

Index

Township 22 North, Range 25 East

Index

Gila and Salt River

Meridian.

BOOK 439

6	00	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
56		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

Edward Denny & Co., Stationers & Printers, S. F., Cal.

Copyright Secured,

Entered according to Act of Congress, in the Clerk's Office of the Librarian of Congress at Washington, D. C., in the year 1880.

Township

Meridian.

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

Before proceeding to subdivide this Tp., I made a
change of 11 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.

1 D

BOOK 439

Township
(See previous page.)

22

N. Range

35

8

Gila and Salt River

Meridian.

Chains

previously set by me.

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

Variation

14° 35'

East.

*Over broken land.**Leave broken land and Over rolling land.*

40.00

Set a sand stone 20 x 10 x 8 ins., 5 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

80.00

Set a sand stone 20 x 10 x 10 ins. 5 ins. in the ground for Cor. to Secs. 25, 26, 35 & 36 marked 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. alongside

*Land rolling.**Soil 3rd. rate**Vegetation bunchgrass & sagebrush*

Township 22 N. Range 25 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 39'

East.

Over rolling land.

40.00

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

52.50

Leave rolling land and ascend.

50.14

Intersect Q.B. of Tp. 22 1ks South of cor. to secs.
previously set by me.

S. 50.01.06 from which corner, I run

S. 89° 4' W. on a true line, between sections 25 & 36

Variation 14° 39' East.

40.07

Set a sand stone 20 x 10 x 8 ins., 15
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, 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

50.14

The corner to sections 25, 26, 35 & 36

Land rolling and mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

BOOK 439

3

Township

22

Range

25

8

Gila and Salt River

Meridian.

Chains

North, between Sections 25 and 26.

Variation

14° 09'

East.

Over rolling land.

40.00

Set a sand stone 2 x 10 x 8 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

74.00

Enter Valley, bears, N. E. & S. W.

80.00

Set a sand stone 2 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 23, 24, 25 & 26 marked 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. alongside

Land rolling, and level.

Soil *Ind.* rate

Vegetation bunch grass & sagebrush

Township 22 N. Range 25 E.

Gila and Salt River Meridian.

Chains

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

Variation 14°39' East.

Over level land

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

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

79.92 Intersect C.B. of Tp. 34 1/2 m. South of cor. to secs. previously set by me.

19.24.25 S. W. from which corner, I run

189°45' on a true line, between sections 24 & 25

Variation 14°39' East.

39.96 Set a sand stone 17 x 15 x 5 ins., 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

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

Land rolling.

Soil Prot. rate

Vegetation timbergrass & sagebrush

Township

22

N. Range

25

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 39'

East.

Over level land

44.00

Set a sand stone $12 \times 12 \times 4$ ins., 8 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

66.00

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

80.00

Set a sand stone $20 \times 12 \times 4$ ins. 15 ins. in the ground for Cor. to Secs. 13, 14, 23 & 24 marked with } notches on S. and / 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. alongside

Land level and rolling.

Soil Ind. rate

Vegetation bunchgrasses & sagebrush

Township

22

N. Range

25

E.

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Descend.

10.00

Enter Le Croix Valley, bear N. E. & N.

40.00

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

79.68

Intersect C.B. of Tp. 9 1ks. South of cor. to secs.
previously set by me.

N. 15. 19 & 24 from which corner, I run

S. 89° 36' W on a true line, between sections 13 & 24

Variation 14° 39' East.

39.84

Set a sand stone 20 x 10 x 10 ins., 10
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone. alongside Pits
impracticable.

79.68

The corner to sections 13, 14, 23 & 24

Land level.

Soil 3rd. rate

Vegetation bunchgrass + sagebrush

Dec. 25. 1882

Township 22 N. Range 25 E
 Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.

Variation $14^{\circ}39'$ East.

Ascend.

40.00 Set a sand stone $17 \times 12 \times 10$ ins., 12 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., 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

80.00 Set a sand stone $15 \times 10 \times 8$ ins. 10 ins. in the ground for Cor. to Secs. 11, 12, 13, & 14 marked with $\frac{1}{4}$ notch 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. alongside

Land rolling.

Soil Ord. rate

Vegetation timbergrass & sagebrush

Township

22

N. Range

25

E⁸

Gila and Salt River

Meridian.

Chains

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

Variation

14°39'

East.

Over rolling land.

40.00

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

79.83

Intersect C.B. of Tp. 23 1/2 mls North of cor. to secs.
 previously set by me.
 7.12.13 & 18 from which corner, I run

N. 89°58' W on a true line, between sections 12 & 13

Variation 14°39' East.

39.92

Set a sand stone 20 x 10 x 5 ins., N
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, dug pits, 18 x 18 x 12 ins., E. and W. of stone
 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,
 3 1/2 ft. base. alongside

79.83

The corner to sections 11, 12, 13 & 14

Land rolling.

Soil 1st. rate

Vegetation bunchgrass & sagebrush

Township 22 N Range 25 E
Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation 14° 59' East.

Ascend.

40.00

Set a sand stone N x 12 x 6 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

70.00

Enter Timber, Bears. S. & W.

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. 25 E., S. 12 on S. E. S. 11 on S. W. and S. 2 on N. W. face, with V notches on S. and / 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.

from which

A Juniper 7 ins. diam. bears N 20° W. 83 lks. dist. marked T. 22 N. S. 1, B. T.

No other trees within limits.

Land mountainous

Soil 3rd. rate.

Timber of Juniper
Vegetation bunchgrass & sagebrush

Township 22 N. Range 25 ENo. 439

Gila and Salt River Meridian.

Chains

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

Variation

14° 39'

East,

Descend.

- 1.00 Leave Mesa land bears N. & S. and through scattering timber
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.24 Intersect O.B. of Tp. 17 $\frac{1}{4}$ k. South of cor. to secs. 1, 6, 7 & 12 ^{previously set by me.} from which corner, I run S. 89° 53' W. on a true line, between sections 1 & 12
Variation 14° 39' 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. 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 14 ins. diam. bears N 51° E 47 k. dist. marked $\frac{1}{4}$ S. B. T.
- No other trees within limits.
- 80.20 The corner to sections 1, 11 & 12
Land mountainous
Soil good rate.
Timber of Juniper
Vegetation Bunchgrass + Sage brush

Township

22

N. Range

25

6

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Over rolling land.

40.00

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

80.24

Intersect N.B. of Tp. 37 Nks. West of cor. to secs.
previously set by me.
1.2.30 & 36 from which corner, I run

S. 16' N. on a true line, between sections 1 & 2

Variation 14° 39' 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 $\frac{1}{2}$ 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.

80.24

The corner to sections 1.2.11 & 12

Land rolling.

Soil 3rd. rate.

Timber of Juniper

Vegetation bunchgrass & sagebrush

Township

22

Range

25 E

Gila and Salt River Meridian.

From the corner to sections, 2, 3, 34 & 35 previously set by me
 Chains *run* North, between Sections 34 and 35. *on S. 34 of Twp.*

Variation

14° 35'

East.

Ascend.

35.00

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

46.00

Set a *sand* stone $12 \times 10 \times 8$ ins., 8
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ 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

55.00

Enter Valley, bears, *E* & *W.*

80.00

Set a *sand* stone $20 \times 10 \times 6$ ins. 15 ins. in
 the ground for Cor. to Secs. 26, 27, 34 & 35 marked
 with 1 notch on *S.* and 2 notches on *E.* edges, 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. alongside

Land rolling.

Soil *3rd.* rateVegetation *brushgrass* & *sagebrush*

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

4° 39'

East.

Over level land

28.00 Leave Valley, bears N. & E. and ascend.

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

80.41 Intersect N. & S. line, 39 lks. North of cor. to secs.

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

N. 89° 43' W. on a true line between sections 26 & 35

Variation 14° 39' East.

40.21 Set a sand stone 10 x 10 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

80.41 The corner to sections 26, 27, 34 & 35

Land rolling.

Soil *sid.* *rate*Vegetation *linchgrass* & *sagebrush*

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

North, between Sections 26 and 27.

Variation

14° 39'

East.

Over level land

40.00

Set a sand stone $13 \times 10 \times 8$ ins., 8 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

80.00

Set a sand stone $12 \times 12 \times 8$ ins. 8 ins. in the ground for Cor. to Secs. 22, 23, 26 & 27 marked with 2 notches on S. and 2 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. alongside

Land level.

Soil *Ind.* rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Over level land

40.00

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

50.19

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

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

N. 89° 55' W. on a true line between sections 23 & 26

Variation 14° 39' East.

40.10

Set a sand stone 14 x 12 x 8 ins., 10
 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

80.19

The corner to sections 22, 23, 26 & 27

Land level.

Soil *red. raze*

Vegetation bunchgrass & sagebrush

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 39'

East.

Over level land

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

40.00 Set a sand stone 20 x 12 x 8 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

80.00 Set a sand stone 8 x 8 x 8 ins. 12 ins. in the ground for Cor. to Secs. 14. 15. 22 & 23 marked with 3 notches on S. and 2 notches on E. edges, 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 rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Dec. 26. 1882

Township

22

N. Range

35 E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Ascend.

20.00 Top of Hill bears N. & S. and
over high table land

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

58.00 Leave high land and descend.

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

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

$89^{\circ} 53'$ W. on a true line between sections 14 & 23

Variation $14^{\circ} 39'$ East.

40.27 Set a sand stone $12 \times 10 \times 8$ ins., 5
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

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

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

North, between Sections 14 and 15.

Variation

14°39'

East.

Descend.

10.50

Cross Wash, 200 yds. wide, Course *SW* and ascend.

40.00

Set a sand stone $14 \times 12 \times 10$ 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. alongside

80.00

Set a sand stone $14 \times 12 \times 8$ ins. 10 ins. in the ground for Cor. to Secs. 10, 11, 14 & 15 marked with ∇ notch on *S.* and \perp 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. alongside

Land mountainous.

Soil *fr.* *rate*

Vegetation bunchgrass & sagebrush

Township

22

Range

25

6

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Descend.

19.00 Cross Wash, 200 yds. wide, Course S 10° W and ascend.

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

79.94 Intersect N. & S. line, 32 yds North of cor. to secs.

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

N 89° 46' W. on a true line between sections 11 & 14

Variation 14° 39' East.

39.97 Set a sand stone 12 x 10 x 6 ins., 8
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

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

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E.

Gila and Salt River

Meridian.

Chains

North, between Sections 10 and 11.

Variation

14° 39'

East.

Ascend.

22.00

Enter Timber, Bears. *E. & W.*

29.00

Leave Timber, Bears. *E. & 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.

80.00

Set a *sand* stone $12 \times 10 \times 6$ ins. 8 ins. in the ground for Cor. to Secs. 2, 3, 10 & 11 marked with \int notch on S. and \mathcal{L} 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. alongside

Land mountainous

Soil *Ind.* rate.Timber of *Juniper*Vegetation *bunchgrass & sagebrush*

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Over rolling land.

20.00

Cross Wash, 200 lks. wide, Course South

40.00

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

00.00

Enter Timber, Bears. N. & S.

79.73

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

12.11 & 12 from which corner, I run

N 89° 37' W. on a true line between sections 2 & 11

Variation 14° 39' East.

39.87

Set a sand stone 2 x 10 x 8 ins., 8 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

79.73

The corner to sections 2, 3, 10 & 11

Land rolling.

Soil 3rd rate.

Timber of Juniper

Vegetation bunchgrass & sagebrush

Township

22

BOOK 439

N. Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14°39'

East.

Over rolling land.

31.00

Enter Timber, Bears. N.E. + S.W.

40.00

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

79.68

Intersect N.B. of Tp. 22 $\frac{1}{4}$ m. East of cor. to secs.
previously set by me.

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

S. 9° 0' on a true line, between sections 2 & 3

Variation 14°39' East.

39.68

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., 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.

79.68

The corner to sections 2, 3, 10 & 11

Land rolling.

Soil 3rd. rate.

Timber of Juniper

Vegetation bunchgrass & sagebrush

Township 22 N. Range 25 EGila and Salt River 20. Meridian.~~From the corner to sections, 2, 7, 23 & 27, previously set by me.~~Chains 2000 North, between Sections 33 and 34.Variation 14° 35' East.

Over level land

40.00 Set a sand stone $14 \times 12 \times 8$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, 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

80.00 Set a sand stone $14 \times 12 \times 10$ ins., 10 ins. in the ground for Cor. to Secs. 27, 28, 33 & 34 marked with / notch on S. and \ 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. alongside

Land level.

Soil red. rawVegetation bunchgrass & sagebrush

Township

22

Ch. Range

20

S.

Gila and Salt River Meridian.

Chains

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

Variation

14°39'

East.

Over level land

40.00

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

79.80

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

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

N. 89°30' W. on a true line between sections 27 & 34

Variation 14°39' East.

79.90

Set a sand stone 16 x 13 x 9 ins., 10 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, dug pits, 18 x 18 x 12 ins., S. 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.

79.80

The corner to sections 27, 28, 33 & 34

Land level.

Soil *Red* *rope*

Vegetation bunchgrass & sagebrush

Township 22 N. Range 25 E

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation 14° 39' East.

Over level land

40.00 Set a sand stone $14 \times 22 \times 4$ 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. alongside

57.00 Cross Wash, 15 lks. wide, Course S. W.

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

80.00 Set a sand stone $15 \times 22 \times 8$ ins., 10 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28 marked with 2 notches on S. and 3 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. alongside

Land level.

Soil 3rd. rats

Vegetation bunchgrass & sagebrush

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

Dec. 27, 1882

Township

22

N. Range

20

Gila and Salt River Meridian.

Chains

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

Variation

14° 39'

East.

Over rolling land.

10.00 Descend into Valley between N.E. & S.W.

23.80 Cross Wash, 25' lks. wide, Course S.W.

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

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

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

N. 89° 47' W. on a true line between sections 22 & 27

Variation 14° 39' East.

139.93 Set a sand stone 16 x 9 x 5 ins., 10

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

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

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

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

Land level.

Soil *red.* rate

Vegetation bunchgrass & sagebrush

Township 22 N. Range 20 E

Gila and Salt River Meridian.

Chains North, between Sections 21 and 22.

Variation $14^{\circ} 59'$ East.

Ascend.

5.10 From this point Tanner's Springs
bear West 6.40 chs. dist. and Rose 11 chs. dist.

35.10 Top of Mesa land, leave N. E. & S. W.

40.00 Set a sand stone $12 \times 11 \times 10$ ins., 8
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

80.00 Set a sand stone $14 \times 12 \times 10$ ins. 10 ins. in
the ground for Cor. to Secs. 15, 16, 21 & 22 marked
with \int notches on S. and \int 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. alongside

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains	East, on a random line between Sections 15 and 23.
	Variation $14^{\circ}39'$ East.
	Over high table land
40.00	Set temporary $\frac{1}{4}$ sec. cor.
57.00	From this point a House bears $S 29^{\circ}14' E$ 21.00 chs. dist.
58.00	leave high table land and descend.
70.00	Gross Wash, 200 lks. wide, Course South and ascend.
79.50	Intersect N. & S. line, 17 lks. North of cor. to secs. 14, 15, 22 & 23 from which corner, I run $N 89^{\circ}53' W$. on a true line between sections 15 & 22 Variation $14^{\circ}39'$ East.
39.75	Set a sand stone $14 \times 12 \times 8$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on 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
79.50	The corner to sections 15, 16, 21 & 22 Land rolling and mountainous. Soil <i>Ind.</i> rate Vegetation bunchgrass & sagebrush

Township 22 N Range 25 E

Gila and Salt River Meridian.

Chains North, between Sections 15 and 16.

Variation 14°39' East.

Over rolling land.

40.00 Set a sand stone 14 x 12 x 3 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

80.00 Set a sand stone 7 x 2 x 5 ins., 12 ins. in the ground for Cor. to Secs. 9, 10, 15 & 16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land rolling.

Soil 3rd rate

Vegetation bunchgrass & sagebrush

Township 22 N Range 25 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}39'$ East.

Over rolling land.

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

40.00 Set temporary $\frac{1}{2}$ sec. cor.79.69 Intersect N. & S. line, 40 Wks. South of cor. to secs.
10, 11, 14 & 15 from which corner, I run $S. 89^{\circ}43'$ W. on a true line between sections 10 & 15
Variation $14^{\circ}39'$ East.39.85 Set a sand stone $12 \times 10 \times 8$ ins., 8
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ 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

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

Land rolling.

Soil *lv.* ^{rate}

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E.

Gila and Salt River

Meridian.

Chains

North, between Sections 9 and 10.

Variation

14° 39'

East.

Over rolling land.

40.00

Set a sand stone $14 \times 12 \times 6$ 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. alongside

80.00

Set a sand stone $8 \times 10 \times 8$ ins. 12 ins. in the ground for Cor. to Secs. 9 & 10 marked with \int notches on S. and $\} 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. alongside$

Land rolling.

Soil *ld* *rate*

Vegetation bunchgrass & sagebrush

Township 22 N. Range 25 S.

Gila and Salt River Meridian.

Chains

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

Variation

14°39'

East.

Over rolling land.

27.00 From this point a cabin bears South 1.00 ch. dist.

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

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

3 & 10 & 11 from which corner, I run

S. 89°55' W. on a true line between sections 3 & 10

Variation 14°39' East.

39.94 Set a sand stone 14 x 12 x 10 ins., 10 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., S. 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

79.88 The corner to sections 3, 4, 9 & 10

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township 22 Range 25 8

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}39'$ East.

Over rolling land.

22.00 Leave Mesa land, leave N.E. $\frac{1}{4}$ and descend.40.00 Set temporary $\frac{1}{4}$ sec. cor.79.87 Intersect N.B. of Tp. 14 $\frac{1}{2}$ m. East of cor. to secs.
previously set by me.

3. 4. 33 & 34 from which corner, I run

S. 6' $\frac{1}{2}$ on a true line between sections 3 & 4Variation $14^{\circ}39'$ East.39.87 Set a sand stone $12 \times 10 \times 6$ ins., $8\frac{1}{2}$
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

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

Land rolling.

Soil ld. rate

Vegetation bunchgrass & sagebrush

Dec. 28, 1882

Township

22

N. Range

25

E.

on S. 1/2 Sec of 25.

Gila and Salt River Meridian.

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

Chains Run North, between Sections 32 and 33.

Variation

14° 39'

East.

Over level land

37.00

Cross Wash, 10 fks. wide, Course S.W.

40.00

Set a sand stone 8 x 8 x 8 ins., 6

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

face, dug pits, 18 x 18 x 12 ins., N. and S. of stone

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

3 1/2 ft. base. alongside

48.00

Leave Valley, bears N. 75° E. & S. 75° W. and ascend.

80.00

Set a sand stone 20 x 12 x 10 ins. 15 ins. in

the ground for Cor. to Secs. 28, 29, 32 & 33 marked

with / notch on S. and 4 notches on E. edges, dug pits

18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a

mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land rolling, and level.

Soil 2d. rate

Vegetation bunchgrass & sagebrush

Township 22 N. Range 25 E
Gila and Salt River Meridian.

Chains

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

Variation 14° 09' East.

Over level land

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

50.00 Descend into Valley, bears N 13 $\frac{1}{2}$ ° E. & S 15 $\frac{1}{2}$ ° W.

59.00 Cross Wash, 50 lks. wide, Course SW

79.73 Intersect N. & S. line, 17 lks. South of cor. to secs.

27.28, 33.44 from which corner, I run

S. 89° 53' W. on a true line between sections 28 & 33

Variation 14° 09' East.

39.87 Set a sand stone 13 x 11 x 8 ins., 8 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

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

Land level and rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township 22 N Range 25 E

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation $14^{\circ} 39'$ East.*Ascend.*

40.00 Set a sand stone $12 \times 11 \times 10$ ins., 8 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

80.00 Set a sand stone $18 \times 8 \times 8$ ins. 12 ins. in the ground for Cor. to Secs. 20, 21, 28 & 29 marked with 2 notches on S. and 4 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. alongside

*Land rolling.**Soil 3rd. rate**Vegetation bunchgrass & sagebrush*

Township

22

Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Over high land

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

46.00 Edge of Hill, bears N. E. + S. W.

80.10 Intersect N. & S. line, 29 lks. South of cor. to secs.

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

S. 89° 48' W. on a true line between sections 21 & 28

Variation 14° 39' East.

40.45 Set a sand stone 18 x 8 x 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on face, dug pits, 18 x 18 x 12 ins., and 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

80.10 The corner to sections 20, 21, 28 & 29

Land rolling and mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 39'

East.

Ascend.

17.00

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

40.00

Set a sand stone 19 x 15 x 6 ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

57.20

Cross Wash, 50 lks. wide, Course to Sec. 20 ascend.

80.00

Set a sand stone 17 x 12 x 4 ins. 12 ins. in the ground for Cor. to Secs. 16, 17, 20 & 21 marked 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. alongside

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township 22 N. Range 25 E.
Gila and Salt River Meridian.

Chains

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

Variation

14° 39'

East.

Ascend.

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

40.00 Set temporary $\frac{1}{2}$ sec. cor.80.34 Intersect N. & S. line, 13 lks. North of cor. to secs.
15, 16, 21 & 22 from which corner, I runN. 89° 54' W. on a true line between sections 16 & 21
Variation 14° 39' East.40.17 Set a sand stone 18 x 16 x 5 ins., 12
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, dug pits, 18 x 18 x 12 ins., E. and W. of stone
 $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base. alongside

80.34 The corner to sections 16, 17, 20 & 21

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25

8⁴⁰

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 39'

East.

Descend.

40.00

Set a sand stone $10 \times 10 \times 7$ 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. alongside

80.00

Set a sand stone $10 \times 10 \times 6$ ins. 8 ins. in the ground for Cor. to Secs. 8, 9, 16 & 17 marked with 4 notches on S. and 4 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. alongside

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 59'

East.

Over rolling land.

40.00

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

50.52

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

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

S. 89° 49' W. on a true line between sections 9 & 16

Variation, 14° 59' East.

40.26

Set a sand stone 10 x 10 x 4 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., S. 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

50.52

The corner to sections 8, 9, 16 & 17

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Dec. 29, 1882

Township

22

N Range

20

E

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation

14° 39'

East.

Descend.

40.00 Set a sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

46.00 Leave table land and descend.

49.50 Enter Valley, bears, N. E. + S. W.

80.00 Set a sand stone 18 x 8 x 8 ins. 12 ins. in the ground for Cor. to Secs. 4, 5, 8 + 9 marked with J 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. alongside

Land rolling. and level.

Soil 3rd. rate

Vegetation bunchgrass + sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Ascend.

40.00

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

44.00

Top of mesa land lease No. 10 & 11

79.98

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

3.4.9 & 10 from which corner, I run

S. 89° 50' W. on a true line between sections 4 & 9

Variation 14° 39' East.

59.99

Set a sand stone 12 x 10 x 8 ins., 5
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, dug pits, 18 x 18 x 12 ins., E. and W. of stone
 5½ ft. dist., and raised a mound of earth 1½ ft. high,
 3½ ft. base. alongside

79.98

The corner to sections 4, 5, 8 & 9

Land rolling.

Soil 3rd rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E 44

Gila and Salt River Meridian.

Chains

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

Variation

14° 39'

East.

Descend.

33.00

Cross Gulch, 50 lks. wide, Course West and ascend.

40.00

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

46.20

Top of Hill bears S & W. and descend.

50.09

Intersect N.B. of Tp. 32 lks. East of cor. to secs.
previously set by me.

45.32 & 43.3 from which corner, I run

S. 14' S. on a true line, between sections 4 & 5

Variation 14° 39' East.

40.09

Set a sand stone $2 \times 10 \times 8$ ins., 8
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ 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

50.09

The corner to sections 4, 5, 8 & 9

Land mountainous.

Soil 3rd. rats

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

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

1435'

East.

Over level land

40.00 Set a sand stone 13 x 12 x 6 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

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

80.00 Set a sand stone 18 x 15 x 10 ins., 12 ins. in the ground for Cor. to Secs. 29, 30, 31 & 32 marked with / notch on S. and / 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 level, and rolling.

Soil *3rd* rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25

E

Gila and Salt River Meridian.

Chains

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

Variation

14°39'

East.

Along on S. slope of Hill

40.00

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

79.85

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

28.29.32 & 33 from which corner, I run

N. 89°53' W. on a true line between sections 29 & 32

Variation 14°39' East.

39.93

Set a sand stone 17 x 16 x 12 ins., 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 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

79.85

The corner to sections 29.30.31 & 32

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Ascend.

3.30 Top of Hill bears N. & E. and descend.

21.80 Cross Gulch, 50 lks. wide, Course South and ascend.

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

79.44 Intersect W.B. of Tp. 49 lks. South of cor. to secs.

20, 30, 31 & 32 which is a

sand stone 13 x 12 x 8 ins. set firmly

in the ground marked

with 1 notch on S. and 5 notches on E. edges,

with pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. andwith a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base.

from which corner. Run

S. 89° 39' E. on a true line, between sections 30 & 31

Variation 14° 39' East.

39.44 Set a sand stone 10 x 10 x 5 ins., 10 ins.

in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face,dug pits 18 x 18 x 12 ins., S. 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

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

Land hilly.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25

6⁴⁸

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation $14^{\circ}39'$ East.

Ascend.

40.00

Set a sand stone $8 \times 8 \times 8$ ins., 6 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

80.00

Set a sand stone $13 \times 12 \times 10$ ins. 8 ins. in the ground for Cor. to Secs. 19. 20. 29 & 30 marked with Notches on S. and 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. alongside

Land rolling,

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25



Gila and Salt River

Meridian.

Chains

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

Variation

14°39'

East.

*Ascend.*40.00 Set temporary $\frac{1}{2}$ sec. cor.58.00 Top of Hill bears N. $\frac{1}{2}$ E. and descend.

79.96 Intersect N. & S. line, 39 lks. North of cor. to secs.

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

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

Variation 14°39' East.

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

79.96 The corner to sections 19, 20, 29 & 30

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

Range

25

E

Gila and Salt River

Meridian,

Chains

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

Variation

14° 09'

East.

Descend.

40.00

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

79.13

Intersect N.B. of Tp. 9 1/2 m. South of cor. to secs.

19, 24, 25 & 30 which is a

sand stone 20 x 12 x 8 ins. set firmly
in the ground, marked
with 2 notches on S. and 4 notches on N. edges,
with pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and
with a mound of earth 2 ft. high, 4 1/2 ft. base. along ridge
from which corner, I run

S. 79° 56' On a true line, between sections 19 & 30

Variation

14° 09'

East.

39.13

Set a sand stone 14 x 10 x 6 ins., 10 ins.

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

dug pits 18 x 18 x 12 ins., E and W. of stone 5 1/2

ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2

ft. base alongside

79.13

The corner to sections 19, 20, 29 & 30

Land rolling.

Soil good rate

Vegetation bunchgrass & sagebrush

Township S. 2 N. Range 25 E
Gila and Salt River Meridian.

Chains North, between Sections 19 and 20.
Variation 14° 29' East.

Ascend.

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

33.60 Cross Gulch, 25 fks. wide, Course West and ascend,

40.00 Set a sand stone 11 x 10 x 7 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 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

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

80.00 Set a sand stone 6 x 10 x 9 ins. 10 ins. in the ground for Cor. to Secs. 17, 18, 19 & 20 marked with) notches on S. and) 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 mountainous.

Soil Prod. rate

Vegetation bunchgrass & sagebrush

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

Dec 10, 1872

Township

22

N. Range

25

E. 52

Gila and Salt River

Meridian.

Chains

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

Variation

14° 09'

East.

Ascend.

40.00

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

80.07

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

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

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

Variation 14° 09' East.

40.04

Set a sand stone 12 x 10 x 8 ins., 8
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, 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

80.07

The corner to sections 17-18-19 & 20

Land mountainous.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

32

N. Range

25

E.

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Descend.

40.00

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

79.29

Intersect W.B. of Tp. 17 Nks. North of cor. to secs.

13, 18, 19 & 24 which is a

sand stone 15 x 12 x 8 ins. set firmly
in the groundmarked
with \int notches on S. and \int notches on N. edges,with pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and
with a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base. alongside

from which corner, I run

N. 89° 53' On a true line, between sections 18 & 19

Variation

14° 39'

East.

39.29

Set a sand stone 14 x 10 x 6 ins., 10 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

79.29

The corner to sections 17, 18, 19 & 20

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 39'

East.

Over mesa land

40.00

Set a sand stone $14 \times 12 \times 8$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, 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

54.00

Leave mesa land

60.00

Foot of Mesa, leave N.E. & S.W. and over Valley

80.00

Set a sand stone $6 \times 12 \times 10$ ins., 10 ins. in the ground for Cor. to Secs. 7, 8, 17 & 18 marked with 4 notches on S. and 4 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. alongside

Land rolling.

Soil Prod. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains

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

Variation

14°39'

East.

Over level land

13.00

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

40.00

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

79.73

Intersect N. & S. line, 18 lks North of cor. to secs.
8, 9, 16 & 17 from which corner, I run

N. 89° 52' W. on a true line between sections 8 & 17.

Variation 14°39' East.

39.87

Set a sand stone 12 x 11 x 7 ins., 8
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

79.73

The corner to sections 7, 8, 17 & 18

Land rolling.

Soil *good* rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

35

E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Over level land

20.00

From this point a cabin, coral and corn patch containing about 10 acres, bears South, 4 chs. dist.

40.00

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

43.00

Foot of Mesa, bears N. & S.

45.50

Top of Mesa, bears N. & S.

79.08

Intersect W.B. of Tp. 4 Nks. North of cor. to secs.

7, 12, 13 & 18 which is a

Sand stone 20 x 20 x 8 ins. set firmly in the ground for $\frac{1}{2}$ Sec. Cor., marked

with 4 notches on S. and 2 notches on N. edges,

with pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and

with mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base.

from which corner, I run

N. 89° 38' on a true line, between sections 7 & 18

Variation

14° 39'

East.

39.08

Set a sand stone 17 x 13 x 8 ins., 12 ins.

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

dug pits 18 x 18 x 12 ins., S. 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

79.08

The corner to sections 7, 8, 17 & 18

Land rolling.

Soil 3rd. rate Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 55'

East.

Over level land

40.00

Set a sand stone $12 \times 10 \times 10$ ins., 8 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

80.00

Set a sand stone $14 \times 10 \times 6$ ins., 10 ins. in the ground for Cor. to Secs. 5, 6, 7 & 8 marked with V notches on S. and V 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. alongside

Land level.

Soil 3rd rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

Gila and Salt River

Meridian.

Chains

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

Variation

14° 55'

East.

Over level land

- 17.00 Leave Valley, bears N. & S. and ascend.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 58.00 Top of Hill bears N. & S. and descend.
 80.22 Intersect N. & S. line, 27 lbs. North of cor. to secs.
 4.5.8 & 9 from which corner, I run
 N. 89° 48' W. on a true line between sections 5 & 8
 Variation 14° 55' East.

- 40.11 Set a sand stone 13 x 11 x 6 ins., 8
 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

- 80.22 The corner to sections 5, 6, 7 & 8

Land level and mountainous.

Soil 3rd rate

Vegetation bunchgrass & sagebrush

Township 22

N. Range

25 E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 39'

East.

Over level land

21.00 To a point 200 chs. N. of Cabin & Corral,
also a corn field containing about 5 acres

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

67.00 Leave Valley, bears N. $\frac{1}{2}$ E. and ascend.

78.69 Intersect W.P. of Tn. 12 1ks. South of cor. to secs.

1. 6. 7 & 12

which is a stone 18 x 8 x 8 ins. set firmly
in the ground for $\frac{1}{2}$ Sec. Cor. marked
with 5 notches on S. and 1 notch on N. faces,
with pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and
with a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. along side
from which corner, I run

45° 9' 00" On a true line, between sections 6 & 7

Variation 14° 39' East.

38.69 Set a sand stone 20 x 13 x 3 ins., 15 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

78.69 The corner to sections 5. 6. 7 & 8

Land rolling.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

Township

22

N. Range

25

E

Gila and Salt River Meridian.

Chains

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

Variation

14° 39'

East.

Over level land

40.00

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

79.90

Intersect N.B. of Tp. 13 1/2 kts. East of cor. to secs.

S. 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° 39' East.

39.93

Set a sand stone 12 x 10 x 6 ins., 8
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
face, dug pits, 18 x 18 x 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

79.93

The corner to sections S. 6. 7 & 8

Land level.

Soil 3rd. rate

Vegetation bunchgrass & sagebrush

June 1, 1883

I carefully examined
the adj. instruments

GENERAL DESCRIPTION:

The land in this Township is generally rolling

The soil is 3rd rate.

The vegetation consists of bunchgrass and sagebrush.

There is scattering timber of Juniper in the eastern part of the Township.

It is well adapted to grazing purposes
Tanner's house and spring is situated in S. E. 1/4 of Sec. 31.

There are also four other settlers in the Township in sections 10, 22, 7 & 18

Those in sections 7 & 18 have improvements and considerable land under cultivation

For final notes
see book No. 15 -

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. & 25 E.

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

ted by

Frank Follman

Deputy Surveyor, under his contract of the

31st

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.

M. Ross
Surveyor General.