

*Platted
Amended*

Book No. ~~11~~

Walter Smith Deputy Surveyor.

T. *19 N.* R. *27 E.*

Gila and Salt River Meridian.

No 337

BOOK 337

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *19 N.* Range *27 E.*

Gila and Salt River Meridian.

BY

Walter Smith Deputy Surveyor.

Under his Contract of *July 25th* 188*2*

Survey Commenced *Dec 12th* 188*2*

Survey Completed *Dec 22nd* 188*2*

No-337

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337

Milton Santee Deputy Surveyor.

T. *19 N.* R. *27 E.*

Gila and Salt River Meridian.

No. 337
FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *19 N.* Range *27 E.*

Gila and Salt River Meridian.

BY

Milton Santee Deputy Surveyor.

Under his Contract of *July 25* 188*2*.

Survey Commenced *Dec 13* 188*2*

Survey Completed *Dec 22* 188*2*

Platted,

Copied for Washington,

Copied for Register,

A 1B

BOOK 337

Township 19 North, Range 27 East
Gila and Salt River Basins 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
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

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

..... Meridian.

Township

Range

Meridian.

No-337

For preliminary plat
and description of
instrument see Book
No. 1

Survey made with Burr's Patent Improved Solar
Compass, nearly new, and in first rate order. Made
by Otto Benzel of Basel
Germany in 1881

¹D Township 19 A. Range 27 E
 (See previous page.) Gila and Salt River Meridian.

Chains

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

Variation 44° 00' East.

Descend.

46.00 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. 25, 30, 35, 36
 marked T, 19 N. S. 25, on N, E, R, 27 E, S. 36
 on S, E, S, 36 on S, W, and S, 36 on N, W, face
 with 1 notch 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 2nd rate

Vegetation Grass,

Timber of Cedar.

Township 19 N. Range 27 E.
Gila and Salt River Meridian.

Chains

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

Variation 14' 8' East.

Descend.

38.60 Cross Gulch, 6' lks. wide, Course N. 20' E. 20' and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.49.40 Top of Spur, bears N. 20' E. 20' and descend.55.00 Cross Gulch, 11 lks. wide, Course N. 20' E. 20' and ascend.62.80 Top of Spur, bears N. 20' E. 20' and descend.80.28 Intersect E. B. of Tp. 57 lks. N. of cor. to secs.
previously set by me.

26.30. 31.36 from which corner, I run

S. 89° 30' N. on a true line, between sections 25 & 36Variation 14° 10' East.

40.14 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.

80.28 The corner to sections 25. 26. 35. 36

Land mountainous.

Soil 2nd rateVegetation Grass.

Township 19 N.

Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation

14° 8'

East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ 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.

60.00

Cross Gulch, 6 lks. wide, Course N.E. and ascend.

74.00

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

30.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 25, 24, 26, 26 marked T, 19 N. S., 24, on N, E, R, 27 E., S. 26 on S, E, S, 26 on S, W, and S, 26 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 mountainous.

Soil 2nd rate

Vegetation Grass.

Chains

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

Variation 44° 8' East.

Ascend.

- 7.00 Top of Ridge, bears N. 30° E. & S. 30° W. and descend.
- 30.80 Cross Gulch, 5 lks. wide, Course N. E. and ascend.
- 36.60 Top of Ridge, bears N. E. & S. W. and descend.
- 40.00 Set temporary 1/4 Sec. Cor.
- 58.00 Cross Gulch, 10 lks. wide, Course N. 60° E. and ascend.
- 60.00 Top of Ridge, bears N. E. & S. W. and descend.
- 79.73 Intersect C. B. of Tp. 12 lks. N. of cor. to secs. previously set by me.

19.24.25.30 from which corner, I run N. 59° 55' W. on a true line, between sections 24 & 25

Variation 14° 10' East.

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

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

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

BOOK 337

Gila and Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation

11° 8'

East.

Ascend.

40.00

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

72.00

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

0.00

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, 13 N. S. 13, on N, E, R, 23 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 mountainous.

Soil

3rd

rate

Vegetation

Grass.

Dec. 13. 1882

Township 19 N Range 27 E
BOOK 337 Gila and Salt River Meridian.

Chains

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

Variation 14° 8' East.

Ascend.

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

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

74.96 Intersect S. B. of Tp. 29 lks. S. of cor. to secs.

13. 18. 19. 21 from which corner, I run
previously set by me.

S. 59° 48' W. on a true line, between sections 13 & 24

Variation 14° 10' East.

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

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

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township 19 N.

Range 27 E.

Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.

Variation $111^{\circ} 8'$ East.*Descend.*

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

42.10 Cross Gulch, 10 fks. wide, Course E. and ascend.

48.70 Top of Ridge, bears N. 30° W. δ 30° E. and descend.

30.00 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, 19 N. S, 12, on N, E, R, 27 E. S. 13
on S, E, S, 14 on S, W, and S, 11 on N, W, face
with 4 notches on S, and 1 notch on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
around post.

Land mountainous.

Soil good rate

Vegetation Grass.

Township

19 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 8'

East.

Ascend.

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

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

80.24 Intersect E. B. of Tp. 21 Nks. S. of cor. to secs.

previously set by me.

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

S. 89° 57' W. on a true line, between sections 12 & 13

Variation

14° 10'

East.

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

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

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

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

80.24 The corner to sections 11. 12. 13. 14

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 8'

East.

Descend.

13.90 Cross Gulch, 5 fks. wide, Course N. 40° E and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ 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.

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

66.80 Cross Road, Juni & Navajoe bear N. 80° E. & S. 80° W.

30.00 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, 19 N. S. 1, on N, E, R, 27 E, S. 12 on S, E, S, 11 on S, W, and S, 2 on N, W, face with 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.

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 27 E
Gila and Salt River Meridian.

Chains

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

Variation 14° 5' East.*Ascend.*16.00 Top of Ridge, bears N. 70° E & S. W. and descend.33.63 Cross Road, Quni & Navajo bears
N. 70° E & S. 70° W.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.92 Intersect S. B. of Tⁿ. 35 1/2 m. S. of cor. to secs.
*previously set by me.*1.0. 7. 12 \wedge from which corner, I runS. 89° 45' W. on a true line, between sections 1 & 12Variation 14° 10' East.

39.90 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., E. and 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.

77.92 The corner to sections 1, 2, 11, 12*Land mountainous.*Soil 2nd rateVegetation Grass

Township

19 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

11° 5'

East.

Descend.

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

80.62 Intersect N. B. of Tp. 19 lks. W. of cor. to secs.

1, 2, 35, 36 of 19 N. R. 27 E.

Which is a post 2 ft. long, 1 1/2 ins. square, with marked stone 12 ins. in the ground, marked T. N. S. 36 on N. E., R. 27 E., S. 1 on S. E., T. 19 N. S. 2 on S. W. and S. 35 on N. W. face, with 1 notch on E. and 3 notches in Widge, with pits 18 x 18 x 12 ins. on each Sec. 5 1/2 ft. dist. and a mound of earth 2 ft. high 4 1/2 ft. base around post from which corner, I run

1. 8' N. on a true line, between sections 1 & 2

Variation

11° 5'

East.

40.62 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 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

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

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township 19 N. Range 27 E.

Gila and Salt River Meridian.

From the corner to sections, 2, 3, 34 & 35 previously set by me.

Chains Ann North, between Sections 34 and 35.

Variation 14° 00' East.

Descend.

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

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, 19 N. S., 26, on N, E, R, 27 E. S. 35 on S, E, S, 34 on S, W, and S, 27 on N, W, face with) 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.

Land rolling.

Soil 2nd rate

Vegetation Grass.

Dec. 14. 1882

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 8'

East.

Ascend.

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

36.50 Cross Gulch, 10 fks. wide, Course N.E. and ascend.

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

80.10 Intersect N. & S. line, 8 fks. N. of cor. to secs.

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

N. 89° 57' W. on a true line between sections 26 & 36

Variation

14° 8'

East

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

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.

80.10 The corner to sections 26. 27. 34. 36

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 27 E
Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 14° 8' 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.

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, 19 N. S. 23, on N, E, R, 27 E, S. 26 on S, E, S, 27 on S, W, and S, 22 on N, W, face with 3 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rateVegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 5'

East.

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

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

62.00 Cross Gulch, 8 lks. wide, Course N. and ascend.

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

23.24.25.26 from which corner, I run

S. 89° 50' W. on a true line between sections 23 & 26

Variation

14° 8'

East

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

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

Land mountainous.

Soil *2nd* rate

Vegetation Grass.

Township 19 N.

Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $14^{\circ} 8'$ East.*Descend.*

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

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, 19 N.S., 14, on N, E, R, 27 E, S. 23 on S, E, S, 22 on S, W, and S, 15 on N, W, face with 3 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 5'

East.

Ascend.

- 38.50 Top of Ridge, bears N. 20° E. & S. 20° W. and descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 65.00 Cross Gulch, 10 lks. wide, Course N. 20° E. and ascend.
- 80.18 Intersect N. & S. line, 40 lks. N. of cor. to secs.
14. 15. 22. 24 from which corner, I run
N. 89° 43' W. on a true line between sections 14 & 23
Variation 14° 5' 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.
- 80.18 The corner to sections 14. 15. 22. 23
Land mountainous.
Soil 2nd rate
Vegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

14° 5'

East.

Descend.

- 8.00 Cross Gulch, 5' lks. wide, Course N. 65° E and ascend.
- 18.00 Top of Ridge, bears N. 55° E & S. 55° W and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ 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, 10, 11, 14, 15 marked T, 19 N, S, 11, on N, E, R, 27 E, S, 11 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.

*Land mountainous.**Soil 3rd rate**Vegetation Grass.*

Township

19 N.

Range

24 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 8'

East.

Ascend.

- 30.00 Top of Ridge, bears N. & S. and descend.
 38.60 Cross Gulch, 10 lks. wide, Course N. and ascend.
 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
 41.70 Top of Ridge, bears N. & S. and descend.
 79.82 Intersect N. & S. line, 63 lks. N. of cor. to secs.
 11. 12. 13. 14 from which corner, I run

N. ~~35~~ 35' W. on a true line between sections 11 & 14

Variation

14° 8'

East

- 3991 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.

79.82 The corner to sections 10. 11. 14. 16

Land mountainous.

Soil 2nd rate

Vegetation Grass.

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

Dec. 15. 1882

Township

19 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

11° 8'

East.

Ascend.

110.00

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.

13.80

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 2, 3, 10, 11 marked T, 19 N. S. 2, on N, E, R, 27 E. S. 11 on S, E, S, 10 on S, W, and S, 3 on N, W, 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.

Land mountainous.

Soil good rate

Vegetation Grass

Township

19 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

11° 8'

East.

Ascend.

- 1.70 Top of Ridge, bears N. E. & S. W. and descend.
- 24.06 Cross Road, Juni & Navajoe bear
N. 76° W. & S. 76° E.
- 36.00 Cross Gulch, 10 lks. wide, Course N. 76° W. and ascend.
- 40.00 Set temporary $\frac{1}{2}$ Sec. Cor.
- 79.69 Intersect N. & S. line, 14 lks. S. of cor. to secs.
1, 2, 11, 12 from which corner, I run
S. 89° 54' W. on a true line between sections 2 & 11
Variation 11° 8' East
- 39.84 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.
- 79.69 The corner to sections 2, 3, 10, 11
Land mountainous.
Soil good rate
Vegetation Grass.

Township 19 N Range 27 E
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Descend.*10.20 Cross Road, Navajo & Junibears N. $70^{\circ} W.$ & S. $70^{\circ} E.$ 40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

80.00 Intersect N. B. of Tp. 35 lks. E. of cor. to secs.

3. 3. 34. 36 ~~S. 19 N. R. 27 E.~~Which is a post-4 ft. long, 4 ins. square,
with marked stone 12 ins. in the ground,

marked S. 20 N. S. 35 on N. E. R. 27 E.

S. 2 on S. E., S. 19 N. S. 30 on S. W. and S.

34 on N. W. face, with 2 notches on E. and 4

notches on W. edges, with pits 18 x 18 x 12 ins.

in each, 5 $\frac{1}{2}$ ft. dist., and mound of earth 2 $\frac{1}{2}$ ft. high
4 $\frac{1}{2}$ ft. base and $\frac{1}{2}$ ft. post-
from which corner, I run

S. 16' E. on a true line, between sections 2 & 3

Variation $14^{\circ} 8'$ East.

110.40 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.

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

Land rolling.

Soil 2 $^{\circ}$ rate

Vegetation Grass.

Township

19 N.

Range

27 E.

Gila and Salt River Meridian.

From the corner to sections, ~~S. 4. 3 3 4 3 4~~ ^{S. 27 28 33 34} previously set by me.

Chains

Dunn North, between Sections 33 and 34.

Variation

14° 00'

East.

Descend.

- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 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, 19 N, S. 27, on N, E, R, 27 E, S. 34 on S, E, S, 33 on S, W, and S, 28 on N, W, face with 1 notch on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 27 E

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 27 and 34.	Variation	14° 8'	East.
	<i>Ascend.</i>			
18.00	Top of Spur, bears N. 20° E. 2.20 W. and descend.			
37.50	Cross Gulch, 9 lks. wide, Course N. 30° E. and ascend.			
40.00	Set temporary $\frac{1}{2}$ Sec. Cor.			
79.71	Intersect N. & S. line. 39 lks. N. of cor. to secs.			
76.27, 31.36	From which corner, I run			
	N. 89° 43' W. on a true line between sections 27 & 34			
		Variation	14° 8'	East
39.85	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.			
79.71	The corner to sections 27. 38. 33. 34			
	Land mountainous.			
	Soil 3 rd rate			
	Vegetation Grass.			

Township 19 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation 11° 8' East.

Descend.

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

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, N, S, 22, on N, E, R, 27, 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 rolling.

Soil 2nd rate

Vegetation Grass.

Township 19 N. Range 27 E.

Mount Diablo Meridian.

Chains

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

Variation 14° 8' East.

Descend.

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

65.00 Cross Gulch, 10 lks. wide, Course N. and ascend.

79.42 Intersect N. & S. line, 57 lks. N. of cor. to secs.

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

N. 89° 38' W. on a true line between sections 22 & 27

Variation 14° 8' East

79.71 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.

79.462 The corner to sections 21, 22, 27, 28

Land rolling.

Soil 20⁰⁰ rate

Vegetation Grass

Dec. 16. 1882

Township

19 N

Range

37 E

Mount Diablo Meridian.

Chains

North, between Sections 21 and 22.

Variation

114° 8'

East.

Ascend.

40.00

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 15, 16, 21, 22 marked T, 19 N. S. 15, on N, E, R, 21 E, S. 22 on S, E, S, 21 on S, W, and S, 16 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 rolling.*Soil *good* rateVegetation *Grass.*

Township 19 N Range 27 E

Mount Diablo Meridian.

Chains

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

Variation 14° 8' East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.57.00 A House bears N. 20° E. 10 lks. dist.

61.20 Cross Gulch, 10 lks. wide, Course N. and ascend.

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

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

N. 89° 54' W. on a true line between sections 15 & 22Variation 14° 8' 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.

79.80 The corner to sections 15. 16. 21. 22

Land rolling.

Soil 2nd rateVegetation Grass.

Township

19 N

Range

27 E

Mount Diablo Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 8'

East.

Ascend.

- 25.00 Top of Ridge, bears N. E. & S. W. and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ 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.
- 57.00 Cross Gulch, 9 fks. wide, Course 60° W and ascend.
- 70.00 Top of Ridge, bears N. 60° E. & S. 60° W. and descend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 9, 10, 15, 16 marked T, 19 N.S. 16, on N, E, R, 27 E, S. 16 on S, E, S, 16 on S, W, and S, 9 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., $5\frac{1}{2}$ ft, dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

Mount Diablo Meridian.

Chains

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

Variation

14° 5'

East.

Ascend.

- 6.80 Top of Ridge, bears N. e S. and descend.
- 22.00 Cross Gulch, 8 lks. wide, Course N. and ascend.
- 31.60 Top of Ridge, bears N. e S. and descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 70.00 Cross Gulch, 10 lks. wide, Course N. and ascend.
- 79.74 Intersect N. & S. line, 18 lks. S. of cor. to secs.
10. 11. 14. 16 from which corner, I run
- 8.89° 52' W. on a true line between sections 10 & 15 -
- Variation 14° 5' East
- 89.87 Set a post 3 ft. long. 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ 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.
- 79.74 The corner to sections 9, 10, 15, 16
- Land mountainous.
- Soil 2nd rate
- Vegetation Grass.

Township

19 N

Range

27 E

Mount Diablo Meridian.

Chains

North, between Sections 9 and 10.

Variation

14° 8'

East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face, 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.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 3, 4, 9, 10 marked T, 19 N, S, 3, on N, E, R, 27 E; S, 10 on S, E, S, 9 on S, W, and S, 4 on N, W, face with 5 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

*Land mountainous.**Soil 2nd rate**Vegetation grass.*

Township

19 N

Range

27 E

Mount Diablo Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Ascend.*19.60 Top of Ridge, bears $N. 20^{\circ} E. 220$ Wand descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.52.70 Cross Gulch, $\frac{1}{2}$ lks. wide, Course N , and ascend.80.07 Intersect N. & S. line. 26 lks. N of cor. to secs.

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

 $N. 89^{\circ} 49' W.$ on a true line between sections 3 & 10Variation $14^{\circ} 8'$ East

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

80.07 The corner to sections 3. 4. 9. 10

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

Mount Diablo Meridian.

Chains

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

Variation

14° 5'

East.

*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.60.50 Cross Road, Guni & Navajo bears
N.W. & S.E.80.13 Intersect N.B. of Tp. 7 lks. W. of cor. to secs.
3, 4, 33, 34 ~~T. 19 N. R. 27 E.~~

Which is a post - 4 ft. long, 4 ins. square with
marked stone 12 ins. in the ground, marked
S. 20 N. S. 34 on N. R. 27 E. S. 3 on S. E. T. 19 N.
S. 4 on S. W. and S. 33 on N.W. faces with
3 notches on E. and 3 notches on W.
edges, with feet 18 x 18 x 12 ins. in each Sec.
6 $\frac{1}{2}$ ft. dist. and a mound of earth 2 ft. high,
7 $\frac{1}{2}$ ft. base around post.
from which corner, I run

S. 16° W. on a true line, between sections 3 & 4

Variation

14° 8'

East.

110.13 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. 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.

80.13 The corner to sections 3, 4, 9, 10
Land mountainous.Soil 2nd rate

Vegetation

Grass

Township 19 N Range 27 E

Gila and Salt River Meridian.

From the corner to sections, 7, 8, 32 & 33 previously set by me.
Chains 3/4 m North, between Sections 32 and 33.Variation 14° 00' East.

Descend.

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

80.00 Set a sand stone 18 x 18 x 4 ins. 12 ins.
in the ground for Cor. to Secs. 28, 29, 32, 33 marked
with 1 notch 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.

Soil g^{ra} rateVegetation Grass

Dec. 18, 1882

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 8' East.

Ascend.

- 2.70 Top of Spur, bears N. 15° E. & S. 15° W. and descend.
- 9.40 Cross Gulch, 5 lks. wide, Course N. 15° E. and ascend.
- 20.90 Top of Spur, bears N. 15° E. & S. 15° W. and descend.
- 31.30 Cross gulch 10 lks. wide, Course N. 25° E.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 61.50 Top of Spur, bears N. 25° E. & S. 25° W. and descend.
- 70.00 Cross Gulch, 15 lks. wide, Course N. 25° E. and ascend.
- 80.45 Intersect N. & S. line, 33 lks. S. of cor. to secs.

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

S. 89° 46' W. on a true line between sections 28 & 33

Variation 14° 8' East

- 40.22 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.

80.45 The corner to sections 28. 29. 32. 33

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation 14° 8' 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.
- 44.50 Cross Gulch, 8 fks. wide, Course N. 10° E. and ascend.
- 68.30 Top of Spar, bears N. E. & S. W. and descend.
- 77.40 Cross Gulch, 11 fks. wide, Course N. E. and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 20, 21, 28, 29 marked T, 19 N. S, 21, on N, E, R, 27 E, S. 28 on S, E, S, 29 on S, W, and S, 20 on N, W, face with 2 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 mountainous.

Soil 2nd rateVegetation Grass.

Township 19 N. Range 27 E.
Gila and Salt River Meridian.

Chains East, on a random line between Sections 21 and 28.
Variation $14^{\circ} 8'$ East.
Ascend.

30.00 Top of Spur, bears N.W. & S.E. and descend.
40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
44.50 Cross Gulch, 8 lks. wide, Course N.W. and ascend.
80.20 Intersect N. & S. line, 47 lks. S. of cor. to secs.
21. 22. 27. 28 from which corner, I run
 $S. 89^{\circ} 40' W.$ on a true line between sections 21 & 28
Variation $14^{\circ} 8'$ 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.

80.20 The corner to sections 20. 21. 28. 29.
Land mountainous.
Soil 2nd rate
Vegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 8'

East.

Ascend.

40.00

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

63.70

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 16, 17, 20, 21 marked T, 19 N, S, 16, on N, E, R, 27 E, S, 21 on S, E, S, 20 on S, W, and S, 17 on N, W, face with 3 notches on S, and 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 mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Descend.*

27.00 Cross Gulch, 6 lks. wide, Course NW and ascend.

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

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

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

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

S. $89^{\circ} 51' W.$ on a true line between sections 16 & 21Variation $14^{\circ} 8'$ East

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

79.94 The corner to sections 16. 17. 20. 21.

*Land mountainous.**Soil 2nd rate**Vegetation Grass.*

Township 19 N Range 27 E

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Descend. Variation 14° 8' East.

22.00

Cross Gulch, 5 lks. wide, Course NW and ascend.

40.00

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

74.90

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 8, 9, 16, 17
marked T, 17 N, S, 9, on N, E, R, 27 E, S, 16
on S, E, S, 17 on S; W, and S, 8 on N, W, face
with $\frac{1}{4}$ notch on S, and $\frac{1}{4}$ notch on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
around post.

Land mountainous.

Soil 2nd rateVegetation Grass.

Township 19 N. Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Ascend.*

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

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

80.09 Intersect N. & S. line, 9 lks. N. of cor. to secs.

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

N. $89^{\circ} 56' W.$ on a true line between sections 9 & 16Variation $14^{\circ} 8'$ East

110.04 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. 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.

80.09 The corner to sections 8. 9. 16. 17

Land. mountainous.

Soil 2nd rate

Vegetation Grass.

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

Dec. 19. 1882

Township 19 N Range 27 E
Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation 14° 8' 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.

44.80

Cross Wash, 5' lks. wide, Course N. 80° E and ascend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 14, 15, 8, 9 marked T, 19 N. S. 14, on N, E, R, 27 E. S. 9 on S, E, S, 8 on S, W, and S, 5' on N, W, face with 5 notches on S, and 4 notches on E, edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

*Land rolling.*Soil 2nd rateVegetation Grass

Township 19 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 8' East.

30.36 Descend.
40.00 Run to Navajo Road bear N. 15° E. & S. 15° W.
Set temporary 1/4 Sec. Cor.

61.25 Cross Gulch, 10 fks. wide, Course N. 20° W. and ascend.

79.83 Intersect N. & S. line, 47 fks. N. of cor. to secs.

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

N. 89° 40' W. on a true line between sections 4 & 9

Variation 14° 8' East

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

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

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

27 E

BOOK 337

44

Gila and Salt River Meridian.

Chains

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

Variation

11° 8'

East.

Descend.

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

41.10 Cross Gulch, 5' kcs. wide. Course N. 60° E. and ascend.

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

79.68 Intersect N. B. of Tp. 25 kcs. E. of cor. to secs.

4, 5, 32, 33 ~~T. 19 N. S. 27 E.~~

Which is a post-24 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, marked T. 20 N. S. 33 on N.E. R. 27 E. S. 4 on S.E. T. 19 N. S. 5 on S. and S. 32 on N.W. faces, with 4 notches on E. and 2 notches on W. edges; with feet 18 x 18 x 12 ins. in each Sec. 5 $\frac{1}{2}$ ft. dist. and a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post from which corner, I run

S. 11° E. on a true line, between sections 4 & 5

Variation

11° 8'

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 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.

79.68 The corner to sections 4, 5, 8, 9

Land mountainous.

Soil 2nd rats

Vegetation Grass

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

Variation $14^{\circ} 00'$ East.

Descend.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
 12 ins. in the ground, for Cor. to Secs, 29, 30, 31, 32
 marked T, 19 N. S. 29, on N, E, R, 27 E. S. 32
 on S, E, S, 31 on S, W, and S, 30 on N, W, face
 with 7 notch on S, and 6 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 g^{st} rate

Vegetation Grass.

Township 19 N. Range 27 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 29 and 32.
Variation 14° 8' East.

Descend.

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

49.30 Cross Gulch, 10 lks. wide, Course N. 15° E and ascend.

65.00 Top of Spur, bears N. 10° E. & S. 10° W. and descend.

71.00 Cross Gulch, 9 lks. wide, Course N. 10° E and ascend.

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

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

S. 89° 54' W. on a true line between sections 29 & 32

Variation 14° 8' East

29.76 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.

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

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 8' East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

79.18 Intersect W. B. of Tp. 27 Ns. S. of cor. to secs.

25. 30. 31. 36 ~~T. 19 N. R. 27 E.~~

Which is a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground marked T. 19 N. S. 30 on N.E., R. 27 E. S. 21 on S.E., R. 26 E. S. 36 on S.W. and S. 25 on N.W. face, with 1 notch on S. and 5 notches on N. edges; with pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and a mound of earth 2 ft. high, 4 1/2 ft. base around post from which corner, I run

S. 89° 48' E on a true line, between sections 30 & 31

Variation 14° 8' East.

39.18 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for 1/4 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.

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

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 27 E
Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation 14° 8' East.*Descend.*

- 46.00 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.
- 48.50 Cross Gulch, 11 fks. wide, Course N. 50° E. End ascend.
- 60.00 Top of Spur, bears N. 58° E. & S. 58° W. and descend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 19, 20, 29, 30 marked T, 19 N. S, 20, on N, E, R, 27 E, S, 29 on S, E, S, 30 on S, W, and S, 19 on N, W, face with 2 notches on S, and 5 notches on E, edges, dug pits 18 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.

Soil, 2nd rate

Vegetation Grass.

Township 19 N. Range 27 E.
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Descend.*40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

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

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

S. $89^{\circ} 52'$ W. on a true line between sections 20 & 29Variation $14^{\circ} 8'$ East

39.91 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.

79.81 The corner to sections 19, 20, 29, 30

Land rolling.

Soil 2nd rate

Vegetation Grass.

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

Dec. 20. 1882

Township 19 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.

Ascend.

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

78.86 Intersect W.B. of Tp. 19 N. S. of cor. to secs.

19, 24, 25, 30 ~~T. 19 N. R. 27 E.~~

Which is a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground marked T. 19 N. S. 19 on N. E. C. 27 E. S. 30 on S. E. R. 26 E. S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on N. edges; with pits 18 x 18 x 12 ins. in each cor. $1\frac{1}{2}$ ft. dist. and a mound of earth 2 ft. high $1\frac{1}{2}$ ft. base around ^{to get} from which corner, I run

S. $89^{\circ} 39' E$ on a true line, between sections 19 & 30Variation $14^{\circ} 8'$ East.

38.86 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.

78.86 The corner to sections 19, 20, 29, 30

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township 19 N. Range 27 E.
 Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation 14° 8' East.

Descend.

140.00

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 17 18 19 20 marked T, 14 N. S. 17, on N, E, R, 27 E, S. 20 on S, E, S, 19 on S, W, and S, 18 on N, W, face with 3 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation Grass

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

N. $59^{\circ} 58' W.$ on a true line between sections 17 & 20Variation $14^{\circ} 8'$ 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. 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.

70.07

The corner to sections 17, 18, 19, 20

Land rolling.

Soil 2^{nd} rate

Vegetation Grass

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 5'$ East.

Ascend.

32.50 Top of Spur, bears $N 10^{\circ} E$ & $S. W.$ and descend.

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

44.10 Cross Gulch, 11 fks. wide, Course $N 15^{\circ} E$ and ascend.

77.30 Top of Spur, bears $N 10^{\circ} E$ & $S. W.$ and descend.

78.94 Intersect W. B. of Tp. 10 fks. S. of cor. to secs.

~~B. 18. 19. 24 S. 19 N. R. 27 E.~~

Which is a post-24 ft. long. 4 ins. square with marked stone. 12 ins. in the ground, marked S. 19 N. S. 18 on N. E. R. 27 E, S. 19 on S. E. R. 26 E. Section S. W. and S. 13 on N. W. face, with 3 marks on S. and 3 marks on N. edge with pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist. and a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post, from which corner, I run

$S. 89^{\circ} 56' E$ on a true line, between sections 18 & 19

Variation $14^{\circ} 5'$ East.

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

78.44 The corner to sections 17. 18. 19. 20
Soil 2nd rate
Land mountainous. Vegetation Grass.

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 14° 8' East.

Descend.

40.00

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

56.20

Cross Gulch, 9 fks. wide, Course NW and ascend.

70.00

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

30.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 7, 8, 17, 18 marked T, 19 N. S, 8, on N, E, R, 27 E. S. 17 on S, E, S, 18 on S, W, and S, 7 on N, W, face with 4 notches on S, and 15 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.

Soil $\frac{1}{2}$ rate

Vegetation Grass.

Township

19 N

Range

27 E

BOOK 337

Gila and Salt River Meridian.

Chains

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

Variation

14° 5'

East.

Ascend.

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

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

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

N. 89° 48' W. on a true line between sections 8 & 17

Variation

14° 5'

East

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

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

Land rolling.

Soil

2nd

rate

Vegetation

Grass

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 8'

East.

Descend.

21.20 Cross Gulch, 15 lks. wide, Course N. 15° W. and ascend.

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

75.66 Intersect W. B. of Tp. 14 lks. N. of cor. to secs.

7. 12. 13. 18 T. 19 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground marked

T. 19 N. S. 7 on N.E. R. 27 E. S. 18 on S.E.

R. 26 E. S. 13 on S.W. and S. 12 on N. W. face,

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 a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around a post from which corner, I run

N 89° 54' E on a true line, between sections

Variation

14° 8'

East.

35.66 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.

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

Land rolling.

Soil of no rate

Vegetation Grass. Dec. 21. 1882

Township

19 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 8'

East.

Descend.

40.00

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 5, 6, 7, 8 marked T, 19 N. S. 5, on N, E, R, 27 E. S. 8 on S. E, S, 7 on S. W, and S, 6 on N, W, face with 6 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.

*Sand rolling**Soil 2nd rate.**Vegetation Grass.*

Township 19 N. Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 5 and 8.
Variation 14° 8' East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

Sec. 25 Intersect N. & S. line, 22 lks. S. of cor. to secs.

45.89 from which corner, I run

S. 89° 57' W. on a true line between sections 5 & 8

Variation 14° 8' East46.12 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

Sec. 25 The corner to sections 5, 6, 7, 8

Land rolling.

Soil 2nd rateVegetation Grass.

Township 19 N. Range 27 E.
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 8'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

78.57 Intersect W. B. of Tp. 39 lks. N. of cor to secs.

1-6. 7. 12 T. 19 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, marked T. 19 N. S. 6 on NE, R. 27 E. S. 7 on S. E. R. 26 E. S. 12 on S. W. and S. 1 on N. W. face each 5 notches on S. and 1 notch on N. edge, with pits 18 x 18 x 12 ins. in each Sec. $5\frac{1}{2}$ ft. dist. and a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base ^{around} from which corner, I run

N. $89^{\circ} 43' E.$ on a true line, between sections 6 & 7Variation $14^{\circ} 8'$ East.

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

78.67 The corner to sections 5. 6. 7. 8

Land rolling.

Soil 2^{nd} rate

Vegetation Grass

Township

19 N

Range

27 E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 8'

East.

Descend.

20.55 Cross Gulch, 11 lks. wide, Course W. and ascend.

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

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

79.92 Intersect N. B. of Tp. 14 lks. E. of cor. to secs.

5. 6. 31. 32 ~~F. 19 N. R. 27 E.~~

Which is a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground marked S. 20 N. S. 32 on N. E. R. 27 E. S. 5 on S. E. F. 19 N. S. 6 on S. W. and S. 31 on N. W. face, with 5 notches on E. and 1 notch on W. edge, with feet 18 x 18 x 12 ins. in each Sec. $5\frac{1}{2}$ ft. dist. and a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post. from which corner, I run

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

Variation

14° 8'

East.

79.92 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.

79.92 The corner to sections 5. 6. 7. 8

Land mountainous.

Soil 2nd rate Vegetation

Grass Dec. 22, 1882

GENERAL DESCRIPTION.

This Township contains high rolling mesas interspersed with small valleys covered with an abundant growth of nutritious grasses affording excellent grazing.

There is a light growth of scrub cedar in the southeastern portion.

The soil is of a sandy nature, and can be classed as second rate.

Many horses so called, a Navajo Indian, has a house and corral in Sec. 15.

He is a large owner of stock.

Final Oaths for Surveys.

LIST OF NAMES.

A list of the names of the individuals employed by _____

Milton Santee, United States

Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field-notes of the survey of *The South and East*

Boundary of T 19 N R 27 E and the subdivision lines of Tps 19 N Rs 27 & 28 E and T. 18 N R 27 E G. & S. R. M

showing the respective capacities in which they acted.

- | | |
|---------------------|---------------|
| <i>Thomas Hall</i> | , Compassman. |
| <i>Jeff Hysell</i> | , Chainman. |
| <i>Jeff Hysell</i> | , Chainman. |
| <i>Jeff Hysell</i> | , Chainman. |
| <i>B. R. O'Kner</i> | , Axeman. |
| <i>B. R. O'Kner</i> | , Axeman. |
| <i>R. Meekins</i> | , Flagman. |



Final Oaths of Assistants.

We hereby certify that we assisted Milton Sauter
 _____, United States Deputy Surveyor,
 in surveying all those parts or portions of the South and
East Boundary of T. 19 N R 27 E
and the subdivision lines of Tps 19
N Rs 27 & 28 E & T. 18 N R 27 E

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

- _____ , Compassman.
- Thomas D. Hall _____ , Chainman.
- Jeff Hysell _____ , Chainman.
- _____ , Chainman.
- _____ , Chainman.
- A. J. Okner _____ , Axeman.
- A. Meekins _____ , Axeman.
- _____ , Flagman.

Subscribed and sworn to before me this 28th
 day of December, 1882

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

Final Oath of United States Deputy Surveyor.

I, Melton Sauter

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

for Arizona, bearing date of the 25th day of July, 1882,

I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona,

the surveying manual, and the laws of the United States, surveyed all those parts or portions of the South and East Boundary of T 19 N R 27 E and the subdivision lines of Tps 19 N. R 27 + 28 E x T. 18 N R 27 E

of the G. & A. R base and Meridian in the Territory of Arizona, as represented in the foregoing field-notes as having been surveyed by me and under my directions; and I do further solemnly swear



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

Milton Santee,

United States Deputy Surveyor.

Subscribed and sworn to before me this 28th
day of December, 1882.

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



U. S. Surveyor General's Office,

TUCSON ARIZONA, July 21 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of Tp. 19 North Range 27 East

Of the Gila and Salt River Base and Meridian, Arizona, executed by Wittow Bantec

Deputy Surveyor, under his contract of the 25th day of July, 1882, having been

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

J. M. Robinson
Surveyor General.