

*latter
Independent*

~~Book No. 338~~

BOOK 338

William Santer Deputy Surveyor.

T. 19 N. R. 28 E

Gila and Salt River Meridian.

No-338

338

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 19 N. Range 28 E

Gila and Salt River Meridian.

BY

William Santer Deputy Surveyor.

Under his Contract of July 25 1882

Survey Commenced Dec. 2 1882

Survey Completed Dec. 12 1882

No-338

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.

Township

Range

Meridian.

No-338

For preliminary notes
and description of
instrument used see
book No. 1

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

Before proceeding to subdivide this Tp., I made a
change of 6 minutes in the latitude arc of my
solar compass by adding same to
the reading previously given, and at noon verified
and corrected same by observation on the sun. I also
further tested instrument by reversing.

1A

Township 19 North, Range 28 East,
Gila and Salt River Baseline 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

OK

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.

(See previous page.)

Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 & 2 on the South boundary, of Sp- which is a sand stone 18 x 12 x 6 ins. 12 ins. in the ground marked with 1 notch on E. and 5 notches on W. edges, with 4 sides 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 alongside. I run North between sections 36 & 34

Variation 14° 50' East.

Ascend.

40.00

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 25, 26, 35, 36 marked T, 1/4 N. S. 26, on N, E, R, 28 E, S. 36 on S, E, S, 36 on S, W, and S, 26 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 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil
 Vegetation
 rate
 grass

Township 19 N Range 28 E
 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.62 Intersect E. B. of Tp. 29 lks. N. of cor. to secs.

25. 30. 31. 36 T. 19 N. R. 28 E.

Which is a post 24 ft. long, 4 ins. square, with marked stone 12 ins. in the ground marked T. 19 N. S. 80 on NE. R. 29 E. S. 31 on S. E. R. 28 E. S. 36 on W. and S. 25 on N. W. faces with 1 notch on S. and 5 notches on N. edges, with 7 sets $18 \times 18 \times 12$ 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 $\frac{1}{4}$ from which corner, I run

N. $89^{\circ} 48'$ on a true line, between sections 25 & 36Variation $14^{\circ} 18'$ East.

39.81 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.

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

Land rolling

Soil 2nd rats

Vegetation grass

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation $11^{\circ} 10'$ East.*Ascend.*

22.00 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 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.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 22, 24, 25, 26 marked T, 19 N. S, 24, on N, E, R, 28 E, S, 25 on S, E, S, 26 on S, W, and S, 33 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 rate

Vegetation Grass.

Township

19 N.

BOOK 338
Range

28 E.

4

Gila and Salt River Meridian.

Chains

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

Variation $11^{\circ} 10'$ East.

Descend.

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

S.C. 111 Intersect E. B. of Tp. 11 1ks. S. of cor. to secs.

19, 24, 25, 30 ~~S. 19 N. R. 28 E.~~

Which is a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground, marked E. 19 N. S. 19 on N. E. R. 29 E. S. 30 on S. E. R. 28 E. S. 25 on S. W. and S. 24 on N. W. face, with 2 notches on S. and 4 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 $1\frac{1}{2}$ from which corner, I run

S. 89. 54' on a true line, between sections 24 & 25

Variation $11^{\circ} 18'$ East.

42.07 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.

S.C. 114 The corner to sections 23, 24, 25, 26

Land rolling.

Soil 2nd rate

Vegetation Grass.

Chains

North, between Sections 23 and 24.

Variation

41° 10'

East.

Ascend.

23.00

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

42.00

Cross Gulch, 5 lks. wide, Course S. 20° W. and ascend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 13, 14, 23, 24 marked T, 19 N. S. 13, on N, E, R, 25 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 *Loam* ratsVegetation *Grass*

Chains

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

Variation

14° 10'

East.

Descend.

21.00 Cross Gulch, 8 fks. wide, Course S. and ascend.

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

51.00 Top of Ridge, bears N. 13° W. 2 S. 15° E. and descend.

79.92 Intersect C. B. of Tp. 27 fks. S. of cor. to secs.

13. 18. 19. 24 S. 19° N. R. 28 E.

Which is a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground marked S. 19° N. S. 18 on N. E. R. 28 E. S. 19 on S. E. R. 28 E. S. 24 on S. W. 10 and S. 12 on N. W. faces, with 3 notches on S. and 3 notches on N. ^{edges} with feet 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} front which corner, I run

S. 89° 44' W. on a true line, between sections 13 & 24

Variation

14° 15'

East.

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

79.92 The corner to sections 13, 14, 23, 24

Land mountainous.

Soil good rate

Vegetation Grass

Dec. 2, 1882

Chains

North, between Sections 13 and 14.

Variation 14° 10' East.

Ascend.

- 13.00 Top of Ridge, bears E. & W. and descend.
- 19.00 Cross Road, ^{Near}bears, E. & W.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 i. s. 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., S, 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.
- 53.20 Cross low Sag 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, 11, 12, 13, 14 marked T, 19 N. S. 12, on N, E, R, 28 & 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 3rd rate

Vegetation Grass.

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.86 Intersect C. B. of Tn. 19 Tks. N. of cor. to secs.

7. 12. 13. 18 $1/4$ N. R. 28 E.

Which is a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground marked S. 19 N., S. 7 on NE. R. 29 E. S. 18 on S. E. R. 28 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 $18 \times 18 \times 12$ 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

N. $89^{\circ} 52'$ W. on a true line, between sections 12 & 13Variation $14^{\circ} 18'$ 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, $18 \times 18 \times 12$ 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.

79.86 The corner to sections 7. 12. 13. 18

Land rolling.

Soil 2^{nd} rate

Vegetation grass.

Township

19 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 10'

East.

Ascend.

- 11.20 Top of Ridge, bears N. 15° E. & S. 15° W. and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 i. s. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 62.11 Cross Wash, 14 lks. wide, Course S. 30° W. and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 1, 2, 11, 12 marked T, 1) N.S. 1, on N, E, R, 2) S. 12 on S, E, S, 1) 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 28 E

Gila and Salt River Meridian.

Chains

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

Variation 44° 10' East.

Descend.

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

79.72 Intersect E. B. of Twp. 19 1/4 Sec. N. of cor. to secs.

1, 6, 7, 12 ~~T. 19 N. R. 28 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 N.E. R. 28 E. S. 7 on S.E. R. 28 E. S. 12 on S.W. and S. 1 on N.W. faces, with 5 matches on S. and 1 match 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 ^{ground} which corner, I run

N. 59° 54' W. on a true line, between sections 1 & 12

Variation 44° 15' East.

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

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

Land rolling

Soil gold rate

Vegetation grass

Township 19 N

Range 28 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Ascend.

8.30 Top of Ridge, bears C. \& W. and descend.

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

79.72 Intersect N. B. of Tn. 11 lks E. of cor. to secs.

~~1.2. 35. 36 T. 19 N. R. 28 E.~~

Which is a post 4 ft. long. 4 ins. diam. with marked stone, 12 ins. in the ground marked T. 20 N. S. 36 on NE. R. 28 E. S. 1 on S.E. T. 19 N. S. 2 on S.W. and S. 35 on NW. face with 1 notch on E. and 5 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. 6° E. on a true line, between sections 1 & 2

Variation

14° 10'

East.

39.72

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.

79.72

The corner to sections 1, 2, 11, 12

Land mountainous.

Soil 2^{nd} rate

Vegetation grass.

Township 19 N. Range 35 E.

Meridian.

Chains

From the corner to sections ²⁻³ 34 & 35 on S. by of 5 $\frac{1}{2}$ -
 Which is a sand stone 14 x 12 x 9 ins.
 10 ins. in the ground marked
 with 2 notches on E. and
 4 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 alongside.
 North between sections 34 & 35

Variation 14' 00' East.

Over rolling land.

40.00

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

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, 28 E, S, 30
 on S, E, S, 34 on S, W, and S, 27 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.

Vegetation grass.

Soil 3rd rate

Township

19 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

14' 10'

East.

Ascend.

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

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

62.20 Cross Gulch, 17 lks. wide, Course N. and ascend.

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

35.26 35.36 from which corner, I run

S. 89' 51' W. on a true line between sections 26 & 35

Variation

14' 10'

East

40.58 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.

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

Land mountainous.

Soil 3rd rate

Vegetation grass.

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 14° 10' East.*Ascend.*22.00 Top of Ridge, bears N. 66° E. S. 60° 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.41.00 Cross Gulch, 11 lks. wide, Course W. and ascend.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 22, 23, 26, 27 marked T, 19 N. S. 23, on N, E, R, 28 E. S. 26 on S, E, S, 27 on S, W, and S, 22 on N, W, face with 2 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land mountainous.

Soil 2nd rateVegetation grassDec. 4. 1889

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

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

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

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

S. 89° 53' W. on a true line between sections 23 & 26

Variation

14° 10'

East

39.95 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.

79.91 The corner to sections 22, 23, 26, 27

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 10'

East.

*Descend.*11.50 Cross Gulch, 15 lks. wide, Course \odot , and ascend.13.50 Top of Ridge, bears $N. 22^{\circ} W. 2.22'$ \odot and 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 $\frac{1}{4}$ S. on
W. face, dug pits, 18 x 18 x 12 ins., N. and \odot , 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, 28 E, S, 23
on S, E, S, 22 on S, W, and S, 15 on N, W, face
with 3 notches on S, and 2 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
around post.

Land mountainous.

Soil 2nd rate

Vegetation grass.

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.

Ascend.

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

49.00 Top of Ridge, bears N. 2 S. and descend.

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

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

N. 89' 56' W. on a true line between sections 14 & 23

Variation $14^{\circ} 10'$ East

40.15 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.

80.30 The corner to sections 14, 15, 22, 23

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 28 E
Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation 14° 10' East.*Descend.*3.30 *Cross low Sag and ascend.*15.00 *Top of Ridge, bears E. & W. and descend.*23.80 *Cross Road, Quinn & Navajo bears E. & W.*

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

80.00 *Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 10, 11, 14, 15 marked T, 19 N. S. 11, on N, E, R, 28 E, S. 14 on S, E, S, 15 on S, W, and S, 10 on N, W, face with 1 notch on S, and 2 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft, dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.*

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

Township 19 N. Range 28 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 11 and 14.
Variation $14^{\circ} 10'$ East.

*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.70.80 Top of Ridge, bears $N. 31^{\circ} E.$ & $S. 31^{\circ} W.$ and descend.

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

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

 $N. 89^{\circ} 50' W.$ on a true line between sections 11 & 14Variation $14^{\circ} 10'$ East

79.59 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.

79.78 The corner to sections 10, 11, 14, 10

Land mountainous.

Soil *Loam* rate

Vegetation Grass.

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

11° 10'

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. 10, 11 marked T, 19 N. S. 2, on N, E, R, 28 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 rolling.**Soil 2nd rate**Vegetation Grass*

Township

19 N.

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.

Ascend.

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

74.80 Top of Ridge, bears $N. 10^{\circ} E. 10'$ and descend.

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

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

$189^{\circ} 51'$ W. on a true line between sections 2 & 11

Variation $14^{\circ} 10'$ East

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

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

Land mountainous.

Soil good rate

Vegetation Grass.

Dec. 5. 1882

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Descend.

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

79.96 Intersect N. R. of Td. 29 Ws. W. of cor. to secs.

2, 3, 34, 35 - ~~T. 19 N. R. 28 E.~~

Which is a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground marked T. 20 N. S. 25 on N.E. R. 28 E. S. 2 on S. E. T. 19 N. S. 3 on S.W. and S. 34 on N.W. face, with 2 notches on E. and 4 notches on W. 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 post from which corner, I run

S. 12' W. on a true line, between sections 2 & 3

Variation

14° 10'

East.

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

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

Land rolling.

Soil 2nd rate

Vegetation grass

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains ³⁻⁴⁻
 From the corner to sections, 27 & 34 on S. By of Sp-
 Which is a post 4 ft. long, 4 ins. square,
 with marked stone, 12 ins. in the ground
 marked T. 19 N. S. 34 on N.E. R. 28 E. S. 3 on
 S. E. T. 19 N. S. 4 on S.W. and S. 33 on N.W.
 face with 3 notches on E. and 3 notches
 on W. edges, with pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dis-
 tance around post 2 ft. high, 4 1/2 ft. base around post.
 Hence 3 runs
 North between sections 33 & 34

Variation 111° 00' East.

Ascend.

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

70.40 Top of Ridge, bears N. 63° E. & S. 63° 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, 27, 28, 33, 34
 marked T, 19 N. S. 27, on N, E, R, 28 E, S. 34
 on S, E, S, 33 on S, W, and S, 28 on N, W, face
 with 1 notch on S, and 3 notches on E, edges,
 dug pits 18 x 18 x 12 ins, in each Sec., 5 1/2 ft, dist.,
 and raised a mound of earth 2 ft, high, 4 1/2 ft, base
 around post.

Land mountainous. Vegetation
 Soil 2 1/2 rats grass.

Township 19 N. Range 28 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Ascend.*13.90 Top of Ridge, bears $N. 57^{\circ} E. 57'$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.46.79 Cross Gulch, 11 lks. wide, Course *N.* and ascend.80.54 Intersect N. & S. line, 57 lks. *N.* of cor. to secs.

26. 27. 34. 36 from which corner, I run

N. 89^{\circ} 38' W. on a true line between sections 27 & 34Variation $14^{\circ} 10'$ East

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

12 i.s. 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.

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

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N.

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $14^{\circ} 10'$ East.*Descend.*

- 10.00 Cross Gulch, 11 lks. wide, Course N.E. and ascend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 64.50 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. 21. 22. 27. 28 marked T, 19 N, S, 22, on N, E, R, 28 E, S. 27 on S, E, S, 28 on S, W, and S, 21 on N, W, face with 2 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N.

BOOK 338

Range

28 E

26

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Ascend.

15.60 Top of Ridge, bears N. 89° 46' W. and descend.

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

80.28 Intersect N. & S. line, 32 lks. N. of cor. to secs.

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

N. 89° 46' W. on a true line between sections 22 & 27

Variation

14° 10'

East

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

12 i. s. 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 21, 22, 27, 28

Land mountainous.

Soil 2nd rate

Vegetation grass.

C Chains

North, between Sections 21 and 22.

Variation $14^{\circ} 10'$ East.

Descend.

11.50 Cross Gulch, 11 lks. wide, Course 30° 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 $\frac{1}{4}$ S. on
W. face, dug pits, 18 x 18 x 12 ins., $\frac{1}{4}$ and $\frac{1}{4}$ 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.

52.50 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, 15, 16, 21, 22.
marked T, $\frac{1}{4}$ N. S. 15, on N, E, R, 28 E., S. 22
on S, E, S, 21 on S, W, and S, 16 on N, W, face
with 3 notches on S, and 3 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 28 E
 Gila and Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.
 Variation 14° 10' East.

Descend.

31.00 Cross Gulch, 13 lks. wide, Course N., and ascend.

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

79.96 Intersect N. & S. line, 6 lks. N. of cor. to secs.
 14, 15, 22, 23 from which corner, I run

N. 89° 57' W. on a true line between sections 15 & 22

Variation 14° 10' East

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

79.96 The corner to sections 15, 16, 21, 22,
 Land rolling.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 10'

East.

Ascend.

17.00 Top of Ridge, bears N. 60° E. 200 and descend.

32.80 Cross Road, Juni and Navajo base
E. & W.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs. 9, 10, 15, 16
marked T, 10 N. S. 10, on N, E, R, 28 E, S. 15
on S, E, S, 16 on S. W, and S, 9 on N, W, face
with 4 notches on S, and 3 notches on E, edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post.

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. 6. 1882

Township

19 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Ascend.*15.50 Top of Ridge, bears *N.W. & S.E.* and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.61.20 Cross Gulch, 13 lks. wide, Course *N.* and ascend.79.82 Intersect N. & S. line, 18 lks. *S.* of cor. to secs.

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

S. $59^{\circ} 52'$ W. on a true line between sections 10 & 15Variation $14^{\circ} 10'$ East

39.91 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., *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 9, 10, 15, 16

Land mountainous.

Soil *good* rateVegetation *grass.*

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains North, between Sections 9 and 10.

Variation 14° 10' East.

Ascend.

16.20 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 $\frac{1}{2}$ 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. 3, 4, 9, 10 marked T, 10 N. S. 3, on N, E, R, 28 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

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

11° 10'

East.

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

64.00 Cross low Sag and ascend.

80.23 Intersect N. & S. line, 113 lks. S of cor. to secs.

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

S. 89° 42' W. on a true line between sections 3 & 10

Variation

14° 10'

East

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

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

Land rolling.

Soil \cdot *gnd* rateVegetation *grass*

Township

19 N.

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Descend.

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

80.29 Intersect N. B. of Twp. 46 lks. W. of cor. to secs. ✓

3. 4. 33. 34 T. 19 N. R. 28 E.

Which is a post-4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground marked T. 20 N. S. 34 on N.E. R. 28 E. S. 3 on S.E. T. 19 N. S. 4 on S.W. and S. 33 on N.W. face with 3 notches on E. and 3 notches on W. edge, with pits 18 x 18 ins. in each Sec. 37 ft. dist. and a mound of earth 4 ft. high, 14 ft. base around from which corner, I run

S. 17' W. on a true line, between sections 3 & 4

Variation

14° 10'

East.

40.29 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.

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

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township

19 N

Range

28 E.

Gila and Salt River Meridian.

Chains

From the corner to sections, ⁴⁻⁵ 32 & 33 — S. By of Sp
 Which is a sand stone
 18 x 10 x 4 ins. 12 ins. in the
 ground marked with
 4 notches on E, and 2
 notches on W. edges, with pits 18 x 18 x 12 ins.
 in each Sec., 5½ ft. dist.
 and a mound of earth
 2 ft. high, 4½ ft. base, alongside.
 North between sections 32 & 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 ¼ Sec. Cor., marked ½ S. on
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of
 post 5½ ft. dist., and raised a mound of earth 1½ ft.
 high, 3½ ft. base around post.

56.90 Cross Wash, 12 lks. wide, Course N. 10° 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. 28, 29, 32, 33
 marked T, N, S, 28, on N, E, R, 28, S, 33
 on S, E, S, 32 on S, W, and S, 29 on N, W, face
 with 1 notch on S, and 4 notches on E, edges,
 dug pits 18 x 18 x 12 ins, in each Sec., 5½ ft. dist.,
 and raised a mound of earth 2 ft. high, 4½ ft. base
 around post. Soil 2nd rate
 Land rolling. Vegetation Grass.

Township 19 N.

Range 28 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.

Descend.

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

69.90 Cross Gulch, 5 lks. wide, Course N. E. and ascend.

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

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

$S 89^{\circ} 55' W.$ on a true line between sections 28 & 33

Variation $14^{\circ} 10'$ East

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

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

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation 14' 10' East.

Ascend.

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

44.10 Cross Gulch, 11 lks. wide, Course N. 65° E End ascend.

66.70 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. 20, 21, 28, 29 marked T, $\frac{1}{4}$ N. S. 21, on N, E, R, 28 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 3rd rate

Vegetation grass

Dec. 7. 1882

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 21 and 28.
 Variation $14^{\circ} 10'$ East.

*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.66.40 Top of Ridge, bears N. 23° E or S. 23° W and descend.65.70 Cross Gulch, 14 lks. wide, Course N. 36° E and ascend.

80.12 Intersect N. & S. line, 53 lks. S of cor. to secs.

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

189.37' W. on a true line between sections 21 & 28

Variation $14^{\circ} 10'$ East

110.06 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.

80.12 The corner to sections 20, 21, 28, 29

Land mountainous.

Soil 2nd rate

Vegetation grass.

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains North, between Sections 20 and 21.
Variation 14° 10' East.

Descend.

38.00 Cross Gulch, 20 lks. wide, Course N 25° E and ascend.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 16, 17, 20, 21 marked T, 1/4 N. S. 16, on N, E, R, 25 E, S. 21 on S, E, S, 20 on S, W, and S, 17 on N, W, face with 3 notches on S, and 11 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., 5 1/2 ft, dist., and raised a mound of earth 2 ft, high, 4 1/2 ft, base around post.

Land rolling.

Soil 2nd rate

Vegetation Grass

Township

19 N.

Range

28 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Descend.*

26.50 Cross Gulch, 14 lks. wide, Course N. and ascend.

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

51.60 Top of Ridge, bears N. W. S. and descend.

79.87 Intersect N. & S. line, 32 lks. S. of cor. to secs.

15.16. 21. 22, from which corner, I run

S. 89 $^{\circ}$ 46' W. on a true line between sections 16 & 21Variation $14^{\circ} 10'$ East

99.93 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.

79.87 The corner to sections 16, 17, 20, 21

Land mountainous.

Soil 2^{nd} rate

Vegetation grass

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 10'

East.

Ascend.

- 7.90 Top of Ridge, bears N 30° E, 1.30 W and descend.
- 26.00 to Corral, bears W. 1.90 chs. dist.
- A House bears W. 1.90 chs. dist.
- 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.
- 49.00 Cross Road, Juni & Navajo bears E. & W.
- 67.70 Cross Wash, 14 lks. wide, Course N. 23° W and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 8, 9, 16, 17 marked T, 19 N, S, 9, on N, E, R, 28 E, S. 16 on S, E, S, 17 on S, W, and S, 8 on N, W, face with 15 notches on S, and 11 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 38 E
 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.

Descend.

34.30 Cross low Sag and ascend.

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

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

Q. N. 15. 16 from which corner, I run

$S. 89^{\circ} 57' W.$ on a true line between sections 9 & 16

Variation $14^{\circ} 10'$ East

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

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

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

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

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

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

Land rolling.

Soil 2nd rate

Vegetation grass.

Township 19 N. Range 28 E.

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation

14° 10'

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.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 4, 5, 8, 9 marked T, 19 N. S. 4, on N, E, R, 28 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 rate**Vegetation Grass.*

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 10' East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

80.42 Intersect N. & S. line, 36 lks. N. of cor. to secs. 3, 4, 9, 10 from which corner, I run

N. 89° 45' W. on a true line between sections 4 & 9

Variation 14° 10' East

40.21 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.

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

Land rolling.

Soil good rate

Vegetation grass.

Dec. 8. 1882

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.

Ascend.

33.00 Top of Ridge, bears $E. \ 2 \ W.$ and descend.

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

80.01 Intersect N. B. of Tn. 15 Wks. $W.$ of cor. to secs.

~~4. S. 32. 33 T. 19 N. R. 28 E.~~

Which is a 4000-4 ft. long. Horiz. square with marked stone, 12 ins. in the ground marked T. 20 N. S. 33 on N. E. R. 28 E. S. 4 on S. E. T. 19 N. S. 5 on S. W. and S. 32 on W. W. faces with 4 notches on E. and 2 on W. 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 post, which corner, I run

S. $8^{\circ} \ W.$ on a true line, between sections 11 & 5

Variation $14^{\circ} 10'$ East.

40.01 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.

80.04 The corner to sections 11. 6. 8. 9

Land mountainous.

Soil 2^{nd} rate

Vegetation Grass.

Township 19 N. Range 38 E

Gila and Salt River Meridian.

Chains

From the corner to sections ⁵⁻⁶⁻ 29 & 32 on S. By of Tp -
 Which is a post: 4 ft. long, 4 ins. square,
 with marked stone, 12 ins. in the
 ground, marked T. 19 N. S. 32 on N. E.
 R. 28 E. S. 30 on S. E. T. 18 N. S. 30 on
 S. W. and S. 31 on N. W. faces with
 5 notches on E. and 1 notch on
 W. edges with pits: 18 x 18 x 12 ins. in each Sec.
 4 1/2 ft. dist. and a mound of earth 2 ft. high, 4 1/2 ft.
 base around post.
 North between sections 1 & 32

Variation 11° 10' East.

40.00

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

72.71

Top of Ridge, bears N. 67° E. 267' and descend.

80.00

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
 for Cor. to Secs. 29, 30, 31, 32 marked T. 19 N.
 S. 29 on N. E., R. 28 E., S. 31 on S. E., S. 31 on
 S. W., and S. 30 on N. W. faces, with 1 notch on
 S. and 5 notches on E. edges, from which

- 1 Cedar 8 ins, diam, bears N. 23° E. 13 lks, dist,
- marked T. 19 N. R. 28 E. S. 29 B. T.
- 1 Cedar 6 ins, diam, bears N. 16° E. 62 lks, dist,
- marked T. 19 N. R. 28 E. S. 29 B. T.
- 1 Cedar 7 ins, diam, bears S. 11° W. 33 lks, dist,
- marked T. 19 N. R. 28 E. S. 31 B. T.
- 1 Cedar 4 ins, diam, bears S. 14° W. 97 lks, dist,
- marked T. 19 N. R. 28 E. S. 31 B. T.

Land mountainous

Soil 2 1/2 rate

Timber of Cedar.

Vegetation Grass.

Township 19 N Range 28 E
 Gila and Salt River Meridian.

Chains

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

Variation 14° 10' East.*Ascend.*38.28 Top of Ridge, bears N. & S. and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.44.00 Cross Gulch, 13 lks. wide, Course N. E. and ascend.47.49 Top of Ridge, bears N. E. & S. W. and descend.77.50 Intersect N. & S. line, 36 lks. N. of cor. to secs.

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

N. 89° 45' W. on a true line between sections 29 & 32Variation 14° 10' East

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

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

Land mountainous.

Soil F^oid rateVegetation grass.

Township

19 N

Range

28 E

Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.78.28 Intersect N. B. of Tp. 30 lks. S. of cor. to secs.
previously set by me.

29. 30. 31. 32 from which corner, I run

S. $89^{\circ} 49' 8''$ on a true line, between sections 30 & 31Variation $14^{\circ} 10'$ East.

35.28 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.

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

*Land rolling.*Soil 2nd rate

Vegetation grass

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains North, between Sections 29 and 30.
Variation 14° 10' East.

Descend.

29.50 Cross Wash, 11 lks. wide, Course N. 52° W. and ascend.31.45 Top of Ridge, bears E. & 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.47.00 Cross Gulch, 15 lks. wide, Course W. and ascend.66.40 Top of Ridge, bears E. & W. and descend.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 19, 20, 29, 30
marked T, 19 N. S., 20 on N, E, R., 28 E., 29
on S, E, S., 30 on S, W., and S, 19 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

28 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Ascend.

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

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.73 Intersect N. & S. line, 27 lks. N. of cor. to secs.
20, 21, 28, 29 from which corner, I run

N. 89° 48' W. on a true line between sections 20 & 29

Variation

14° 10'

East

39.86

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

79.73

The corner to sections 19, 20, 29, 30

Land mountainous.

Soil 2nd rate

Vegetation grass.

Township 19 N. Range 28 E.
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Descend.*

- 26.30 Cross Gulch, 10 lks. wide, Course $N 25^{\circ} E$ and ascend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 54.80 Top of Ridge, bears $N e S.$ and descend.
- 77.84 Intersect W. B. of Tp. 11 lks. N. of cor. to secs.
19, 24, 25, 30 from which corner, I run
 $N. 59^{\circ} 55' E.$ on a true line, between sections 19 & 30
Variation $14^{\circ} 10'$ East.
- 37.84 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., E, and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.
- 77.54 The corner to sections 19, 20, 29, 30
Land mountainous.
Soil 2° rats
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. 9. 1882

Township

19

N.

Range

28

E.

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation

11° 10'

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, 17, 18, 19, 20 marked T, 19 N. S., 17, on N, E, R, 28 E, S, 20 on S, E, S, 19 on S, W, and S, 18 on N, W, face with 3 notches on S, and 5 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil ^{2nd} rate

Vegetation Grass.

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 10'$ East.*Ascend.*6.00 Top of Ridge, bears $N. 35^{\circ} E. 3.20'$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

 $S. 54^{\circ} 54' W.$ on a true line between sections 17 & 20Variation $11^{\circ} 10'$ East

40.114 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.

80.28 The corner to sections 17, 18, 19, 20

Land mountainous.

Soil 2nd rate

Vegetation Grass.

Township

19 N.

Range

24 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Descend.

40.00

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

77.72

Intersect N. B. of Tp. 1' Wks. S. of cor. to secs.
previously set by me.
18, 18, 19. 24_N from which corner, I run

S. 89° 53' E. on a true line, between sections 18 & 19

Variation

14° 10'

East.

87.72

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

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

77.72

The corner to sections 17, 18, 19, 20

Land rolling.

Soil

2nd

rate

Vegetation

Grass.

Township

14° N

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation

11° 10'

East.

Descend.

33.70

Cross low Sag 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 $\frac{1}{4}$ 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, 7, 8, 17, 18 marked T, 19 N. S. 8, on N, E, R, 28 E, S. 17 on S, E, S, 18 on S, W, and S, 17 on N, W, face with 4 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 rolling.**Soil 3rd rate**Vegetation Grass.**Timber of Cedar*

Chains

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

Variation

14° 10'

East.

Ascend.

2.10 Top of Ridge, bears N. 2 S. and descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.48.50 Jacobs Well 200 ft. in diam. 70 ft. Deep
bears N. 3. 40 chs. dist.54.20 Cross Road, Juni & Navajo bears N. 80° W. &
S. 80° E.57.70 Edge of Jacobs well 5 chs. diam. Offset
S. 2 chs. then run E. 5 chs. & offset 2 chs. N. to line

90.50 Intersect N. & S. line, 47 lks. S. of cor. to secs.

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

S. 89° 40' W. on a true line between sections 8 & 17

Variation

14° 10'

East

48.26 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.

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

Land mountainous.

Soil 2nd rate

Vegetation grass.

Township

19 N

Range

28 E

Gila and Salt River

Meridian.

Chains

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

Variation

14° 10'

East.

*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.77.26 Intersect W. B. of Tp. 45 lks. N. of cor. to secs.
previously set by me.

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

N. 89° 41' E. on a true line, between sections 7 & 18

Variation

14° 10'

East.

37.26 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.

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

Land rolling.

Soil 25 rate

Vegetation Grass

Dec. 11, 1882

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 10'

East.

Ascend.

16.60

Cross Road, Navajo & Juni bears
N. 73° W. & S. 72° E.

30.90

Top of Ridge, bears E. & 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. 5, 6, 7, 8
marked T, 19 N. S. 6, on N, E, R, 28 E, S. 8
on S, E, S, 7 on S, W, and S, 6 on N, W, face
with 5 notch on S, and 5 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 28 E
 Gila and Salt River Meridian.

- Chains East, on a random line between Sections 5 and 8.
 Variation $14^{\circ} 10'$ East.
- Ascend.*
- 28.10 Top of Ridge, bears *N. & S.* and descend.
- 40.00 Set temporary $\frac{1}{2}$ Sec. Cor.
- 79.91 Intersect N. & S. line, 17 lks. *S.* of cor. to secs.
 4. 5. 8. 9 from which corner, I run
 $144^{\circ} 53' W.$ on a true line between sections 5 & 8
 Variation $14^{\circ} 10'$ East
- 89.95 Set a post 3 ft. long, 3 ins. diam. with marked stone
 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{4}$ S. on
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.
- 79.91 The corner to sections 5. 6. 7. 8
 Land mountainous.
 Soil *2nd rate*
 Vegetation *grass.*

Township 19 N Range 28 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 10' East.

Ascend.

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

77.54 Intersect W. B. of Tp. 21 lks. N. of cor. to secs. previously set by me.

1. C. 7. 12 from which corner, I run

N. 59° 51' E. on a true line, between sections 6 & 7

Variation 14° 10' East.

37.64 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.

77.64 The corner to sections 6. 6. 7. 8

Land rolling.

Soil 2nd rate

Vegetation grass

Township

19 N

Range

28 E

Gila and Salt River Meridian.

Chains

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

Variation

14° 10'

East.

Descend.

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

63.30 Cross Road, bears, N. E. & S. W.

80.43 Intersect N. B. of Tp. 22 17s. E. of cor. to secs.

5. 6. 31. 32 T. 19 N. R. 28 E.

Which is a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground marked T. 20 N. S. 32 on N. E. R. 28 E. S. 5 on S. E. T. 19 N. S. 6 on S. W. and S. 31 on N. W. face with 5 notches on E. and 1 notch on W. edges; with pits 18 x 18 x 12 ins. in each S. e. by ff. dist. and a mound of earth 2 ft. high 4 ft. base around ^{face} from which corner, I run

S. 9° E. on a true line, between sections

Variation

14° 10'

East.

110.43 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.

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

Land rolling.

Soil 2^d rate

Vegetation grass. Dec. 12. 1882

GENERAL DESCRIPTION.

This Township contains mountain and plain.

The soil is principally a sandy loam, covered with an abundance of nutritious grasses affording fine grazing. In the southern portion there are a few scrub cedars. It can be classed as 2nd rate. Will produce with irrigation. Jacob's Wells in sec. 8 have an unfailing supply of water, and are a natural curiosity, situated on the old Southern Emigrant route to California.

The water is contained in a large sink 50 ft. below the surface of the ground and the water can not be seen until you are within a few feet of it.

Monusco, a Navajo Indian, with a large stock of horses and sheep has a house and corral in sec. 17

For Fuel Notes
see Book No. 4

U. S. Surveyor General's Office,

TUCSON, ARIZONA, July 21 1883

The foregoing Field Notes of the Survey of the

Subdivision lines of Twp. 19 North, Range 28 East

Of the Gila and Salt River Base and Meridian, Arizona, executed by Milton Dantes

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. W. D. Davis Surveyor General.