

O. D. Wheeler Deputy Surveyor.

T. *10 N* R. *27 E*

Gila and Salt River Meridian.

No - 253

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *10 N* Range *27 E*

Gila and Salt River Meridian.

BY

O. D. Wheeler Deputy Surveyor.

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

Survey Commenced *March 26* 188*3*

Survey Completed *March 31* 188*3*



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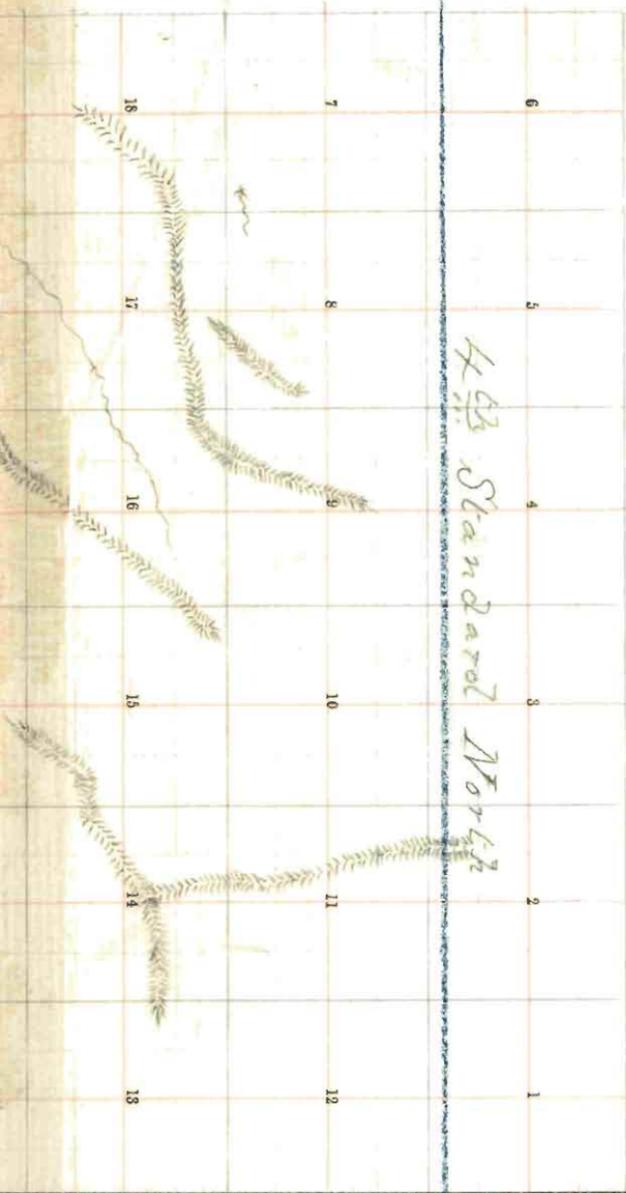
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Township No. 16N Range No. 24E 8x900 Meridian.

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4 1/2 Standard North



55
78
89

1A

Township 16 North, Range 27 East,
Gila and Salt River Base and Meridian.

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

OK.

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Township

Range

10

Meridian.

For preliminary notes and description of instrument used see book N^o 1

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by Otto Fennel of Cassel Germany in 1861

Before proceeding to subdivide this Tp., I made a change of 10 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.

I took the latitude and found it to be

1^c Township (See previous page.) 16 N. Range 27 E. Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary, *of 36*

Which is a lava stone 10 x 12 x 7 ins., 10 ins. in the ground marked with 1 notch on E. and 5 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. I Run

North between sections 35 & 36

Variation 14° 14' East.

Ascend.

46.00

Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ 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.

46.00

Top of Ridge, bears E. x 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. 25, 26, 35 & 36 marked T, 16 N. S. 25, on N, E, R, 27 E, S. 36 on S, E, S, 35 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., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous. Timber of

Soil

rate Vegetation. grass & sage.

Township 16 N Range 27 E
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 25'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.54.80 Descend. Edge of Mesa bears $N. 10^{\circ} E$ & $S. 10^{\circ} W$.

79.57 Intersect E. B. of Tp. 2 lks. N. of cor. to secs.

25. 30. 31 & 36 Which is on
two stone $2 \times 10 \times 10$ ins., 8 ins. in the
ground, marked with 1 notch on
S. and 5 notches on N. edges,
with posts $18 \times 18 \times 12$ ins. in each
Sec. $5\frac{1}{2}$ ft. dist., and a mound of
earth 2 ft. high, $4\frac{1}{2}$ ft. base alongside
from which corner, I run

$N. 89^{\circ} 55' W$, on a true line, between sections 25 & 36
Variation $14^{\circ} 30'$ East.

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

79.57 The corner to sections 25. 26. 35 & 36

Land rolling.

Soil 2^{nd} rate

Vegetation grass & sage.

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation 14° 28' East.*Ascend. gradually.*20.00 Top of Ridge, bears N. 10° E. & S. 10° W. and descend.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ 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 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. 23, 24, 25 & 26 marked T, 16 N. S. 24, on N, E, R, 27^c, S. 26 on S, E, S, 26 on S, W, and S, 23 on N, W, face with 2 notches on S, and 1 notch on E, edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land mountainous.

Soil 2nd rateVegetation grass & sage.

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 24 and 25.
Variation $14^{\circ} 28'$ East.

Descend.

28.00 Cross low Sag and ascend.

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

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

79.88 Intersect E. B. of Tp. 23 1ks. S. of cor. to secs.

19.24 25 & 30. Which is a post - 4 ft.
4 ins. square, 12 ins. in the ground
marked S. E. N. & 19 on N. E. R. 28 &
S. 3 on S. E. R. 27 & S. 25 and W. and
24 on N. W. face with 2 notches on S. and 4
notches on W. edges, with pits 18 x 18 x 12 ins. in each
Sec, 5 $\frac{1}{2}$ ft. dist. on a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft.
base around ^{post} from which corner, I run

S. $89^{\circ} 50'$ W. on a true line, between sections 24 & 25Variation $14^{\circ} 30'$ East.

39.94 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.

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

Land mountainous.

Soil 2.00 rate

Vegetation grass & sage.

Township 16 N. Range 27 E.
 Gila and Salt River Meridian

Chains

North, between Sections 23 and 24.

Variation 14° 28' East.*Ascend.*210.00 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 $\frac{1}{2}$ 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.

70.00 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, 13, 14, 23 & 24
 marked T. 16 N. S. 13 on N, E, R, 27 E. S. 24
 on S, E, S, 23 on S, W, and S, 14 on N, W, face
 with 3 notches on S, and 1 notch on E, edges,
 dug pits 18 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 & Sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.

Descend.

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

80.09 Intersect E. B. of Tp. 16 lks. S. of cor. to secs.

13. 18. 19 & 24 which is a post 4 ft. long

4 ins. diam. - 12 ins. in the ground

R 28 E $\frac{1}{4}$ S 19 on E R 27 E $\frac{1}{4}$ S 24 on S. Ward

S 13 on W face

3 matches on N. edge and
an mound of stone
alongside.

W from which corner, I run

 $S 89^{\circ} 53'$ on a true line, between sections 13 & 24Variation $14^{\circ} 30'$ East.

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

80.09 The corner to sections 13. 14. 23 & 24.

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.

Variation $14^{\circ} 28'$ 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.

53.00 Top of Spur, bears E x 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, 11, 12, 13 & 14 marked T/6 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 \times rate

Vegetation bunchgrass & sagebrush.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation 14° 28' East.

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

80.21 Intersect E. B. of Tp. 7 lks. N. of cor. to secs.

7, 12, 13, 18 Which is a post-
4 ft. long 4 ins. dia. 12 ins. in the ground
marked $\frac{1}{4}$ S. on N. E. P. 28 E.
S. 13 on S. E. R. 27 E. S. 13 on S. W. and S.
12 on N. W. face, with 4 notches and 2 notches
on N. face, with pits 18 x 18 x 12 in each dir., $5\frac{1}{2}$ 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° 57' W. on a true line, between sections 12 & 13
Variation 14° 30' 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.

80.21 The corner to sections 11, 12, 13 & 14

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

16 N

Range

24 E

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 28'

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.

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, $\frac{1}{6}$ 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 rolling.

Soil

2nd

rate

Vegetation

grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 25'$ East.

Descend.

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

80.10 Intersect E. B. of Tp. 11 lks. N. of cor. to secs.

1. 6. 7 & 12 Which is a post- 4 ft. long
4 ins. square, 12 ins. in the ground
marked $\frac{1}{2}$ N. S. on N. E. R. 28 E. S. 7 on S. E.
R. 27 E. S. 20 on S. W. 1 on N. W. faces with 6 notches
on S and 1 notch on N. faces, with pits
18 x 18 x 12 ins., in each dir. $5\frac{1}{2}$ 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. 55' W on a true line, between sections 1 & 12
Variation $14^{\circ} 30'$ East.

4008 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 1, 2, 11 & 12

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N Range 27 E

Gila and Salt River Meridian.

Chains

North, on a ~~random~~ ^{true.} line between Sections 1 and 2.Variation $14^{\circ} 28'$ East.

Over rolling land.

0.29 Intersect the 4th Standard Parallel North at a point 2.47 chs. West of the Standard Cor. to Secs. 35 and 36. T. 17 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked S. C. T 17 N. R. 27 E on N. S. 36 on E & S. 35 on W. faces with notch on E. and 5 notches on W. faces, with pile 18 x 18 x 12 ins. N. E & W. of post and a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{Closing} Cor. to Secs. 1 and 2 marked C. C. T. 16 N. R. 27 E on S. S. 1 on E. and S. 2 on W. faces, with 1 notch on E. and 5 notches on W. faces, dug pits 18 x 18 x 12 ins. S. E & W. of post, 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 & sage.

Mar. 26. 1883

Township 16 N.

Range 27 E.

Gila and Salt River Meridian.

Chains

2.3

From the corner to sections 34 & 35 on S. Ry. Sp
 Which is a sand stone
 18 x 10 x 10 ins, 12 ins. in the ground
 marked with 2 notches on E and
 4 notches on W. 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 alongside.

North between sections 34 & 35

Variation 14° 14' East.

Ascend.

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

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 1/4 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.

49.00 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. 26, 27, 34 & 35
 marked T, 16 N. S, 20, on N, E, R, 27 E., S. 35
 on S, E, S, 34 on S, W, and S, 27 on N, W, face
 with 1 notch on S, and 2 notches on E, edges,
 dug pits 18 x 18 x 12 ins, in each Sec., 5 1/2 ft. dist.,
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base
 around post.

Land rolling.

Soil 2nd rate

Vegetation Grass & sage.

Township 10 N. Range 27 E. Gila and Salt River Meridian.

Chains East, on a random line between Sections 26 and 35. Variation 14° 28' East.

Ascend.

40.00 Set temporary 1/4 Sec. Cor.

80.07 Intersect N. & S. line, 33 lks. S. of cor. to secs. 25, 26, 35 & 30 from which corner, I run

S. 89° 46' W. on a true line between sections 26 & 35 Variation 14° 28' East

40.03 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.

80.07 The corner to sections 26, 27, 34 & 35 Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 16 N. Range 27 E.
Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 14° 28' 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.

80.00

Set a post 4 ft. long, 3 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 22, 23, 26 & 27 marked T, 16 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 2 notches on S, and 2 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rateVegetation grass & sage.

Township 16 N. Range 27 E.
Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

80.29 Intersect N. & S. line, 38 lks. S. of cor. to secs.

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

 $S. 89^{\circ} 44' W.$ on a true line between sections 23 & 26Variation $14^{\circ} 28'$ 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.

80.29 The corner to sections 22, 23, 26 & 27

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation 14° 28' 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.

52.00

Top of Ridge, bears S. e. W. and descend.

67.60

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. 14, 15, 22 & 23 marked T, 16 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 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 rateVegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 14 and 23.
 Variation $14^{\circ} 28'$ East.

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

80.12 Intersect N. & S. line, 21 lks. S, of cor. to secs.

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

S. $89^{\circ} 51'$ W. on a true line between sections 14 & 23Variation $14^{\circ} 28'$ East

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., 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 14, 15, 22 & 23

Land rolling.

Soil 2^{nd} rate

Vegetation grass & sage.

Township

16 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

14° 25'

East.

Ascend.

25.00

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, 10, 11, 14 & 15 marked T, 16 N. S. '11, on N, E, R, 27 E. S. 14 on S, E, S, 15 on S, W, and S, 10 on N, W, face with 4 notches on S, and 2 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft. base around post.

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township

16 N.

BOOK 253

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

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

 $S. 89^{\circ} 54' W.$ on a true line between sections 11 & 12.Variation $14^{\circ} 28'$ 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 10, 11, 14 & 15

Land mountainous.

Soil 2nd rate

Vegetation grass & sage

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation 14° 28' 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. 9, 8, 10 & 11 marked T, 16 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 rolling.

Soil 2nd rateVegetation grass & sage.

Township 10 N Range 27 E
 Gila and Salt River Meridian.

Chains East, on a random line between Sections 2 and 11.
 Variation 14° 28' East.

Ascend. gradually.

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

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

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

1.2. 11 & 12 from which corner, I run

S. 89° 44' W. on a true line between sections 2 & 11

Variation 14° 28' East

39.79 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.

79.58 The corner to sections 2. 3. 10 & 11

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, on a ~~random~~ ^{true.} line between Sections 2 and 3.

Variation 14° 25' East.

Ascend.

5.50 Intersect the 4th Standard Parallel North at a point 2.16 chs. West of the Standard Cor. to Secs. 34 and 35. T. 17 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square runs in the ground, marked ^S T. 17 N. R. 27 E. on N. face, S. 2 on E., S. 3 on W. faces, with 2 notches on E. and 4 notches on W. faces, with pits 18 x 15 x 12 ins. N. E & W. of post, and a mound of earth 2 ft. high, 4½ ft. base around post.

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{clearing} Cor. to Secs. 2 and 3 marked C. C. T. 16 N. R. 27 E., on S. S. 2 on E. and S. 3 on W. faces, with 2 notches on E. and 4 notches on W. faces, dug pits 18 x 18 x 12 ins. S. E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling.

Soil ^{good} rate

Vegetation grass & sage.

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

March 27, 1883

Township

16 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

From the corner to sections, ^{3.4} 33 & 34 on S by 2p
 which is a post 4 ft. long, 4 ins. dia.
 12 ins. in the ground, marked
 T/16 N. S. 40 on N. E. R. 27 E. S. 30 on S. E. S. 15 N.
 S. 40 on S. W. edge on N. W. face, with 3 notches on E.
 and 3 notches on W. face, 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.
 North between sections 33 & 34

Variation 14° 14' East.

Descend.

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.

46.00

Cross low Sag and ascend.

30.00

Set a post 4 ft. long, 3 ins. square, with marked stone
 12 ins. in the ground, for Cor. to Secs. 27, 28, 33 & 34
 marked T/16 N. S. 27, on N. E. R. 27 E., S. 34
 on S. E. S. 33 on S. W. and S. 28 on N. W. face
 with 1 notch on S. and 3 notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base
 around post.

Land rolling.

Soil

2nd

rate

Vegetation.

grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 27 and 34.
Variation $14^{\circ} 28'$ East.

*Ascend.*12.00 Top of Ridge, bears N. 10° W. $\&$ S. 10° E. and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

26.27.34 & 35 from which corner, I run

N. $89^{\circ} 37'$ W. on a true line between sections 27 & 34Variation $14^{\circ} 28'$ 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.

79.50 The corner to sections 27, 28, 33 & 34

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N

Range

27

E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation

14° 28'

East.

Ascend.

26.00

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

55.60

Cross low Sag and ascend.

80.00

Set a Lava stone 16 x 12 x 9 ins. 10 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28 marked with 2 notches on S. and 3 notches on E. edges, dug pits 18 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. *along side*

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation 14° 28' East.

Descend.

40.00 Set temporary 1/2 Sec. Cor.

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

22 23 26 & 27 from which corner, I run

N. 89° 48' W. on a true line between sections 22 & 27

Variation 14° 28' East

39.83

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

79.67

The corner to sections 21, 22, 27 & 28

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Chains

North, between Sections 21 and 22.

Variation $14^{\circ} 25'$ 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, 15, 16, 21 & 22
marked T, 16 N. S. 15, on N, E, R, 27 E., S. 22
on S, E, S, 21 on S, W, and S, 16 on N, W, face
with 3 notches on S, and 3 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft, dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
around post.

Land rolling.

Soil 2^{nd} rate

Vegetation grass & sage

Township

10 N.

BOOK 253

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 28'

East.

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

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

79.95 Intersect N. & S. line, 42 lks. N. of cor. to secs.

14.15.22 & 23 from which corner, I run

N. 89° 42' W. on a true line between sections 15 & 22

Variation

14° 28'

East

39.97

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

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

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

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

79.95

The corner to sections 15. 10. 21 & 22

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N.

BOOK 253

Range 27 E.

Gila and Salt River Meridian.

Chains North, between Sections 15 and 16.

Variation $14^{\circ} 28'$ 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.

64.00 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, 9, 10, 15 & 16 marked T, 16 N. S. 10, on N, E, R, 27 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 & sage.

Township 10 N. Range 24 E.
Gila and Salt River Meridian.

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

Variation $14^{\circ} 28'$ East.

Ascend.

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

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

10.11.14 & 15 from which corner, I run

N. $89^{\circ} 54' W.$ on a true line between sections 10 & 15

Variation $14^{\circ} 28'$ East

40.07 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.

80.14 The corner to sections 9, 10, 15 & 10

Land rolling.

Soil g^{no} rate

Vegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian

Chains

North, between Sections 9 and 10.

Variation 14° 28' 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.

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 x 10 marked T, 16 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 rolling.

Soil 2nd rateVegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 3 and 10.
 Variation $14^{\circ} 28'$ East.

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

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

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

 $S 89^{\circ} 54' W.$ on a true line between sections 3 & 10Variation $14^{\circ} 28'$ East

40.21 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.

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

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, on a ^{true.} ~~random~~ line between Sections 3 and 4.Variation $14^{\circ} 28'$ East.*Ascend.*

0.52 Intersect the 14° Standard Parallel North at a point 2.33 chs. West of the Standard Cor. to Secs. 33 and 34. T. 17 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked "T. 17 N. R. 27 E. on N. E. 30 on E. S. 4 on S. 4 on W. faces, with 3 notches on E. and 3 notches on W. faces with pits $18 \times 18 \times 12$ ins. N. E. & W. of post and a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{clearing} Cor. to Secs. 3 and 4 marked C. C., T. 16 N. R. 27 E., on S. 3 on E. and S. 4 on W. faces, with 3 notches on E. and 3 notches on W. faces, dug pits $18 \times 18 \times 12$ ins. S. E. & W. of post, $5\frac{1}{2}$ 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 & sage.

March 28. 1883

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

4.5-

Chains From the corner to sections, ^{32 & 33 on S By JF}
 Which is post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked T. 16 N. S. 33 on N. E. R. 27 E. S. 4 on S. E. T. 15 N. S. 5 on S. W. & S. 32 on N. W. faces, with 4 notches on E. and 2 notches on W. 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

A Cedar 20 ins. diam. bears N. 16° W. 57 lks. dist.
 marked T. 16 N. R. 27 E. S. 32 B. T.

A Cedar 24 ins. diam. bears N. 51° E. 108 lks. dist.
 marked T. 16 N. R. 27 E. S. 33 B. T.

A Cedar 30 ins. diam. bears S. 45° E. 146 lks. dist.
 marked T. 15 N. R. 27 E. S. 4 B. T.

A Cedar 16 ins. diam. bears S. 26° W. 211 lks. dist.
 marked T. 15 N. R. 27 E. S. 5 B. T.

North between sections 32 & 33

Ascend. Variation 14° 14' 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.

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. 16 N. S. 28, on N, E, R. 27 E. S. 33. on S, E, S, 32 on S, W, and S, 29 on N, W, face with | notch on S, and 4 notches on E, edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.
 Soil 2 1/2

rate

Vegetation Grass & Sage

35 Township 16 N. Range 27 E.
Gila and Salt River Meridian.

Chains East, on a random line between Sections 28 and 33.
Variation 14° 28' East.

Ascend.

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

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

27.28.33 & 34 from which corner, I run

N. 89° 56' W. on a true line between sections 28 & 33

Variation 14° 28' East

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

80.26 The corner to sections 28. 29. 32 & 33

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation

11° 28'

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. 20, 21, 28 & 29
marked T, 16 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 rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 21 and 28.
 Variation $11^{\circ} 28'$ East.

Descend.

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

80.15 Intersect N. & S. line, 22 lks. S. of cor. to secs.
 21, 22, 27 & 28 from which corner, I run
 189° 51' W. on a true line between sections 21 & 28
 Variation $11^{\circ} 28'$ East

4407 Set a Sand stone $14 \times 12 \times 9$ ins., 10 ins.
 in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
 dug pits $18 \times 18 \times 12$ ins., E. and W. of stone $5\frac{1}{2}$
 ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
 ft. base alongside.

80.15 The corner to sections 20, 21, 28 & 29
 Land rolling.
 Soil 2nd rate

Vegetation Grass & sage.

Township

10 N.

BOOK 253

Range

27 E.

38

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 25'

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.

60.00^a

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 10, 17, 20, 21 marked T, 10 N. S. 10, 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 & sage.

Township

10 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend. gradually.*26.50 Top of Ridge, bears *N. & S.* and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

*N. $89^{\circ} 56'$ W. on a true line between sections 10 & 21*Variation $14^{\circ} 28'$ 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.* 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.

79.82 The corner to sections 10, 17, 20 & 21

Land mountainous.

Soil *2nd* rateVegetation *grass & sage.*

Township

10 N

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 28'

East.

*Descend.*36.00 Cross Wash, 10 lks. wide, Course $S. 60^{\circ} W$ 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.

71.00 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, 8, 9, 10 & 17
marked T, 16 N. S. 9, on N, E, R, 27 E., S. 10
on S, E, S, 17 on S, W, and S, 8 on N, W, face
with 4 notches on S, and 4 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
around post.

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 28'

East.

Ascend.

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

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

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

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

S. 89° 46' W. on a true line between sections 9 & 16

Variation 14° 28' East

3980

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.

79.61

The corner to sections 8, 9, 16 & 17

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation 11° 25' 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. 11, 10, 8 & 9 marked T, 16 N. S., 11, 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 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 rateVegetation grass & sage.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.80 Intersect. N. & S. line, 28 lks. N. of cor. to secs.

3.4. 9 & 10 from which corner, I run

 $N. 89^{\circ} 48' W.$ on a true line between sections 4 & 9Variation $14^{\circ} 28'$ 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 $\frac{1}{2}$ 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.

79.80

The corner to sections 11, 5, 8 & 9

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N

Range

27 E.

Gila and Salt River Meridian.

Chains

North, on a ^{true.} random line between Sections 4 and 5.Variation $11^{\circ} 25'$ East.*Ascend.*

5.30

Intersect the 44^{th} Standard Parallel North at a point 2.02 chs. West of the Standard Cor. to Secs. 32 and 33 T. 17 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked S. 17 N. R. 27 E.

S. 4 on E. S. 5 on W. faces, with 4 notches on E. and 3 notches on W. faces, with pits $18 \times 18 \times 12$ ins.

W. E. & W. of post, and a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post. Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{clearing} Cor. to Secs. 4 and 5 marked C, C T. 16 N. R. 27 E., on S. 4 on E. and S. 5 on W. faces, with 4 notches on E. and 3 notches on W. faces, dug pits $18 \times 18 \times 12$ ins. S. E. & W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2^{nd} rate

Vegetation grass & sage.

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

March 29, 1883

Township

16 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

From the corner to sections, ^{0.6} 31-32, in S R₂ 2¹/₂ which is a post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked T. 16 N. S. 32 on N. E. R. 27 E. S. 5 on S. E. T. 15 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 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.

I run

North between sections 31 & 32

Variation 14° 14' 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.

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, 16 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 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 rolling.

Soil 2nd rate

Vegetation Grass & Sage.

Township

10 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

S. $89^{\circ} 48'$ W. on a true line between sections 29 & 32Variation $14^{\circ} 28'$ East

40.16 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.

80.33 The corner to sections 29, 30, 31 & 32.

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N

Range

27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

78.87 Intersect W. B. of Tp. 10 lks. S. of cor. to secs.

25, 30, 31 & 30. Which is a post 4 ft. long, 4 ins. square, marked T. 16 N. S. 30 on N. E. R. 27 E, S. 31 on S. E. R. 26 E, S. 30 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., $5\frac{1}{2}$ ft. dist., and a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post from which corner, I run

S. $89^{\circ} 53' E.$ on a true line, between sections 30 & 31Variation $14^{\circ} 28'$ East.

38.87 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.

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

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N Range 27 E

Gila and Salt River Meridian.

Chains North, between Sections 29 and 30.

Variation $11^{\circ} 28'$ 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.

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, 16 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.

Six Springs called Siela Yoz bears as follows
 Crawford Spring bears N. 59° E. 17.88 chs. dist.
 Lavenport Spring bears N. 62° E. 18. chs. dist.
 Beck Spring bears N. $62\frac{1}{2}^{\circ}$ E. 17. chs. dist.
 Ebert Spring bears N. 52° E. 19 chs. dist.
 Mahon Spring bears N. 52° E. 20 chs. dist.
 Coe Spring bears N. 50° E. 23.87 chs. dist.
 Crawford's House. bears N. 52° E. 17. chs. dist.
 Land rolling.
 Soil 2nd rate. Vegetation grass & sage.

Township 10 N Range 27 E

Gila and Salt River Meridian.

Chains East, on a random line between Sections 20 and 29.
Variation $11^{\circ} 28'$ East.

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

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

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

20.21.28 & 29 from which corner, I run

 $S. 89^{\circ} 56' W.$ on a true line between sections 20 & 29Variation $11^{\circ} 28'$ East

40.30 Set a Sand stone $14 \times 10 \times 9$ ins., 10 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
dug pits $18 \times 18 \times 12$ ins., E. and W. of stone $5\frac{1}{2}$
ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base alongside.

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

Land mountainous.

Soil 2nd rate

Vegetation grass & sage.

Chains

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

Variation $14^{\circ} 25'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.12 Intersect W. B. of Tp. 31 lks. S. of cor. to secs.

19, 24, 25 & 30. Which is a post-4 ft. long, 4 ins. square, 12 ins. in the ground, marked T. 16 N. S., 19 on N. E., R. 27 E. S. 30 on S. E., R. 26 E., S. 25 on S. W. and S. 24 on W. face, with 2 notches on S. and 4 notches on N. 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} which corner, I run

$\angle 89^{\circ} 47' E.$, on a true line, between sections 19 & 30

Variation $14^{\circ} 25'$ East.

39.12

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.

79.12

The corner to sections 19, 20, 29 & 30

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

16 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation $111^{\circ} 28'$ East.

Descend.

40.00

Set a Sand stone $14 \times 12 \times 8$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ins., N. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

50.00

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

60.00

Cross Wash, 10 lks. wide, Course S. W. and ascend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 17, 18, 19 & 20 marked T, 16 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 5 notches on E, edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation 14° 28' East.*Ascend.*21.15 Cross Wash, 10 lks. wide, Course S. W.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.80.47 Intersect N. & S. line, 31 lks. S. of cor. to secs.16, 17, 20 & 21 from which corner, I runS. 89° 47' W. on a true line between sections 17 & 20Variation 14° 28' East40.23

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 $\frac{1}{2}$ S. onN. 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.80.47The corner to sections 17, 18, 19 & 20

Land rolling.

Soil 2nd rateVegetation grass & sage.

Township 16 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

13. 18. 19 & 24. which is a sand stone
 $12\frac{1}{2} \times 10 \times 9$ ins., 10 ins. in the ground marked
 with 3 notches on S. and 3 notches on
 N. edges, with feet $18 \times 18 \times 12$ ins. in
 each Sec, $5\frac{1}{2}$ ft. dist. and a mound
 of earth 2 ft. high, $4\frac{1}{2}$ ft. base
 alongside.

from which corner, I run

S. $89^{\circ} 50'$ E, on a true line, between sections 18 & 19Variation $14^{\circ} 28'$ East.

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

79.47 The corner to sections 17. 18. 19 & 20

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chains North, between Sections 17 and 18.

Variation $14^{\circ} 25'$ East.

Ascend.

40.00

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

60.00

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

80.00

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 7, 8, 17 & 18 marked T. 16 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. faces, with 4 notches on S. and 5 notches on E. edges, from which

A Cedar 12 ins, diam, bears N. 20° E. 87 lks, dist, marked T. 16 N. R. 27 E. S., 8 B. T.

A Cedar 14 ins, diam, bears N. 17° W. 26 lks, dist, marked T. 16 N. R. 27 E. S., 7 B. T.

A Cedar 10 ins, diam, bears S. 10° E. 43 lks, dist, marked T. 16 N. R. 27 E. S., 17 B. T.

A Cedar 8 ins, diam, bears S. 23° W. 76 lks, dist, marked T. 16 N. R. 27 E. S., 18 B. T.

Land mountainous

Soil 2nd rate

Timber of Cedar,

Vegetation. Grass & sage.

Township

10 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $11^{\circ} 28'$ East.*Ascend.*40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

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

52.60 Leave Timber, bears N. 20° E. & S. 20° W.

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

8.9. 10 & 17 from which corner, I run

N. $89^{\circ} 53'$ W. on a true line between sections 8 & 17Variation $14^{\circ} 28'$ East40.17 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground,
for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on N. face; from whichA Cedar 10 ins, diam, bears N. 23° E. 92 lks, dist,
marked $\frac{1}{2}$ S. B. T.A Cedar 12 ins, diam, bears S. 37° W. 43 lks, dist,
marked $\frac{1}{2}$ S. B. T.

80.35 The corner to sections 7, 8, 17 & 18

Land mountainous

Soil 2nd rate

Timber of Cedar

Vegetation. Grass & sage.

March. 30. 1883

Township 10 N Range 27 E

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.

Descend.

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

53.20 Leave Timber, bears N. E. & S. W.

78.32 Intersect W. B. of Tp. 11 lks. N. of cor. to secs.

7, 12, 13, 18 Which is a post 4 ft. long,
4 ins. square, 12 ins. in the ground marked
T. 16 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. faces,
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. & a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base
around post from which corner, I run

N. $89^{\circ} 55'$ E. on a true line, between sections 7 & 18Variation $14^{\circ} 28'$ East.38.32 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from whichA Cedar 10 ins, diam, bears N. 54° E. 27 lks, dist,
marked $\frac{1}{4}$ S. B. T.A Cedar 14 ins, diam, bears S. 29° W. 1.12 lks, dist,
marked $\frac{1}{4}$ S. B. T.78.32 The corner to sections 7, 8, 17 & 18
Land rolling.Soil 2nd rate

Timber of cedar.

Vegetation. grass & sage.

Township

10 N

Range

27 E

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation $14^{\circ} 28'$ East.*Descend.*

- 5.00 Cross Wash, 5 lks. wide, Course W. and ascend.
- 36.09 Leave Timber, bare N. E. & S. W.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

- 80.00 Set a 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, 10 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 5 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 2^{nd} rate

Vegetation grass & sage.

Township 10 N. Range 27 E.

Gila and Salt River Meridian.

Chairs East, on a random line between Sections 5 and 8.
Variation $14^{\circ} 28'$ East.

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

80.13 Intersect N. & S. line, 41 lks. N. of cor. to secs.

H. 5:5' 9" from which corner, I run

N. $89^{\circ} 42'$ W. on a true line between sections 5 & 8Variation $14^{\circ} 28'$ East

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
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 5, 6, 7 & 8:

Land rolling.

Soil g^{rd} rate

Vegetation grass & sage.

Township 16 N. Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.

Descend.

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

79.52 Intersect W. B. of Tp. 0 lks. N. of cor. to secs.

16. 7. & 12. Which is a post 4 ft. long,
4 ins. square, 12 ins. in the ground
marked T. 16 N. S. on N. E. R. 27 E. &
7 on S. E. R. 26 E. S. 12 on S. W. and S. 1 on
N. W. faces, with 5 notches on S. and 1 notch
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 ^{set} from which corner, I run

N. $89^{\circ} 57'$ E. on a true line, between sections 6 & 7Variation $14^{\circ} 28'$ East.

29.52 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.

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

Land rolling.

Soil 2nd rate

Vegetation grass & sage.

Township

10 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 28'$ East.*Ascend.*

5.16

Intersect the 4th Standard Parallel North at a point 220 chs. West of the Standard Cor. to Secs 31 & 32 T. 17 N. R. 27 E.

Which is a post 4 ft. long, 4 ins. square, 12 ins. in the ground, marked ^{S. E.} T. 17 N. R. 27 E. on N. & S. faces, & 1 notch on E. & 1 notch on W. faces.

of post, and a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{Corner} Cor. to Secs. 5 and 6 marked C. C. T. 16 N. R. 27 E., on S. S. 5 on E. and S. 6 on W. faces, with 5 notches on E. and 1 notch on W. faces, dug pits 18 x 18 x 12 ins. S. E. W. of post, $3\frac{1}{2}$ 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 & sage. March 31, 1853

BOOK 253
GENERAL DESCRIPTION.

This Township is a high rolling Mesa, interspersed with small valleys, covered with a growth of scrub cedar, and, an abundance of nutritious grasses, affording excellent grazing.

The soil can be classed as L. 7a.

For final notes see
book No. 13

U. S. Surveyor General's Office,

Tucson, Arizona, June 17, 1884

The foregoing Field Notes of the Survey of the

Subdivision Lines of
 Township 16 North
 Range 27 East

Of the Gila and Salt River Base and Meridian, Arizona, executed by O. K. Wheeler

Deputy Surveyor, under his contract of the 17th
 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

Royal Johnson
 Surveyor General.

TRAVERSE TABLE FOR TRANSIT BOOK,
From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	85
1	99.98	1.75	99.98	2.18	99.97	2.62	99.55	3.05	84
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	83
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	82
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	81
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	80
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	79
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	78
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	77
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	76
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	75
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	74
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	73
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	72
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	71
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	70
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	69
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	68
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	67
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	66
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	65
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	64
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	63
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	62
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	61
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	60
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	59
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	58
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	57
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	56
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	55
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	54
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	53
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	52
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	51
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	50
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	49
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	48
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	47
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	46
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	45
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	44
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	43
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	42
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	41
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		

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