

*Revised
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Book No. III

O.K.

W. E. Shoemaker Deputy Surveyor.

T. 2 S. **R.** 10 E.

Gila and Salt River Meridian.

BOOK 613

613

FIELD NOTES

OF *No. 613*

THE SUBDIVISION LINES OF

Township 2 S. Range 10 E.

Gila and Salt River Meridian.

BY

W. E. Shoemaker Deputy Surveyor.

Under his Contract of August 5 1882

Survey Commenced July 1 1884

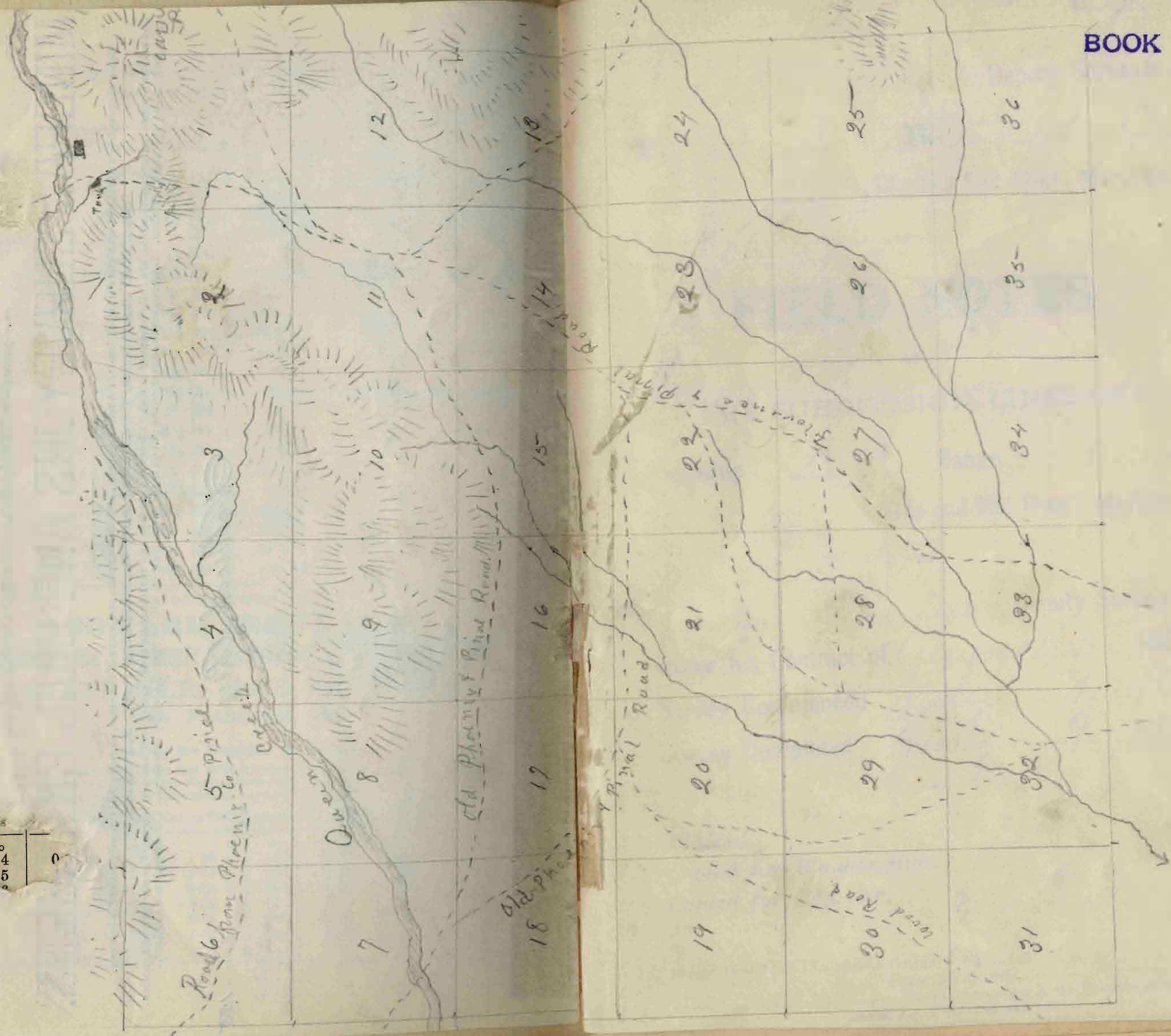
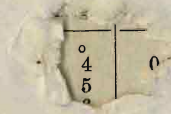
Survey Completed July 9 1884

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Township 2 South, Range 10 East

Sils and Salt River mountains

BOOK 613



Road 6 from Phoenix to Oakes

Old Phoenix River Road

Yermal Road

Flowermead Road

Wood Road

12

13

24

25

26

11

14

23

26

25

3

10

15

22

27

24

4

9

16

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23

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18

19

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31

No. 613

BOOK 613

A. E. Shoemaker Deputy Surveyor.

T. 2 S. R. 10 E.

Gila and Salt River Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 2 S. Range 10 E.

Gila and Salt River Meridian.

BY

A. E. Shoemaker Deputy Surveyor.

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Gila, and Salt River Base and Meridian.

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BOOK 613

Township

Range

Meridian.

Cors. reestablished Jan. 23, 1937 by
Ariz. State Land Department
as per diagram hereto attached.

Township _____ Range _____

Meridian.

For preliminary
notes see book No. 1

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

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

1 C Township

Range

10 E

(See previous page)

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 52'$ East.

Over level land

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

71.10 Cross Wash, 12 fks. wide, Course N. 88° W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. in Secs. 25, 26, 35, 36 marked T, 2 S. S. 25, on N, E, R, 10 E. S. 36 on S, E, S, 35 on S, W, and S, 26 on N, in face with / notch on S, and / notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.

Land level.

Soil ^{3rd} rate

Vegetation Grass. Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation

13° 53'

East.

*Over level land*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.80.31 Intersect E. B. of Tp. 18 lks. N. of cor. to secs.
previously set by me.

25.30.31.36 from which corner, I run

N. 89° 52' W. on a true line, between sections 25.36

Variation 13° 54' 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.

80.31 The corner to sections 25.26.35.36

Land level.

Soil 3rd rate

Vegetation

Grass. Sage.

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation

13° 53' East.

Over level land

40.00

Set a Lava stone $20 \times 14 \times 7$ ins., 13 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ins. N. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.00

Set a 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, 2 S, 24, on N, E, R, 10 E, S, 25 on S, E, S, 26 on S, W, and S, 23 on N, W, face with 2 notches on S, and 1 notch on E, edges, dug pits $18 \times 18 \times 12$ 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 level.

Soil 3rd rate

Vegetation

Grass. Sage.

Township 2 S.Range 10 E.

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 54'$ East.

Over level land

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.92 Intersect E. B. of Tp. 16 lks. S. of cor. to secs.
previously set by me.

19.24.25.30 from which corner, I run

 $89^{\circ} 53' W.$ on a true line, between sections 24.25Variation $13^{\circ} 55'$ 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 $\frac{1}{4}$ 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.

79.92 The corner to sections 23.24.25.26

Land level.

Soil 3rd rateVegetation Grass. Sage.

Chains

North, between Sections 23 and 24.

Variation $13^{\circ} 04'$ East.*Over level land*12.00 Cross Wash, 20 yds. wide, Course $S. 60^{\circ} W.$ 40.00 Set a Lava stone $18 \times 7 \times 7$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.80.00 Set a Lava stone $17 \times 14 \times 8$ ins. 12 ins. in the ground for Cor. to Secs. 13, 14, 23, 24 marked with 3 notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pits impracticable.*Land level.*Soil 3^{rd} rate

Vegetation Grass & Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 55'$ East.

Over level land

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

63.40 Cross Road, bears, N. W. S. E.

80.10 Intersect E. B. of Tp. 28 lks. N. of cor. to secs. previously set, by me.

13. 18. 19. 24 from which corner, I run

N. 89° 48' W. on a true line, between sections 13. 24

Variation $13^{\circ} 55'$ East.

4005 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.

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

Land level.

Soil 3^{rd} rate

Vegetation Grass. Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation

13° 55'

East.

Over level land

19.26 Cross Wash, 18 lks. wide, Course S. 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.

78.14 Cross Road, bears, N. W. - S. E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. Secs. 11, 12, 13, 14
marked T, 1 S. S. 12, on N, E, R, 10 E. S. 13
on S, E, S, 14 on S, W, and S, 11 on N. 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 level.

Soil 3rd rate

Vegetation

Grass. Sage.

Township

2 S

Range

10 E

S

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 56'$ East.

Over level land

20.10 Cross Wash, 13 lks. wide, Course $S. 15^{\circ} W.$

29.75 Leave Chain, ascend slope bears N. S.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.80.02 Intersect E. B. of Tp. 15 lks. N of cor. to secs.
previously set by me.

7.12. 13. 18 from which corner, I run

 $N. 89^{\circ} 54' W.$ on a true line, between sections 12 & 13Variation $13^{\circ} 56'$ 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. onN. face, and raised a mound of stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post. Pits impracticable.

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

Land level.

Soil 3^{rd} rate

Vegetation

Grass. Sage.
July 1, 1884

9 Township 2 S Range 10 E
 Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation 13.56' East.

Over level land

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

71.41 Cross Pinel & Florence Road
bears N. 60° E. S. 60° W.

80.00 Set a Sand stone 10 x 10 x 0 ins. 11 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12 marked with 3 notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pits impracticable.

Land level.

Soil 3rd rate

Vegetation Grass, Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation

13° 57'

East.

Over level land

14.79

Cross

Pinal and Florence Road
beare N. 65° E. S. 65° W.

40.00

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

68.86

Ascend.

Spur beare S. 75° W.

80.22

Intersect

E. B. of Tp. 43 Nks. S. of cor. to secs.

previously set by me.
10.7 from which corner, I run

S. 89° 42' W. on a true line, between sections 1, 12

Variation

13° 56' 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.

80.22

The corner to sections 1, 2, 11, 12

Land level.

and rolling.

Soil

3rd rate

Vegetation

Grass & Sage.

Township 2 S

Range 10 E

Gila and Salt River Meridian.

Chains

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

Variation 13° 57' East.

Over level land

10.00 Cross Road, bears, N. 10° E. S. 10° W.

10.67 Cross Wash, 13 lks. wide, Course S. W.

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

42.71 Cross Wash, 14 lks. wide, Course S. 70° E.

45.00 Ascend.

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

80.30 Intersect N. B. of Tp. 20 lks. E. of cor. to secs. previously set by me.

12.33 30 from which corner, I run

S. 9' E. on a true line, between sections 1, 2

Variation 13° 57' East.

40.30 Set a Sand stone 23 x 10 x 10 ins., 18

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

face, and raised a mound of stone alongside. Pits

impracticable.

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

Land level. and mountainous.

Soil 3rd rate

Vegetation Grass. Sage.

Township 2 SRange 10 E

Gila and Salt River Meridian.

Chains

from the corner to sections, 2, 3, 34 & 35 on S. 18. of 1/4
 previously set by me, Linn
 North, between Sections 34 and 35.

Variation 13° 53' East.

Over level land

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

69.90 Cross Wash, 27 fks. wide, Course N. 80° W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
 12 ins. in the ground, for Cor. to Secs, 26, 27, 34, 35 -
 marked T, 2 S. S, 26, on N, E, R, 10 E S. 35 -
 on S, E, S, 34 on S. W, and S, 27 on N, W, face
 with 1 notch on S, and 2 notches on E, edges,
 dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
 and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
 around post.

Land level.

Soil 3rd rateVegetation Grass. Sage.

Chains

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

Variation $13^{\circ} 53'$ East.

Over level land

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

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

26, 26.35, 26 from which corner, I run

N. $89^{\circ} 54'$ W. on a true line between sections 26, 35Variation $13^{\circ} 53'$ 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. 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.

79.78

The corner to sections 26, 27, 34, 35

Land level.

Soil 3rd rate

Vegetation

Grass, Sage.

Township 2

Range 10

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 13° 53' East.

Over level land

8.24 Over Wash, 30 lks. wide, Course S. 63° W
 40.00 Set a Sara stone 1' x 11' ins., 12 ins.
 in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face,
 dug pits 18 x 18 x 12 ins., N. and S. of stone 5 $\frac{1}{2}$
ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$
ft. base alongside.

68.58 Cross Wash, 13 lks. wide, Course S. W.
 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
 12 ins. in the ground, for Cor. to Secs. 22. 23. 26. 27
 marked T, 2 S. 23. on N, E, R, 10 E. S. 20
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 level. and rolling.

Soil 3^d rate

Vegetation Grass. Sage.

Township

2 S

BOOK 613

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation 13° 56' East.

Over level land

777 Cross Wash, 11 lks. wide, Course S. W.

40.00 Set temporary 1/4 Sec. Cor.

7440 Cross Wash, 12 lks. wide, Course S. 38° W.

8009 Intersect N. & S. line, 37 lks. S. of cor. to secs.

23.24.25.26 from which corner, I run

S. 89° 44' W. on a true line between sections 23.26

Variation 13° 54' East

4004 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.

8009 The corner to sections 22.23.26.27

Land level.

Soil 3rd rate

Vegetation Grass. Sage.

Township

2 S 100

Range

10 E

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $13^{\circ} 56'$ East.*Over level land*

40.00 Set a sand stone $20 \times 15 \times 5$ ins., 19 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W face, and raised a mound of stone alongside. Pits impracticable.

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, 2 S. S. 14, on N, E, R, 10 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 $18 \times 18 \times 12$ 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 level.*Soil 3rd rate

Vegetation

Grass. Sage.

17 Township 2 S Range 10 E
 Gila and Salt River Meridian.

Chains East, on a random line between Sections 14 and 23.
 Variation 13° 57' East.

Over level land

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

65.16 Cross Wash, 24 lks. wide, Course S.

79.71 Intersect N. & S. line, 12 lks. N. of cor. to secs.
 13, 14, 22, 23 from which corner, I run

N. 89° 55' W. on a true line between sections 14, 23
 Variation 13° 55' East

39.85 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.

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

Land level.

Soil 3rd rate

Vegetation Grass Sage.

July 2, 1884

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

13° 57' East.

Over level land

10.10

Cross

Florence & Pinal Road
bear 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, 10, 11, 14, 15
marked T, 2 S. S, 11, on N, E, R, 10 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 level.

Soil 3rd rate

Vegetation

Grass & Sage.

19° Township 2 S. Range 10 E.
 Gila and Salt River Meridian.

Chains East, on a random line between Sections 11 and 14.
 Variation 13° 57' East.

Over level land

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

57.33 Cross Road, between Florence & Pinal
 bears N. 20° E., S. 20° W.

78.00 Cross Road, bears S. E. N. W.

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

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

N. 89° 47' W. on a true line between sections 11 & 14

Variation 13° 56' 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.

80.21 The corner to sections 10. 11. 14. 15

Land level.

Soil 3rd rate

Vegetation Grass. Sage

Township

2 S

Range

10 E

20

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

13° 57'

East.

Over level land

9.19 Cross old road between Phoenix
and Pinal bears S. 72° W., N. 72° E.

14.28 Cross Wash, 19 lks. wide, Course S. 65° 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.

58.00 Ascend.

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

80.00 Set a sand stone 18 x 8 x 8 ins. 2 ins. in
the ground for Cor. to Secs. 2, 3, 10 & 11 marked
with 8 notches on S. and 2 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

Land level, & mountainous.

Soil 3rd rate

Vegetation

Grass & Sage.

21 Township 2 S. Range 10 E.

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 57'$ East.

Ascend.

- 57.00 Top of Ridge, bears *N. E. S. Wand descend.*
- 28.00 *End of Chain bears N. 40° E. S. 40° W.*
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 71.70 Cross Wash, *31* lks. wide, Course *S. 40° W.*
- 75.16 Cross Road, bears *N. 41° E. S. 41° W.*
- 79.87 Intersect *N. & S. line, 22* lks. *S.* of cor. to secs.
- 12.11.12 from which corner, I run
 $S. 89^{\circ} 57' W.$ on a true line between sections *2, 11*
 Variation $13^{\circ} 57'$ 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.
- 79.87 The corner to sections *2, 3, 10, 11*
 Land mountainous.
 Soil *3rd* rate
 Vegetation *Grass & Sage.*

Township 2 S Range 10 E

Gila and Salt River Meridian.

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

Variation 13° 57' East.

Descend.

37.00 Leave slope bears N. E. S. W. ¹⁰ ends Chain

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

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

23.34.33 from which corner, I run

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

Variation 13° 57' East.

39.95 Set a Sand stone 26 x 10 x 5 ins., 19 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

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

Land mountainous. and level.

Soil 3rd rate

Vegetation Grass, Sage.

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

From the corner to sections, 3, 4, 33 + 34 on S. 13. of 4/1
previously set by me. Run

Chains

North, between Sections 33 and 34.

Variation 13° 53' East.

Over level land

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

42.20 Cross Wash, 19 lks. wide, Course S. 57° W.

80.00 Set a post 4 ft. long, 1 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 27, 28, 33, 34
marked T, 2 S. S. 27, on N, E, R, 10 E. S. 34
on S, E, S, 33 on S. W. and S, 28 on N, W, face
with 1 notch on S, and 3 notches on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., 5 $\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft, high, 4 $\frac{1}{2}$ ft, base
around post.

Land level.

Soil 3rd rate

Vegetation Grass. Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 53'$ East.

Over level land

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

70.10 Cross Wash, 26 lks. wide, Course $S. 58^{\circ} W.$

80.26 Intersect N. & S. line, 65 lks. N. of cor. to secs.

26.27.34.35 from which corner, I run

$N. 84^{\circ} 32' W.$ on a true line between sections 27 & 34

Variation $13^{\circ} 53'$ 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 27, 28, 33, 34

Land level.

Soil 3^{rd} 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.

July 3. 1884

Township

2 S.

BOOK 613

Range

10 E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $13^{\circ} 53'$ East.

Over level land

11.00 Cross Wash, 15 lks. wide, Course S. 50° W.
 22.41 Leave Florence & Tinal Road
 bears 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.

59.00 Cross Road, bears E and W

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, 2 S. S. 22, on N, E, R, 10 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 level.

Soil 3rd

Vegetation

rate
 Grass, Sage.

Township *2 S*

Range *10 E*

Gila and Salt River Meridian.

Chains

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

Variation *13° 54'* East.

Over level land

40.00 Set temporary 1/2 Sec. Cor.

*57.60 Cross Florence + Canal Road
bearing N. 20° W., S. 20° E.*

79.70 - Intersect N. & S. line, 12 lks. N. of cor. to sect.

22. 23. 26. 2' from which corner, I run

N. 89° 55' W. on a true line between sections 22. 27

Variation *13° 56'* East

39.87

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.*

79.70

The corner to sections 21. 22. 27. 28

Land level.

Soil. 3rd rate

Vegetation Grass. Sage.

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation 13' 54' East.

Over level land

13.40 Cross Wash, 6 lks. wide, Course W.
 18.27 Cross Road, bears, E, W.
 40.00 Set a Lava stone 26 x 16 x 5 ins., 19
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W.
 face, and raised a mound of stone alongside. Pits
 impracticable.

76.00 Cross old road between
 Phoenix & Orial.

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 2 S. S. 15, on N, E, R, 10 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 level.

Soil 3rd rate

Vegetation

Grass. Sage.

Township 2 S. Range 10 E.

Gila and Salt River Meridian.

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

Variation 13° 55' East.

Over level land

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

75.60 Cross Road between Pinal & Toloune
beans N. E. S. W.

80.20 Intersect N. & S. line. 4 8 lks. S. of cor. to sec.

14.15.22, 23 from which corner, I run

S. 89° 39' W. on a true line between sections 15 & 22

Variation 13° 57' East

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

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

N. face, dug pits, 18 x 18 x 12 ins., E. and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

80.20 The corner to sections 15, 16, 21, 22

Land level.

Soil (3rd) rate

Vegetation

Grass. Sage.

Township 2 SRange 10 E

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

13° 55' East.

Over level land

- 22.60 Cross Wash, 13 lks. wide, Course W.
- 37.60 Cross Wash, 10 lks. wide, Course 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 $\frac{1}{2}$ 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.
- 47.60 Cross Wash, 9 lks. wide, Course S. 40° W.
- 56.60 Cross Old Phoenix and Arial Road
beave E. & W.
- 58.00 Lean Chain, ascend slope bearing
E. & W.
- 60.00 Set a Lava stone 20 x 10 x 10 ins., 15 ins. in
the ground for Cor. to Secs. 9, 10, 15 & 16 marked
with 4 notches on S. and 3 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

Land level.

Soil Snd rate

Vegetation

Grass & Sage.

No. 613

BOOK 613

30

Township 2 S

Range 10 E

Gila and Salt River Meridian.

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

Variation $13^{\circ} 55'$ East.

Descend.

31.00 Leave slope bear $N. 25^{\circ} E.$ $S. 25^{\circ} W.$ 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

45.15 Cross Wash, 22 lks. wide, Course S.

64.20 Cross Old Phoenix and Pinal Road
bear $N. 72^{\circ} E.$ $S. 72^{\circ} W.$

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

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

 $N. 89^{\circ} 55' W.$ on a true line between sections 10 & 15Variation $13^{\circ} 57'$ East40.00 Set a Sand stone $26 \times 5 \times 5$ ins., 19
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

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

Land mountainous. level.

Soil 3rd rate

Vegetation Grass & Sage.

Township 2 SRange 10 E

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation 13° 55' East.*Ascend.*

40.00 Set a Lava stone 26 x 15 x 5 ins., 19 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

63.50 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, 3, 4, 9 & 10 marked T. 2 S. S. 3, on N, E, R, 10 E. S. 10 on S, E, S, 9 on S, W, and S, 14 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. di k., and raised a mound of earth 2 ft, high, 4 $\frac{1}{2}$ ft, base around post.

Land mountainous.

Soil 3rd rate

Vegetation Grass & Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation

13° 55'

East.

Over broken land.

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

80.38 Intersect N. & S. line, 25 lks. S. of cor. to sec.

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

S. 89° 49' W. on a true line between sections 3 & 10

Variation

13° 57'

East

40.19 Set a Lava stone 15 x 7 x 5 ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

80.38 The corner to sections 3, 4, 9, 10.

Land rolling.

Soil 3rd

rate

Vegetation

Grass & Sage.

Township *2 S*Range *10 E*

Gila and Salt River Meridian.

Chains

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

Variation *13° 58'* East.

Over broken land.

Descend.

- 5.14 Enter level Prairie bears E. & W.
- 37.10 Cross Wash, 7 lks. wide, Course *N. 55° W.*
- 40.00 Set temporary $\frac{1}{2}$ Sec. Cor.
- 62.00 ^{Wash} ~~Intersect~~ Wash, 16 lks. wide, Course *S. 55° W.*
- 65.80 ^{Wash} ~~Intersect~~ Wash, 16 lks. wide, Course *S. 55° W.*
- 74.00 ^{Chase} ~~Intersect~~ between Florence, Arizal bears *N. 88° E. 100° W.*
- 76.00 Leave Prairie, ascend over broken surface bears *E. 100° W.*
- 80.33 Intersect *N. B.* of Tp. *21* lks. *E.* of cor. to secs.
^{manually set by me.}
 34.33 - 34 from which corner, I run
 S. 91° E. on a true line, between sections *3, 14*
 Variation *13° 55'* East.
- 70.33 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.
- 80.33 - The corner to sections *3, 7, 9, 10*
 Land mountainous.
 Soil *3rd rate*
 Vegetation *Grass, Sage.*
July 4. 1884

Township

Range

10 E

Gila and Salt River Meridian.

From the corner to sections, 4, 5, 32 & 33 on S. R. of 10 E
 previously set by me. *Iron*
 North, between Sections 32 and 33.

Chains

Variation

13° 07'

East.

Over level land

40.00

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

48.50

Cross Wash, 38 lks. wide, Course S. W.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone
 12 ins. in the ground, for Cor. to Secs. 28, 29, 32, 33
 marked T. S. 28, on N, E, R, 10 E, 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., $5\frac{1}{2}$ ft. dist.,
 and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base
 around post.

Land level.

Soil 3rd rate

Vegetation Grass. Sage.

BOOK 613

35

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 54'$ East.

Over level land

2990 Cross Wash, 16 lks. wide, Course $S. 10^{\circ} W.$

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

70.10 Cross Road, bears, $N. \& S.$

70.28 Cross Wash, 45 lks. wide, Course $S. W.$

79.91 Intersect $N. \& S.$ line, 12 lks. $N.$ of cor. to secs.

27.28.33, 34 from which corner, I run

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

Variation $13^{\circ} 53'$ East

3295- 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.

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

Land level. and rolling.

Soil 3^{rd} rate

Vegetation Grass. Sage.

Township

2 S 10 E

Range

10

E

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation

13° 54'

East.

Over level land

40.00

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

58.78

Cross Road, bears, N. 20° E. S. 20° W.

10.00

Set a Sand stone $54 \times 16 \times 6$ ins. 4 ins. in the ground for Cor. to Secs. 20, 21, 28, 29 marked with 3 notches on S. and 4 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land level.

Soil 30^x

rate

Vegetation

Grass. Sage.

Township

2 S.

Range

10

E.

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 55'$ East.

Over level land

2261

Cross Road, bears,

S. W. + N. E.

40.00

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

6316

Cross Wash, 15' lks. wide, Course

S. 13° E.

7980

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

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

N. $87^{\circ} 50'$ W. on a true line between sections 21 + 28Variation $13^{\circ} 54'$ East

3990

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.

7980

The corner to sections 23, 21, 28, 29

Land level and rolling.

Soil 3rd rate

Vegetation

Grass + Sage.

Township

2 S

BOOK 613

Range

10 E

38

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

13° 55'

East.

Over level land

38.37

Cross Wash, 44 lks. wide, Course S. 13° W.

44.00

Set a Sand stone 20 x 6 x 5 ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

72.23

Cross Old Road between Phoenix and Chial bears E. W.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 16, 17, 20, 21 marked T. 2 S. S. 16, on N, E, R, 10 E. S. 21 on S, E, S, 20 on S, W, and S, 17 on N, W, face with 3 notches on S, and 4 notches on E, edges, aug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land level.

Soil 3rd rate

Vegetation Grass. Sage.

BOOK 613

3 39

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 56'$ East.

Over level land

33.21 Cross Wash, 8 lks. wide, Course S. W.

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

68.80 Cross Wash, 18 lks. wide, Course S. 55° W.

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

5/16.21.22 from which corner, I run

N. 89° 57' W. on a true line between sections 16 & 21

Variation $13^{\circ} 55'$ East

40.04 Set a Sand stone $26 \times 5 \times 5$ ins., 19 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

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

Land level. and rolling.

Soil 3rd

Vegetation

Grass - Sage.

Township

2 S.

Range

10

E.

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

13° 56'

East.

Over level land

40.00

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

76.12

Cross Phoenix and Pinal Road
near E. " W.

80.00

Set a post 4 ft. long, $\frac{1}{2}$ ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 8, 9, 16, 17
marked T, 28, S, 9, on N, E, R, 10 S, S. 16
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 level.

Soil 3^{rd}

rate

Vegetation

Grazz. Sage.
July 5. 1884

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

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

Variation

13° 57'

East.

Over level land

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

7991 Intersect N. & S. line, 20 lks. S. of cor. to sec.

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

S. 89° 49' W. on a true line between sections 9 & 10

Variation

13° 55'

East

3995 Set a Sand stone 28 x 7 x 6 ins., 21 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

7991 The corner to sections 8. 9. 10. 17

Land level.

Soil 3rd

rate

Vegetation

Grass. Sage.

Township

2 S

Range

10 E

Gila and Salt River Meridian,

Chains

North, between Sections 8 and 9.

Variation 13° 57' East.

Over level land

35.12

Leave chain bears E. W. and ascend

40.00

Set a Sand stone 20 x 6 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

45.50

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

65.00

Leave slope bears E. W.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 4, 5, 8, 9 marked T. 2 S, 4, on N. E. R. 10 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., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4 ½ ft. base around post.

Land level. and rolling.

Soil 3rd rate

Vegetation Grass. Sage.

Township *2 S*

Range *10 E*

Gila and Salt River Meridian.

Chains

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

Variation *13° 57'* East.

Over level land

11.00 Surface slopes N.

40.00 Set temporary 1/4 Sec. Cor.

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

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

S 89° 54' W. on a true line between sections 4 & 9

Variation *13° 55'* East

40.08 Set a Sand stone 20 x 13 x 8 ins., 10

ins. in the ground, for 1/4 Sec. Cor., marked 1/2 on N.

face, and raised a mound of stone alongside. Pits

impracticable.

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

Land level.

Soil 3rd rate

Vegetation Grass - Sage.

Township 29 S

Range 10 E

Gila and Salt River Meridian.

Chains

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

Variation 13° 58' East.

Over level land

9.16 ^{Creek} ~~Embudo~~ Wash, 10 lks. wide, Course S. 78° W.

11.9 ^{Creek} ~~Embudo~~ Wash, 10 lks. wide, Course S. 78° W.

40.00 Set temporary 1/4 Sec. Cor.

42.15 Cross Phoenix & Pinal Road bears N. 80° E. S. 80° W.

77.10 Leave Prairie bears N. E. and S. W. & ascend.

80.14 Intersect N.B. of Tp. 23 lks. W. of cor. to secs. previously set by me.

4.5. 32, 33 from which corner, I run

S. 10' W. on a true line, between sections 4, 5

Variation 13° 57' East.

40.14 Set a Lava stone 2' x 13' x 6 ins., 2 1/2 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.

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

Land level and rolling.

Soil 3rd rate

Vegetation Grass, Sage.

Township 9 S.

Range 10 E.

Gila and Salt River Meridian.

From the corner to sections, S. C. 31 & 32 on S. R. of 34
previously set by me.

Chains

North, between Sections 31 and 32.

Variation 13° 54' East.

Over level land

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{2}$ 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. 29, 30, 31, 32
marked T, 2 S. S. 29, on N, E, R, 10 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 $\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base
around post.

Land level.

Soil 3rd rate

Vegetation Grass, Sage.

Township *2 S. 10 E.*

Range *10 E.*

Gila and Salt River Meridian.

Chains

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

Variation *13° 54'* East.

Over level land

19.00 Cross Road, bears, *N. 21° E. S. 21° W.*

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

43.71 Cross Wash, *46* lks. wide. Course *S. 12° W.*

67.75 Cross Road, bears, *S. 20° W. N. 20° E.*

80.19 Intersect N. & S. line, *43* lks. *S.* of cor. to sec.

S. 29.32 + 33 from which corner, *1* run

S. 89° 42' W. on a true line between sections *29 + 32*

, Variation *13° 54'* East

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

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

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

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

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

80.19 The corner to sections *29. 30. 31 + 32*

Land level. and rolling.

Soil *2nd* rate

Vegetation *Grass + Sage.*

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

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

Variation $13^{\circ} 54'$ East.

Over level land

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

56.62 Cross Road, bears, N. E. S. W.

80.80 Intersect W. B. of Tp. 25 lks N. of cor. to secs. previously set by me.

29.30.31.32 from which corner, I run

$N. 89^{\circ} 49'$ E. on a true line, between sections 30 & 31

Variation $13^{\circ} 54'$ East.

40.80 Set a sand stone $12 \times 12 \times 5$ ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

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

Land level.

Soil 3rd rate

Vegetation Grass. Sage.

Township

2

S

Range

10

E

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation

13° 54'

East.

Over level land

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ 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. 19, 20, 29, 30 marked T. 2 S. S. 20, on N. E. R, 10 E. S. 29 on S. E. S, 30 on S. W, and S, 19 on N. W. face with 2 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 level.

Soil 3rd 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.

July 7. 1884.

Township

2 S

Range

10 E

Gila and Salt River Meridian.

Chains

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

Variation 13° 55' East.

Over level land

8.00 Cross Road, bears, N. & S.

40.00 Set temporary 1/2 Sec. Cor.

55.13 Cross Wash, 33 lks. wide, Course S. 13° W.

80.16 Intersect N. & S. line, 33 lks. S. of cor. to secs.

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

S. 89° 45' W. on a true line between sections 20 & 29

Variation 13° 55' East

40.08 Set a Lava stone 26 x 15 x 4 ins., 19

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

face, and raised a mound of stone alongside. Pits

impracticable.

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

Land level. and rolling.

Soil 3rd rate

Vegetation Grass. Sage.

chains

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

Variation $13^{\circ}55'$ East.

Over level land

15.00 Cross Road, bears, $N. 21^{\circ} E. S. 21^{\circ} W.$ 40.00 Set temporary $\frac{1}{2}$ Sec. Cor.80.28 Intersect $W. B.$ of Tp. 16 $1/2$ m. $N.$ of cor. to secs.
previously set by me.

19.27.25.30 from which corner, I run

 $N. 89^{\circ} 53' E.$ on a true line, between sections 19.30Variation $13^{\circ} 55'$ East.40.28 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.

80.28 The corner to sections 19. 20. 29 + 30

Land level.

Soil 3^{rd} $gate$

Vegetation Grass + Sage.

Township

2 S

Range

10

E

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation

13° 55'

East.

Over level land

40.00

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

42.3

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 17, 18, 19, 20 marked T. 2 S. 17, on N. E. R. 10 E. S. 20 on S. E. S. 19 on S. W. and S. 18 on N. W. face with 3 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land level.

Soil 3rd rate

Vegetation

Grass & Sage.

Township

2 S.

Range

10 E.

Gila and Salt River

Meridian.

Chains

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

Variation

13° 56'

East.

Over level land

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.58.98 Cross Old Phoenix & Pinal Road
bearing N. 70° W. S. 70° E.

80.44 Intersect N. & S. line. 1/4 lks. N. of cor. to sec.

16.17.20.21 from which corner, I run

N. 89° 55' W. on a true line between sections 17.20

Variation

13° 56'

East

80.22 Set a Sand stone 15 x 10 x 5 ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
line, and raised a mound of stone alongside. Pits
impracticable.

80.44 The corner to sections 17. 18. 19 + 20

Land level.

Soil 3rd rate

Vegetation

Grass & Sage.

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

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

Variation

13° 50'

East.

Over level land

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

78.65

Intersect *W. B. of Tp. 44* *W. of cor. to secs.*
previously set by me.
3. 18. 19. $\frac{1}{2}$ from which corner, I run

N. 87° 41' E on a true line, between sections 18. 19

Variation

13° 55' East.

89.65

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.

79.65

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

Land level.

Soil 3rd rate

Vegetation

Grass & Sage.

Township

2 S 10

Range

10 E

54

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation

13° 56'

East.

Over level land

33.16 Cross Old Phoenix & Pinal Road
bears N. W. & S. E.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ 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.70.10 Cross Old Phoenix and Pinal Road
bears N. 85° W. & S. 85° E.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 2 S, 8, on N, E, R, 10 E, S, 17
on S, E, S, 18 on S, W, and S, 7 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 level.

Soil 3rd

rate

Vegetation

Grass & Sage.

Township

2 S

BOON 613

Range

10

E

Gila and Salt River

Meridian.

Chains

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

Variation

13° 57'

East.

Over level land

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

80.36 Intersect N. & S. line, 38 lks. N. of cor. to sects.

8.9.16. 17 from which corner, I run

N. 89° 44' W. on a true line between sections

8, 17

Variation

13° 57'

East

40.18 Set a Sand stone 27 x 16 x 7 ins., 21
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.

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

Land level.

Soil 3rd rate

Vegetation Grass. Sage.

Township 2 S. Range 10 E.

Gila and Salt River Meridian.

Chains West, on a random line between Sections 7 and 18.
 Variation 13° 56' East.

Over level land

29.16 Cross Old Phoenix & Pinal Road
 bears N. 70° W. S. 70° E.

37.60 Cross Old Phoenix & Pinal Road
 bears N. 65° W. S. 65° E.

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

79.49 Intersect W. B. of Tp. 9 lks. N. of cor. to secs.
 previously set by me.
 7. 12. 13. 18 from which corner, I run
 N. 87° 56' E. on a true line, between sections 7. 18
 Variation 13° 56" East.

99.49 Set a Sand stone 10 x 10 x 5 ins., 11
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.

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

Land level.

Soil 3rd rate

Vegetation Grass & Sage.

July 8, 1884

Township 2 S

Range 10 E

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

13° 57'

East.

Over level land

36.20 ^{Creek} ~~Arboleda~~ Wash, 18 lks. wide, Course S W
36.7 ^{Creek} ~~Arboleda~~ Wash, 18 lks. wide, Course S 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, 5, 6, 7, 8
 marked T. 2 S., 5, on N, E, R, 10 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 level.

Soil 3rd rate

Vegetation Grass + Sage.

Township 2 S. Range 10 E.

Gila and Salt River Meridian.

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

Variation 13° 57' East.

Over level land

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

63.00 ^{Crack} ~~Contiguous~~ Wash, 14 lks. wide, Course S. 10° W.

67.08 ^{Crack} ~~Levee~~ Wash, 14 lks. wide, Course S. 10° W.

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

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

N. 89° 33' W. on a true line between sections 5 & 8

Variation 13° 57' East

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

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

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

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

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

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

Land level.

Soil C² rate

Vegetation Grass. Sage.

Township 2 S

Range 10 E

Gila and Salt River Meridian.

Chains

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

Variation

13° 57'

East.

Over level land

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

79.40 Intersect W. B. of Tp. 15 Wks. S. of cor. to secs.

16. 7. 12 ^{previously set by me.} from which corner, I run

S. 89° 57' E. on a true line, between sections 6 & 7

Variation

13° 56'

East.

39.40 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.

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

Land level.

Soil 3rd rate

Vegetation

Grass. Sage.

Township

2 S.

Range

10 E.

Gila and Salt River Meridian.

Chains

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

Variation

13° 59'

East.

Over level land

17.76 Cross Phoenix and Pinal Road near E. W.

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

64.40 Leave Chain near E. W. ascend.

80.21 Intersect N.B. of Tp. 8 lks. E. of cor. to secs.
previously set by me.

S. 6. 31. 32 from which corner, I run

S. 3' E. on a true line, between sections 5 & 6.

Variation

13° 57' East.

40.21 Set a Sand stone 15 x 8 x 8 ins., 10

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

impracticable.

80.21 The corner to sections 5, 6, 7, & 8.

Land level.

Soil 3rd rate.

Vegetation

Grass - Sage.
July 9, 1884.

GENERAL DESCRIPTION.

This Township is mostly level, with the exception of that part lying along the North boundary and a portion of the East boundary, and a low ridge running through Secs. 28, 9, 10, 11.

There is no water in the Township on the surface.

The whole Township is covered with a scattered growth of Mesquit, Holly Verde and a little Iron Wood.

The soil would be of excellent quality, and would yield largely with cultivation and irrigation.

The Grazing is good and there is no Timber.

For final notes see
book N^o 6



U. S. Surveyor-General's Office.

Lucas A. J

62
1885

The foregoing Field Notes of the surveys of
Subdivision Lines
of T. 2 S. R. 10 E.

Gila & Salt River Basins and Meridian
in Arizona executed by

A. E. Shumaker

U. S. Deputy Surveyor, under his contract dated

August 5, 1882

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

Royala Johnson
U. S. Surveyor-General for