

Book No 15

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C. M. Jones
Indep't

Frank Tollman, Deputy Surveyor.

T. 23 North, R. 26 East,

Gila and Salt River Meridian.

BOOK 472

FIELD NOTES

OF

No. 472

THE SUBDIVISION LINES OF

Township 23 N, Range 26 E,

Gila and Salt River Meridian.

472

BY

Frank Tollman, Deputy Surveyor.

Under his Contract of July 31, 1882.

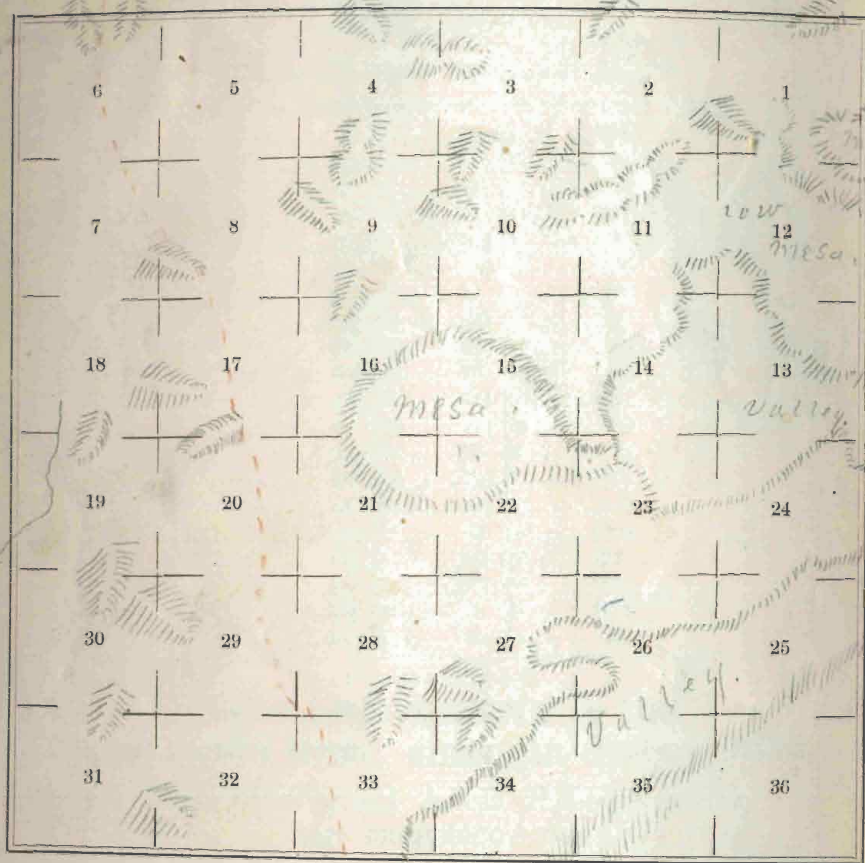
Survey Commenced Mar. 19, 1883

Survey Completed Mar. 24, 1883.

Platted,
Copied for Washington,
Copied for Register,

Township 23 N. Range 26 E. M.

Little and Salt River meadows



BOOK 472

145
24103

278
4722

5	0.38	12	2.24	19	5.70	26	12.24
6	0.55	13	2.63	20	6.42	27	13.87
7	0.76	14	3.06	21	7.11	28	14.34
8	0.98	15	3.53	22	7.85	29	15.47
9	1.24	16	4.02	23	8.64	30	22.07
10	1.55	17	4.56	24	9.47	35	

BOOK 472

No. 472

Frank Tollman Deputy Surveyor.

T. *23 N.* **R.** *26 E.*

Gila and Salt River Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *23 N.* Range *26 E.*

Gila and Salt River Meridian.

BY

Frank Tollman Deputy Surveyor.

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Township 23 North, Range 26 East,
Sila and Salt River Base and Meridian.

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Township

Range

Meridian.

For preliminary notes
see Book No. 13.

Survey made with Burt's Patent Improved Solar
Compass, nearly new, and in first rate order. Made

by *Otto Fennel* of *Cassel*
Germany in 1881,

Before proceeding to subdivide this Tp., I made a
change of 21 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.

1 10

Township

23 North, Range 26 East,

(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.} I run,

North, between Sections 35 and 36

Variation $14^{\circ} 36'$ East.

Over mesa.

40.00 Set a Sand stone $16 \times 12 \times 7$ ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on NW face, dug pits $18 \times 18 \times 12$ ins., N and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

57.00 Leave mesa and descend Bluff.

60.00 Foot of Bluff bears $N68^{\circ}E.$ & $S.68^{\circ}W.$ thence lower valley.

80.00 Set a Sand stone $12 \times 12 \times 8$ ins. 8 ins. in the ground for Cor. to Secs. 25-26-35-36 marked with / notch on S. and / notch on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil ^{3rd class} rate

Vegetation Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Along Valley.

20.00 Ascend.

24.00 Top of Bluff bears N.E. & S.W. and along mesa.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.60.00 Enter Timber ^{bars} N. 10° W. & S. 10° E.80.12 Intersect C. B. of Tp. 17 $\frac{1}{2}$ m. South of cor. to secs.
25-30-31-36, previously set by me.

from which corner, I run

S. 89° 53' W. on a true line, between sections 25-36.

Variation 14° 38' East.

40.06 Set a Sand stone $12 \times 7 \times 7$ ins., 8 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.

80.12 The corner to sections 25-26-35-36.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation

14° 38'

East.

Over rolling land.

40.00 Set a Sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

58.00 Ascend.

61.00 Top of Bluff bears E. & W. and along mesa.

80.00 Set a Sand stone 20 x 10 x 9 ins. 15 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

43.00 Descend.

45.00 Foot of Bluff, bears N. 40° E. & S. 40° W.

79.90 Intersect C. B. of Tp. 24 $\frac{1}{4}$ m. South of cor. to secs.

19-24-25-30, previously set by me.

from which corner, I run

S. 89° 50' W. on a true line, between sections 24 - 25,

Variation 14° 38' East.

39.95 Set a Sand stone 16 x 12 x 7 ins., 11

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.

79.90 The corner to sections 23-24-25-26,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N.

BOOK 472

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 38'

East.

Over rolling land, along Mesa.

40.00

Set a Sand Stone $17 \times 8 \times 7$ ins., 11 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.

42.00

Leave Mesa and descend Bluff.

45.00

Foot of same bears N. 68° E. & S. 68° W.
and falling valley

80.00

Set a Sand stone $17 \times 12 \times 12$ ins. 11 ins.
in the ground for Cor. to Secs. 13-14-23-24 marked
with 3 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. alongside.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

36.00

Enter Timber, ^{Lead} N. 40° W. and S. 40° E.

40.00

Set temporary 1/4 Sec. Cor.

45.00

Ascend.

51.00

Top of Bluff, bears N.E. and S.W. along mesa.

72.00

Leave mesa and descend.

76.00

Foot of Bluff, bears N.W. & S.E.

79.78

Intersect C. B. of Tp. 15 Wks. N. of cor. to secs.

13-18-19-24

previously set by me.

from which corner, I run

N. 89° 54' W, a true line, between sections 13-24.

Variation 14° 38' East.

39.89

Set a Sand stone 18 x 12 x 7 ins. 12

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

face, and raised a mound of stone alongside.

Pits

impracticable.

from which

A Juniper, 7 ins, diam. bears N. 65 1/2° W., 170 Wks. dist.

marked 1/4 S. B. T.

A Juniper, 9 ins, diam. bears S. 41 1/2° E., 219 Wks. dist.

marked 1/4 S. B. T.

79.78

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

Land rolling.

Soil

3rd rate

Vegetation

Bunchgrass.

Timber of

Juniper

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation

14° 38'

East.

Over rolling land.

38.00

Enter Timber

N. 21 1/2° W. & S. 21 1/2° E.

40.00

Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face; from which

A Juniper 9 ins. diam. bears S. 41 1/4° E., 220 lks. dist. marked 1/4 S. B. T.

A Juniper 5 ins. diam. bears N. 30 1/2° W., 200 lks. dist. marked 1/4 S. B. T.

80.00

Set a Lava stone 20 x 10 x 10 ins. 15 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with 4 notch 00 on S. and 1 notch on E. edges and raised a mound of stone alongside. Pit. impracticable.

from which

A Juniper 5 ins. diam. bears N. 54° E., 70 lks. dist. marked T23N, R. 26 E., S., 12 B. T.

A Juniper 9 ins. diam. bears S. 21° E., 100 lks. dist. marked T23N, R. 26 E., S., 13 B. T.

A Juniper 11 ins. diam. bears S. 82 1/4° W., 206 lks. dist. marked T23N, R. 26 E., S., 14 B. T.

A Juniper 4 ins. diam. bears N. 53° W., 85 lks. dist. marked T23N, R. 26 E., S., 11 B. T.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass,
Heavy timber of Juniper.

Township

23 N,

Range

26 E,

No. 472

Gila and Salt River Meridian.

8

Chains

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

Variation

14° 38'

East.

Over rolling land.

30.00 Ascend.

33.00 Top of Bluff, bears N. & S. and along mesa.

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

50.05 Intersect C. B. of Tp. 45 wks. Mark of cor. to secs.

7-12-13-18

previously set by me.

from which corner, I run

N. 89° 41' W. on a true line, between sections 12-13.

Variation

14° 38' East.

40.03 Set a Sand stone 15 x 9 x 4 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dug pits 18 x 18 x 12 ins., C and V. 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.

50.05 The corner to sections 11-12-13-14,

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

28 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 38' East.

Over rolling land.

28.00 Ascend.

33.00 Top of Bluff, bears E. & W. and along mesa.

40.00 Set a Sand stone $18 \times 12 \times 7$ ins., 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on *N* face, dug pits $18 \times 18 \times 12$ ins., *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 alomaside.

80.00 *Juniper*, 5 ins, diam. which I marked
 T. 237, S. 1, on N. E. R. 26 E S. 12 on
 S. E. S. 11, on S. W. and S. 2 on N. W. faces,
 with 5 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 around tree, for cor. to secs.

1 - 2 - 11 - 12 .

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Along mesa.

Variation

14° 38'

East.

30.00

Ascend mesa and descend Bluff, to. N. 28° W.

32.00

Enter Valley, bears N. & S.

40.00

Set temporary 1/4 Sec. Cor.

58.00

Ascend.

61.00

Top of Bluff, bears N. & S. 1

79.86

Intersect C. B. of Tp. 16 Wks. North of cor. to secs.

1-6-7-12

previously set by me.

from which corner, I run

N. 89° 53' W, on a true line, between sections 1-12.

Variation

14° 38'

East.

39.93

Set a Sand stone 18 x 12 x 7 ins., 12

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

face, and raised a mound of stone alongside.

Pits

impracticable.

from which

A Juniper 5 ins. diam. bears S. 85 1/2° W, 14 1/2 wks. dist.

marked 1/4 S. B. T.

A Juniper 7 ins. diam. bears N. 61 1/4° E, 26 1/2 wks. dist.

marked 1/4 S. B. T.

79.86

The corner to sections 1-2-11-12.

Land rolling.

Soil 3rd rate

Timber of Juniper,

Vegetation, Bunchgrass.

11 Township 23 N. Range 26 E.
 Gila and Salt River Meridian.

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

Variation 14° 38' East.

Ascend gradually.

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

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

50.18 Intersect N.B. of Tp. 45 1/2 wks. East of cor. to secs.
1 - 2 - 35 - 36 previously set by me.
 from which corner, I run

S. 19° E., on a true line, between sections 1 - 2.
 Variation 14° 38' East.

40.18 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 which

A Juniper 8 ins. diam. bears N. 15° W., 190 wks. dist.
 marked $\frac{1}{4}$ S. B. T.

A Juniper 11 ins. diam. bears S. 48 $\frac{1}{4}$ E., 262 wks. dist.
 marked $\frac{1}{4}$ S. B. T.

50.18 The corner to sections 1 - 2 - 11 - 12.

Land hilly.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Mar. 19, 1888.

Township

23 N, Range 26 E,

Gila and Salt River Meridian.

From the corner to sections 2-3-34-35 ^{on 8 1860} previously set by me.

Chains Iron North, between Sections 34 and 35.

Variation

14° 36'

East.

Over rolling land, along mesa.

20.00 Leave Mesa & descend bluff, pass N.E. & S.W.

24.00 Enter Valley, bears N.W. and S.E.

40.00 Set a Sand stone 17 x 12 x 7 ins., 11 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W face,
dug pits 18 x 18 x 12 ins., N and S. of stone $5\frac{1}{2}$
ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base alongside.

80.00 Set a Sand stone 13 x 11 x 5 ins. 9 ins.
in the ground for Cor. to Secs. 26-27-34-35 marked
with 1 notch on S. and 2 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and
raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.84 Intersect N. & S. line, 44 *ks. North* of cor. to secs.

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

N. 89° 41' W. on a true line between sections 26-35,

Variation

14° 38'

East

39.92

Set a *Sand* stone, 15 x 8 x 7 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dug pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside.

79.84

The corner to sections 26-27-34-35,

Land rolling.

Soil

3rd rateVegetation, *Pinegrass.*

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation $14^{\circ}38'$ East.

Along Valley.

8.00 Ascend.

11.00 Top of Bluff, bears E. & W. & along mesa.

36.00 Descend.

39.00 Enter Valley, bears E. & W.

40.00 Set a Sand stone $18 \times 11 \times 7$ ins. ² 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.

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

52.00 Top of Bluff, bears N. 84° E. & S. 84° W. and along mesa80.00 Set a Sand stone $12 \times 7 \times 7$ ins. ⁸ ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notch ∞ on S. and 2 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3^{rd} rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{2}$ Sec. Cor.80.07 Intersect N. & S. line, 13 *ms.* *North* of cor. to secs.

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

N89° 54' W. on a true line between sections 23-26,

Variation

14° 38' East

40.04 Set a Sand stone 14 x 8 x 7 ins., 9 ins.

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

ft. base alongside.

80.07 The corner to sections 22-23-26-27.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 38'

East.

Over rolling land, gradually ascending.

40.00

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

60.00

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

80.00

Set a Sand stone 17 x 12 x 8 ins. // ins.
in the ground for Cor. to Secs. 14-15-22-23 marked
with 3 notches on S. and 2 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and
raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil

3rd

rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

15.00 Descend.

17.00 Enter Valley, bears N. and S.

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

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

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

N. 89° 49' W. on a true line between sections 14-23.

Variation 14° 38' East

40.21 Set a Sand stone 16 x 10 x 8 ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dug pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside.

80.42 The corner to sections 14-15-22-23.

Land rolling & level.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

14° 38'

East.

Over rolling land.

40.00

Set a *Sand* stone $48 \times 8 \times 8$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *N* face, dug pits $18 \times 18 \times 12$ ins., *N* and *S*. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.00

Set a *Sand* stone $28 \times 12 \times 7$ ins. $2\frac{1}{2}$ ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on *S*. and 2 notches on *E*. edges and raised a mound of stone alongside. Pits impracticable.

*Land rolling.*Soil *3rd* rateVegetation, *Bunchgrass.*

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land, along mesa.

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

50.00 Descend Bluff, bears N. 15° E. & S. 15° W.

53.00 Foot of same.

53.50 Enter Timber, bears N. 21½° W. & S. 21½° E.

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

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

S. 89° 56' W. on a true line between sections 11-14.

Variation

14° 38'

East

40.12 Set a Sand stone $19 \times 12 \times 5$ ins., 14 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.

50.23 The corner to sections 10-11-14-15,

Land rolling.

Soil 3^{rd} rate

Vegetation Bunchgrass.

Timber of Juniper.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

14° 38'

East.

Ascend gradually.

40.00

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

60.00

Top of Hill bears *N. 84° E.* & *S. 84° W.* and descend.

80.00

Set a *Sand* stone $17 \times 12 \times 9$ ins., 11 ins. in the ground for Cor. to Secs. 2-3-10-11 marked with 5 notches on *S.* and 2 notch ~~on~~ on *E.* edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base, alongside.

*Land hilly.*Soil *3rd* rateVegetation, *Bunchgrass.*

Township

23 N,

Range 26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

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

44.00 Enter Timber, bears N. and S.

55.00 Top of Hill bears N. $34\frac{1}{2}^{\circ}$ E. & S. $34\frac{1}{2}^{\circ}$ W. and descend.80.08 Intersect N. & S. line, 45 lks. South of cor. to secs.
1-12-2-11 from which corner, I runS. $89^{\circ} 41'$ W. on a true line between sections 2-11,

Variation 14° 38' East

40.04 Set a Sand stone 13 x 8 x 7 ins., 9
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.

80.08 The corner to sections 2-3-10-11.

Land hilly.

Soil

3rd rate

Vegetation, Bunchgrass.

Timber of

Juniper.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

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

80.46 Intersect N. B. of Tp. 7 *Wks.* West of cor. to secs.
2 - 3 - 34 - 35, previously set by me.
from which corner, I run

S. 3' N, on a true line, between sections 2 - 3.

Variation 14° 38' East.

40.46 Set a Sand stone 17 x 8 x 8 ins., 11 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face,
dug pits 18 x 18 x 12 ins., 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.

80.46 The corner to sections 2 - 3 - 10 - 11.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Mar. 20, 1883.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

From the corner to sections, 3-4-33-34 ^{on previously set by me.}

Chains

North, between Sections 33 and 34.

Variation

14° 36'

East.

Over rolling land.

33.00

Ascend.

38.00

Top of *Cliff* bears N. 55° E, 9 S. 55° W and ~~is~~ *is* *at* *the* *base* *of* *the* *mountain*.

40.00

Set a *Sand* stone 18 x 10 x 5 ins., 12 ins.

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

80.00

Set a *Sand* stone 13 x 12 x 7 ins. 7 ins.

in the ground for Cor. to Secs. 27-28-33-34 marked
 with $\frac{1}{2}$ notch on S. and $\frac{1}{2}$ notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil

3rd

rate

Vegetation, *Bunchgrass*.

Township

23 N., Range 26 E.,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}38'$ East.

Ascend. gradually.

38.00 Top of Hill bears N. & S. and descend *gradually*

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

60.00 Descend. *abruptly*

64.00 Foot of Bluff, bears N.E. of N. corner valley

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

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

N. $89^{\circ}53'$ W. on a true line between sections 27-34,

Variation $14^{\circ}38'$ East

40.20 Set a Sand stone $20 \times 8 \times 8$ ins., 15 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.

80.40 The corner to sections 27-28-33-34,

Land *hilly.*

Soil *3rd rate*

Vegetation, *Bunchgrass.*

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation

14° 38'

East.

Ascend. gradually.

25.00

Top of Hill bears N. 11. 9 S. E. and descend.

40.00

Set a Sand stone $20 \times 12 \times 9$ ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W face, dug pits $18 \times 18 \times 12$ ins., N and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.00

Set a Sand stone $13 \times 12 \times 5$ ins. 9 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. and 3 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

*Land hilly.*Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation

14° 38'

East.

Over rolling land.

40.00 Set a *Sana* stone 16x10x8 ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dug pits 18x18x12 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.

41.00 *Ascend.*

43.30 Top of Bluff, bears E. & W. along mesa.

80.00

Set a *Sana* stone 16x12x10 ins., 11 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil

3rd

rate

Vegetation,

Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38' East.

Over rolling land, along Mesa.

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

42.00 Leave Mesa, and descend.

75.00 Foot of Bluff, bears N. 17.° E. S. E.

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

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

N. 89° 54' W. on a true line between sections 15-22,

Variation

14° 38' East

39.97 Set a Sand stone 21 x 11 x 5 ins., 16 ins.

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

ft. base alongside.

79.93 The corner to sections 15-16-21-22.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 38'

East.

Over rolling land.

40.00 Set a Sand stone $12 \times 9 \times 6$ 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.

45.00 Descend.

48.90 Foot of Bluff, bears E. & W.

80.00 Set a Sand stone $16 \times 10 \times 5$ ins. 11 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with 4 notches on S. and 3 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

*Land rolling.*Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.65 Intersect N. & S. line, 39 *lks* *mark* of cor. to secs.
10-11-14-15 from which corner, I run

N. 89° 43' W. on a true line between sections 10-15.

Variation 14° 38' East

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

79.65 The corner to sections 9-10-15-16.

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Township

23 N.,

Range

26 E.,

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation

14° 38'

East.

Over rolling land, gradually ascending.

40.00 Set a Sand stone 18 x 10 x 10 ins., 12 ins.

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

54.20 Top of Hill bears N. 20 $\frac{1}{2}$ ° W. & S. 20 $\frac{1}{2}$ ° E. and descend.

80.00 Set a Sand stone 13 x 6 x 5 ins. 9 ins.

in the ground for Cor. to Secs. 3-4-9-10 marked

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

Land hilly.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}38'$ East.

Over rolling land. mountainous.

10.00 Top of Spur, bears N. 4° S. and descend.

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

68.00 Cross low Sag and ascend.

80.17 Intersect N. & S. line, 67 ^{North} ~~W.~~ ^{of cor. to secs.}

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

N. $89^{\circ}31'$ W. on a true line between sections 3-10.

Variation $14^{\circ}38'$ East

40.09 Set a Sand stone $13 \times 8 \times 8$ ins., 9 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.

80.17 The corner to sections 3-4-9-10.

Land mountainous.

Soil ^{3rd} rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}38'$ East.

Over rolling land, gradually ascending

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

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

79.87 Intersect N. B. of Tp. 36 $\frac{1}{2}$ m. N. of cor. to secs.
3-4-33-34, previously set by me.

from which corner, I run

S. $15^{\circ}W$, on a true line, between sections 3-4.Variation $14^{\circ}38'$ East.39.87 Set a Sand stone $15 \times 10 \times 7$ 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., N and S. of stone $5\frac{1}{2}$
ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base alongside.

79.87 The corner to sections 3-4-9-10,

Land hilly.

Soil 3rd rate

Vegetation, Bunchgrass.

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

Mar. 21, 1883.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

From the corner to sections, 4-5-32-33, ^{in double line, found by} previously set by me.

Chains

North, between Sections 32 and 33.

Variation

14° 36'

East.

Over rolling land.

40.00

Set a Sand stone $13 \times 12 \times 7$ 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., 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.

from which

A Juniper 7 ins. diam. bears N. $51\frac{1}{4}^{\circ}$ E, 197ks. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 4 ins. diam. bears S. $38\frac{1}{2}^{\circ}$ W, 64ks. dist. marked $\frac{1}{4}$ S. B. T.

80.00

Set a Sand stone $20 \times 12 \times 7$ ins. 15 ins. in the ground for Cor. to Secs. 28-29-32-33 marked with 1 notch on S. and 4 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

A Juniper 8 ins. diam. bears N. 81° E, 45ks. dist. ^{from which} marked T 23 N, R. 26 E, S., 28 B. T.

A Juniper 9 ins. diam. bears S. $41\frac{1}{4}^{\circ}$ E, 100ks. dist. marked T 23 N, R. 26 E, S., 33 B. T.

A Juniper 9 ins. diam. bears S. $74\frac{1}{2}^{\circ}$ W, 310ks. dist. marked T 23 N, R. 26 E, S., 32 B. T.

A Juniper 17 ins. diam. bears N. 38° W, 210ks. dist. marked T 23 N, R. 26 E, S., 29 B. T.

Land rolling.

Soil 3rd rate Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N.,

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}38'$ East.

Over rolling land, gradually ascending.

8.00 Scarce Timber, bears N.W. & S.E.

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

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

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

28-33-34 from which corner, I run

$N. 89^{\circ}48' W.$ on a true line between sections 28-33,

Variation $14^{\circ}38'$ East

39.89 Set a Sand stone $20 \times 12 \times 7$ ins., 15 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.

79.78 The corner to sections 28-29-32-33,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation

111° 35'

East.

Over rolling land.

11.00

Leave Timber.

Leaves N.W. & S.E.

40.00

Set a Sand stone $12 \times 10 \times 7$ ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W face, dug pits $18 \times 18 \times 12$ ins., N and S of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.00

Set a 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, 23 N.S, 21, on N, E, R, 26 E, S. 28 on S, E, S, 29 on S, W, and S, 20 on N, W, face with 2 notches on S, and 4 notches on E, edges, dug pits $18 \times 18 \times 12$ ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Township

23 N.,

Range

26 E.,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.40 Intersect N. & S. line, 12 *ths* South of cor. to secs.

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

S. 89° 55' W. on a true line between sections 21-28.

Variation

14° 38'

East

39.70 Set a Sand stone 10 x 8 x 7 ins., 7 ins.
 in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
 dug pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$
 ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$
 ft. base alongside.

79.40 The corner to sections 20-21-28-29.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 38'

East.

Over rolling land.

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

80.00 Set a Sand stone $18 \times 12 \times 7$ ins. 12 ins.
in the ground for Cor. to Secs. 16-17-20-21 marked
with 3 notches on S. and 4 notches on E. edges,
dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and
raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base, alongside.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E;

Gila and Salt River Meridian.

Chains

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

Variation

14' 38'

East.

Over rolling land.

35.00 Ascend.

37.50 Top of Bluff, bears N. & S. & along mesa.

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

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

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

S. 89° 47' W. on a true line between sections 16-21,

Variation 14° 38' East

39.82 Set a Sand stone 14 x 8 x 7 ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside.

79.63 The corner to sections 16-17-20-21,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 38'

East.

Over rolling land.

40.00

Set a Sand stone $15 \times 12 \times 7$ 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., 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, S-9-16-17, marked T 23 N. S. 9, on N, E, R, 26 E, S. 16 on S, E, S, 17 on S, W, and S, S on N, W, face with 4 notches on S, and 4 notches on E, edges, dug pits $18 \times 18 \times 12$ ins, in each Sec., $5\frac{1}{2}$ ft, dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}38'$ East.

Over rolling land, gradually ascending.

33.00 Top of Hill bears $N. 15\frac{1}{2}^{\circ} E.$ & $S. 15\frac{1}{2}^{\circ} W.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.94 Intersect N. & S. line, 18 lks. South of cor. to secs.

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

S. 89 $^{\circ}$ 52' W. on a true line between sections 9-16,Variation $14^{\circ}38'$ East39.97 Set a Sand stone $18 \times 12 \times 7$ ins., 12 ins.in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,dug pits $18 \times 18 \times 12$ ins., E and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$

ft. base alongside.

79.94 The corner to sections 9-10-16-17.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation

14° 38'

East.

Over rolling land, gradually ascending.

40.00

Set a Sand stone 12×7 ins., 11 ins.
 in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
 dug pits $18 \times 18 \times 12$ ins., N and S. of stone $5\frac{1}{2}$
 ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
 ft. base alongside.

55.00

Top of Hill bears N.W. and S.E. and descend.

30.00

Set a Sand stone $13 \times 9 \times 9$ ins. 9 ins.
 in the ground for Cor. to Secs. 4-5-8-9 marked
 with 5 notches on S. and 4 notches on E. edges,
 dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land, gradually ascending,

17.00 Top of Spur, bears N. & S. and descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.69 Intersect N. & S. line, 23 lks. North of cor. to secs.
3-4-9-10 from which corner, I run.

N. 89° 50' W. on a true line between sections 4-9.

Variation

14° 38'

East

39.85 Set a Sand stone 13 x 12 x 7 ins., 9 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,
dug pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$
ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$
ft. base alongside.

79.69 The corner to sections 4-5-8-9.

Land rolling.

Soil

3rd

rate

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

40.00

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

79.90

Intersect N. B. of Tp. 15 $\frac{1}{2}$ W. of cor. to sec.

4-5-32-33

previously set by me.

from which corner, I run

S. 6' W. on a true line, between sections 4-5.

Variation 14° 38' East.

39.90

Set a Sand stone $14 \times 12 \times 7$ ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., N and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

79.90

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

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Mar. 22, 1883.

Township

23 N,

Range

26 E;

Gila and Salt River Meridian.

Chains

From the corner to sections, ~~56-57-32~~ ^{m. S. River 7 1/2} previously set by me.
North, between Sections 31 and 32.

Variation 14° 36' East.

Over rolling land, gradually ascending.

30.00 Top of Hill bears N. 11. & S. E., and descend.

40.00 Set a Sand stone 17 x 10 x 5 ins., 11 ins.
in the ground, for 1/4 Sec. Cor., marked 1/4 on N. 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.

from which

A Juniper 8 ins. diam. bears S. 41 1/2° W., 125 lks. dist.
marked 1/4 S. B. T.A Juniper 7 ins. diam. bears N. 60° E., 213 lks. dist.
marked 1/4 S. B. T.80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
for Cor. to Secs. 29-30-31-32 marked T. 23 N,
S. 29 on N. E., R. 26 E., S. 32 on S. E., S. 31 on
S. W., and S. 30 on N. W. faces, with 1 notch on
S. and 5 notches on E. edges, from whichA Juniper 8 ins. diam. bears N. 60° E., 200 lks. dist.
marked T. 23 N, R. 26 E., S. 29 B. T.A Juniper 3 ins. diam. bears N. 73 1/4° E., 18 lks. dist.
marked T. 23 N, R. 26 E., S. 32 B. T.A Juniper 5 ins. diam. bears S. 21 1/2° W., 14 lks. dist.
marked T. 23 N, R. 26 E., S. 31 B. T.A Juniper 12 ins. diam. bears N. 58° W., 51 lks. dist.
marked T. 23 N, R. 26 E., S. 30 B. T.

Land rolling.

Soil 3rd rate

Vegetation, bunchgrass,

Heavy timber of Juniper.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

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

79.92 Intersect N. & S. line, 35 lks. South of cor. to secs.

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

S. 89° 45' W. on a true line between sections 29-32.

Variation

14° 38'

East

39.96

Set a Sand stone $15 \times 8 \times 7$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

79.92

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

Land rolling.

Soil

3rd rate

Vegetation,

Bunchgrass.

Timber of

Juniper.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 38'$ East.

Over rolling land, ascending gradually.

30.00 Top of Spur, bears $N. 10^{\circ} E. 98.107$ and descend gradually.

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

78.48 Intersect *W. B. of Tp. 26* *1/4* *mi* *back* of cor. to secs.

25-30-31-36 previously set by me.

from which corner, I run

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

Variation $14^{\circ} 42'$ East.

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

78.48 The corner to sections 29-30-31-32.

Land rolling.

Soil *3rd* rate

Vegetation, *Bunchgrass.*

Timber of *Juniper.*

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation

14° 38'

East.

Over rolling land,

40.00 Set a Sand stone 18 x 12 x 7 ins., 12 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.

from which

A Juniper 8 ins. diam. bears N. 33 $\frac{1}{4}$ W, 171 kts. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 4 ins. diam. bears S. 41 $\frac{1}{2}$ E, 260 kts. dist. marked $\frac{1}{4}$ S. B. T.

55.00 *Alcand*, N. W. & S. E. and descend.

61.00 Top of Hill bears

80.00 Set a post 4 ft. long, 4 ins. square, with m. rick. same 12 ins. in the ground, for Cor. to Secs, 19-20-29-30, marked T 23 N, S, 20, on N, E, R, 26 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 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 38'$ East.

Over rolling land.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.80.17 Intersect N. & S. line, 11 *ks.* *North* of cor. to secs.

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

N. $89^{\circ} 55' W.$ on a true line between sections 20-29.Variation $14^{\circ} 38'$ East40.09 Set a Sand stone $13 \times 12 \times 7$ ins., 9
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.A Juniper 9 ins. diam. bears $N. 41^{\circ} E,$ 170 *ks.* dist.
marked $\frac{1}{4}$ S. B. T. from whichA Juniper 7 ins. diam. bears $S. 31^{\circ} 41' W,$ 250 *ks.* dist.
marked $\frac{1}{4}$ S. B. T.

80.17 The corner to sections 19-20-29-30.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

- Chains West, on a random line between Sections 19 and 30.
 Variation $114^{\circ}38'$ East.
- Over rolling land, ascending gradually.
- 34.00 Top of Spur, bears N. 2° E. and descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 75.70 Intersect N. B. of Tp. 7 $\frac{1}{2}$ mks. mark of cor. to secs.
 19-24-25-30 previously set by me.
 from which corner, I run
 N. $89^{\circ}57' E.$, on a true line, between sections 19-30.
 Variation $114^{\circ}42'$ East.
- 38.70 Set a Sand stone $15 \times 12 \times 7$ 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.
- 78.70 The corner to sections 19-20-29-30.
 Land rolling.
 Soil 3rd rate
 Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation

14° 38'

East.

Over rolling land.

40.00 Set a Sand stone 14 x 12 x 6 ins. 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W, face, and raised a mound of stone alongside. Pits

unpracticable. from which
A Juniper 8 ins. diam. bears S. 85° W, 200 lks. dist. marked 1/4 S. B. T.

A Juniper 7 ins. diam. bears N. 62 1/2° E, 147 lks. dist. marked 1/4 S. B. T.

80.00

Set a Sand stone 15 x 12 x 5 ins. 10 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

A Juniper 7 ins. diam. bears N. 60° E, 145 lks. dist. from which marked T 23 N, R 26 E, S., 17 B. T.

A Juniper 4 ins. diam. bears S. 62 1/2° E, 95 lks. dist. marked T 23 N, R. 26 E, S., 20 B. T.

A Juniper 12 ins. diam. bears S. 41 1/2° W, 210 lks. dist. marked T 23 N, R. 26 E, S., 19 B. T.

A Juniper 9 ins. diam. bears N. 27° W, 311 lks. dist. marked T 23 N, R. 26 E, S., 18 B. T.

Land rolling.

Soil 3rd rate
Vegetation, *Bunchgrass*. Heavy timber of Juniper.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation 14° 38' East.

Over rolling land.

11.00 Ascend. gradually.

31.00 Top of Hill bears N. 65° E. & S. 65° W. and descend.

40.00 Set temporary 1/4 Sec. Cor.

46.00 Leave Timber, ^{land} N. 15 1/2° W. & S. 15 1/2° E.

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

1617-20-21 from which corner, I run

S. 89° 53' W. on a true line between sections 17-20.

Variation 14° 38' East

40.18 Set a Sand stone 14 x 8 x 7 ins., 9

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

face, and raised a mound of stone alongside. ~~Pits~~

impracticable. from which

A Juniper 8 ins. diam. bears N. 65° E., 172 lks. dist.

marked 1/4 S. B. T.

A Juniper 5 ins. diam. bears S. 41° W., 29 lks. dist.

marked 1/4 S. B. T.

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

26 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land, gradually ascending.

40.00 Top of Hill bears N. & S., and descend.

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

63.10 Cross Wash, 5-6 lks. wide, Course South.

78.53 Intersect N. B. of Tp. 45 lks. North of cor. to secs.

13-18-19-24 previously set by me.

from which corner, I run

N. 89° 41' E on a true line, between sections 18-19.

Variation 14° 42' East.

38.53 Set a Sand stone 18 x 10 x 7 ins.,¹²ins. 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.

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

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 38'

East.

Over rolling land, gradually ascending.

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

40.00 Set a Sand stone 14 x 8 x 7 ins., 9

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

face, and raised a mound of stone alongside. Pits

impracticable.

from which

A Juniper 9 ins. diam. bears N. 41 1/4 E., 200 lks. dist. marked 1/2 S. B. T.

A Juniper 7 ins. diam. bears S. 38 1/2 W., 197 lks. dist. marked 1/2 S. B. T.

30.00 Set a Sand stone 17 x 8 x 8 ins. 11 ins.

in the ground for Cor. to Secs. 7-8-17-18 marked

with 4 notches on S. and 5 notches on E. edges,

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

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

A Juniper 10 ins. diam. bears N. 75 E., 75 lks. dist. from which marked T. 23 N., R. 26 E., S., 8 B. T.

A Juniper 11 ins. diam. bears S. 30 E., 141 lks. dist. marked T. 23 N., R. 26 E., S., 17 B. T.

A Juniper 9 ins. diam. bears S. 21 1/2 W., 200 lks. dist. marked T. 23 N., R. 26 E., S., 18 B. T.

A Juniper 7 ins. diam. bears N. 57 W., 167 lks. dist. marked T. 23 N., R. 26 E., S., 7 B. T.

Land hilly.

Soil 3rd rate

Revelation, Manchiquas.
Heavy timber of Juniper.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

31.00

Leave Timber,

N.W. and S.E.

40.00

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

50.09

Intersect N. & S. line,

S 1ks. South of cor. to secs.

S-9-16-17 from which corner, I run

S 89° 57' W. on a true line between sections S-17.

Variation

14° 38'

East

40.05

Set a

Sand

stone 17 x 12 x 8 ins., 11 ins.

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

ft. base alongside.

50.09

The corner to sections

7-8-17-18.

Land rolling.

Soil

3rd rate

Vegetation,

Bluegrass.

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

Mar. 23, 1883.

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38'

East.

Over rolling land.

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

78.41 Intersect N. B. of Tp. 4 Wks. *Back* of cor. to secs.

7-12-13-18, previously set by me.

from which corner, I run

S. 89° 37' E. on a true line, between sections 7-18,

Variation 11° 42' East.

38.41 Set a Sand stone 17 x 8 x 8 ins.!!

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.

from which

Juniper 9 ins. diam. bears N. 41° 1/2° E., 25 Wks. dist.

marked $\frac{1}{2}$ S. B. T.

Juniper 11 ins. diam. bears S. 30° 1/4° W., 19 Wks. dist.

marked $\frac{1}{2}$ S. B. T.

78.41 The corner to sections 7-8-17-18.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N,

Range

26 E.

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 38'

East.

Over rolling land, gradually ascending.

15.00 Top of Hill bears N. 70° W. & S. 70° E. and descend.

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

40.00 Set a Sand stone 18 x 12 x 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 Sand stone 18 x 12 x 7 ins. 9 ins. in the ground for Cor. to Secs. 5-6-7-8 marked with V notches on S. and V notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base. alongside.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Timber of, Juniper.

Township

23 N., Range 26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38' East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

N. 89° 54' W. on a true line between sections 5-8.

Variation

14° 38' East

39.92 Set a Sand stone 13 x 12 x 12 ins., 9 ins.

in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,dig pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$

ft. base alongside.

79.84 The corner to sections 5-6-7-8,

*Land rolling.*Soil 3rd rate

Vegetation, Bunchgrass,

Township

23 N.

Range

26 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 38' East.

Over rolling land.

24.00 Enter Timber ^{Runs} N. 27° W. and S. 27° E.

40.00 Set temporary 1/4 Sec. Cor.

78.60 Intersect W.B. of Tp. 31 lks. Sink of cor. to secs.

1-6-7-12 previously set by me.

from which corner, I run

S. 59° 47' E. on a true line, between sections 6-7,

Variation 14° 52' East.

38.60 Set a Sand stone 20 x 10 x 7 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N, face, and raised a mound of stone alongside. Pits

impracticable. from which

A Juniper 11 ins. diam. bears N. 21 1/2° E., 200 lks. dist. marked 1/4 S. B. T.

A Juniper 8 ins. diam. bears S. 39° W., 140 lks. dist. marked 1/4 S. B. T.

78.60 The corner to sections 5-6-7-8.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N, Range 26 E,

Gila and Salt River Meridian.

Chains

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

Variation 114° 38' East.

Over rolling land.

40.00 Set temporary 1/4 Sec. Cor.

79.64 Intersect North R. B. 18 1/2 m. West of cor. to secs.

5-6-31-32 previously set by me.

from which corner, I run

S. 8' N, on a true line, between sections 5-6.

Variation 14° 38' East.

39.64 Set a Sand stone 15 x 12 x 7 ins., 10

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

face, and raised a mound of stone alongside. Pits

impracticable.

79.64 The corner to sections 5-6-7-8,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Mar. 24, 1883.

60A

BOOK 472

GENERAL DESCRIPTION.

The general character of the land in this Township is rolling.

The soil is 3rd rate.

Juniper timber is plentiful in some portions, and throughout the Tp., Bunchgrass grows abundantly, furnishing good land for grazing purposes.

For Final Oaths
see Book No. 18.

BOOK 472

61

U. S. Surveyor General's Office,

Tucson, Arizona, Nov. 6, 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines
of Township 23 N. Range
06 E

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

ted by Frank Fallman

Deputy Surveyor under his contract of the 31st.

day of July, 1882, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

are hereby approved

J. W. P. Smith
Surveyor General.