

Book No. 16

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Frank Tollman, Deputy Surveyor.

23 North, R. 27 East,

Gila and Salt River Meridian.

No. 473

FIELD NOTES

OF BOOK 473

THE SUBDIVISION LINES OF

Township 23 N., Range 27 E.,

Gila and Salt River Meridian.

473

BY
Frank Tollman, Deputy Surveyor.

Under his Contract of July 31, 1882.

Survey Commenced Mar. 26, 1883.

Survey Completed Mar. 31, 1883.

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Copied for Washington,

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Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes.	Lks.	Minutes.	Lks.	Minutes.	Lks.
1	2 $\frac{1}{2}$	21	49	41	95 $\frac{2}{3}$
2	4 $\frac{2}{3}$	22	51 $\frac{1}{3}$	42	98
3	7	23	53 $\frac{2}{3}$	43	100 $\frac{1}{3}$
4	9 $\frac{1}{3}$	24	56	44	102 $\frac{2}{3}$
5	11 $\frac{2}{3}$	25	58 $\frac{1}{3}$	45	105
6	14	26	60 $\frac{2}{3}$	46	107 $\frac{1}{3}$
7	16 $\frac{1}{3}$	27	63	47	109 $\frac{2}{3}$
8	18 $\frac{2}{3}$	28	65 $\frac{1}{3}$	48	112
9	21	29	67 $\frac{2}{3}$	49	114 $\frac{1}{3}$
10	23 $\frac{1}{3}$	30	70	50	116 $\frac{2}{3}$
11	25 $\frac{2}{3}$	31	72 $\frac{1}{3}$	51	119
12	28	32	74 $\frac{2}{3}$	52	121 $\frac{1}{3}$
13	30 $\frac{1}{3}$	33	77	53	123 $\frac{2}{3}$
14	32 $\frac{2}{3}$	34	79 $\frac{1}{3}$	54	126
15	35	35	81 $\frac{2}{3}$	55	128 $\frac{1}{3}$
16	37 $\frac{1}{3}$	36	84	56	130 $\frac{2}{3}$
17	39 $\frac{2}{3}$	37	86 $\frac{1}{3}$	57	133
18	42	38	88 $\frac{2}{3}$	58	135 $\frac{1}{3}$
19	44 $\frac{1}{3}$	39	91	59	137 $\frac{2}{3}$
20	46 $\frac{2}{3}$	40	93 $\frac{1}{3}$	60	140

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Table for Running on Slopes.

In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain. horizontal measurement.

Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.
°		°		°		°	
4	0-24	11	1-88	18	5-14	25	10-54
5	0-38	12	2-24	19	5-76	26	11-26
6	0-55	13	2-63	20	6-42	27	12-24
7	0-76	14	3-06	21	7-11	28	13-37
8	0-98	15	3-53	22	7-85	29	14-34
9	1-24	16	4-02	23	8-64	30	15-47
10	1-55	17	4-56	24	9-47	35	22-07

No. 473

Frank Tollman, Deputy Surveyor.

T. 23 North, R. 26 East,

Gila and Salt River Meridian.

FIELD NOTES ^{BOOK} 473

OF

THE SUBDIVISION LINES OF

Township 23 N., Range 27 E.,

Gila and Salt River Meridian.

BY
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Township 23 North, Range 27 East,
Sida and Salt River Base and Meridian.

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7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
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Township

Range

Meridian.

For preliminary baths
see Book No. 13.

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

1 18

BOOK 473

Township

23 North

Range

27 East

(See previous page.)

Gila and Salt River Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary, ¹/₄ r. r.,
North, between Sections 35 and 36

previously set by me.

Variation 14° 32' East.

Over rolling land.

140.00

Set a Sand stone 16 x 12 x 5 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 10 x 10 x 8 ins., 7 ins.
in the ground for Cor. to Secs. 25-26-35-36 marked
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 alongside.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land, gradually ascending.

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

50.00 Top of Spur, bears N. and S., and descend.

79.63 Intersect C. B. of Tp. 15 lks. N. of cor. to secs.

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

from which corner, I run

N. 89° 54' W. on a true line, between sections 25-36.

Variation 14° 35' East.

39.82 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, 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.

79.65 The corner to sections 25-26-35-36,

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation

14° 35'

East.

Over rolling land, gradually ascending.

- 10.00 Top of Hill bears N. 60° W. 9 S. 60° E. and descend.
- 40.00 Set a Sand stone $14 \times 12 \times 8$ 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., 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 $12 \times 12 \times 6$ ins. 8 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 $18 \times 18 \times 12$ 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.
- A Juniper 8 ins. diam. bears N. 16° E., 104 lbs. dist. marked T. 23 N., R. 27 E., S., 24 B. T.
- A Juniper 11 ins. diam. bears S. 15° E., 300 lbs. dist. marked T. 23 N., R. 27 E., S., 25 B. T.
- A Juniper 12 ins. diam. bears S. 28° W., 210 lbs. dist. marked T. 23 N., R. 27 E., S., 26 B. T.
- A Juniper 15 ins. diam. bears N. 18° W., 225 lbs. dist. marked T. 23 N., R. 27 E., S., 23 B. T.

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Heavy timber of Juniper.

Township

23 N,

Range

27 E;

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land.

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

42.00 Leave Timber, bears N. & S.

79.98 Intersect C. B. of Tp. S lks. South of cor. to secs.

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

from which corner, I run

S. 89° 57' W on a true line, between sections 24-25.

Variation 14° 35' East.

39.99 Set a Sand stone 15 x 10 x 9 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.

from which

A Juniper 5 ins. diam. bears N. 8° W, 120 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 17 ins. diam. bears S. 19° E, 208 lks. dist. marked $\frac{1}{4}$ S. B. T.

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

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Chains North, between Sections 23 and 24.
 Variation 14° 35' East.

Over rolling land.

40.00 Set a Sand stone 14 x 9 x 3 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., 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 16 ins. diam. bears N. $12\frac{1}{2}^{\circ}$ W, 167 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

80.00 Set a post 4 ft. long ' ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 13-14-23-24, marked T, 23 N. S, 13, on N, E, R, 27 E, S. 24 on S, E, S, 23 on S, W, and S, 14 on N, W, face with 3 notches on S, and 1 notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil ^{3rd} rate
 Vegetation, Bunchgrass,
 Timber of Juniper.

BOOK 473

7

Township

23 N.,

Range

27 E.,

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation 14° 35' East.

Over rolling land,

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

40.00 Set a Sand stone 12 x 12 x 9 ins., 8 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.

45.00 Cross wash, 15 lks. wide, course S.W.

61.00 Ascend.

65.00 Top of Bluff, bears N. 65° E. & S. 65° W.

80.00 Set a Sand stone 16 x 12 x 8 ins. 11 ins. in the ground for Cor. to Secs. 11-12-13-14 marked 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. alongside.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 35'

East.

Over rolling land.

11.00

Descend. Bluff bears N.E. & S.W.

13.00

Foot of Bluff.

38.00

Cross wash, 12 lks. wide, course S.W.

40.00

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

80.11

Intersect E. B. of Tp. 27 lks. mark of cor. to secs.

7-12-13-18

previously set by me.

from which corner, I run

N. 89° 48' W. on a true line, between sections 12-13.

Variation 114° 35' East.

40.06

Set a Sand stone 12 x 10 x 10 ins., 8 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.

80.11

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

Land rolling.

Soil

3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 35'

East.

Over rolling land.

24.40 Enter Timber, N.E. and S.W.

40.00 Set a Sand stone $2\frac{1}{2} \times 8 \times 8$ ins. 16 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 S. $81\frac{1}{2}^{\circ}$ W, 217 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 13 ins. diam. bears $213\frac{1}{4}^{\circ}$ E, 250 lks. dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a Sand stone $12 \times 12 \times 7$ ins. 8 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with \mathcal{I} notches on S. and \mathcal{I} 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 3^{rd} rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $114^{\circ}35'$ East.

36.00 Over rolling land, along mesa, Leave Timber, bears N. and S.

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

76.00 Descend.

79.00 Foot of Bluff, bears N. 78° E. & S. 78° W.

81.25 Intersect C. B. of Tp. 9 $\frac{1}{4}$ m. South of cor. to secs.

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

from which corner, I run

S. $59^{\circ}36'$ W. on a true line, between sections 1-12,

Variation $114^{\circ}35'$ East.

40.13 Set a Sand stone $10 \times 9 \times 7$ ins., 7 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.

80.25 The corner to sections 1-2-11-12,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

13 Township 23 N., Range 27 E.
Gila and Salt River Meridian.

Chains East, on a random line between Sections 26 and 35.
Variation $14^{\circ} 35'$ East.

Over rolling land.

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

45.00 Leave Timber, bears $N. 21\frac{1}{2}^{\circ} E.$ & $S. 21\frac{1}{2}^{\circ} W.$

79.88 Intersect N. & S. line, 36 lks *North* of cor. to secs.

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

$N. 89^{\circ} 45' W.$ on a true line between sections 26-35.

Variation $14^{\circ} 35'$ East

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

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

Land rolling.

Soil 3^{rd} rate

Vegetation, *Bunchgrass.*

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation

114° 35'

East.

Over rolling land.

40.00 Set a Sand stone 8 x 10 x 5 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., 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.

54.00 Leave Timber, bears N. 10° E. & S. 10° W.

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

80.00 Set a Sand stone 13 x 12 x 8 ins. 9 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 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

27 E.

Gila and Salt River Meridian.

Chains

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

Variation 14° 35' East.

Over rolling land.

57.00 Enter Timber, ^{bears} N. and S.

40.00 Set temporary 1/4 Sec. Cor.

65.00 Top of Spur, bears N. 24° E. 9 S. 24° W. and descend.

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

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

N. 89° 53' W. on a true line between sections 23-26,

Variation 14° 35' East

40.08 Set a Sand stone 12 x 10 x 16 ins., 8 ins.

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

dug pits 18 x 18 x 12 ins., E and W. 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 13 ins. diam. bears S. 41 1/2° W. 24 lks. dist.

marked 1/4 S. B. T.

A Juniper 9 ins. diam. bears N. 74° E. 16 1/2 lks. dist.

marked 1/4 S. B. T.

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 35'

East.

Over rolling land.

40.00 Set a Sand stone 16 x 12 x 10 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.

48.00 Cross Wash, 15 fks. wide, Course S. 80° W.

60.00 Ascend.

63.30 Top of Bluff bears N. 80° E. & S. 80° W. and descend

80.00 Set a Sand stone 10 x 10 x 6 ins. 7 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notch ∞ on S. and 2 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

Timber of Juniper.

Vegetation, Bunchgrass.

17 Township 23 N., Range 27 E.
Gila and Salt River Meridian.

Chains East, on a random line between Sections 14 and 23.
Variation 14° 35' East.

Over rolling land.

15.00 Descend.

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

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

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

64.00 Foot of Hill & Over rolling land.

73.00 Enter Timber, bears N.E. & S.W.

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

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

N. 89° 10' W. on a true line between sections 14-23,

Variation 14° 35' East

40.22 Set a Sand stone 17 x 10 x 8 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.

80.43 The corner to sections 14-15-22-23,

Land rolling.

Soil 3rd rate

Timber of

Vegetation,

Juniper.
Bunchgrass.

Township 23 N, Range 27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation 14° 35' East.

Over rolling land.

10.00 Enter Timber, lean N. 40° E. & S. 40° W.

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 N. 61 1/2° E., 210 kts. dist. marked 1/4 S. B. T.

A Juniper 5 ins. diam. bears S. 60° W., 171 kts. dist. marked 1/4 S. B. T.

80.00 Set a Sand stone 15 x 12 x 10 ins. 10 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 35'

East.

Over rolling land.

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

50.00 Cross Wash, 8 lks. wide, course South and ascend.

52.00 Enter Timber, bears N.E. and S.W.

79.96 Intersect N. & S. line, 36 lks. North of cor. to secs.

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

S. 89° 45' W. on a true line between sections 11-14.

Variation

114° 35' East

39.98 Set a Sand stone 13 x 10 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.

from which

A Juniper 13 ins. diam. bears S. 71° W, 115 lks. dist.

marked $\frac{1}{4}$ S. B. T.A Juniper 12 ins. diam. bears N. 21 $\frac{1}{2}$ ° E, 219 lks. dist.marked $\frac{1}{4}$ S. B. T.

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

Land rolling.

Soil

3rd

rate

Timber of

Juniper.

Vegetation.

Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

114° 35'

East.

Over rolling land.

40.00

Set a *Sana* stone 10 x 12 x 10 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.

A Juniper 11 ins. diam. bears N. 29° E, 288 yds. dist. marked $\frac{1}{4}$ S. B. T. from which

A Juniper 9 ins. diam. bears S. 35° W, 171 yds. dist. marked $\frac{1}{4}$ S. B. T.

20.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 2-3-10-11, marked T, 23 N. S, 2, on N, E, R, 27 E, S, 11 on S, E, S, 10 on S, W, and S, 3 on N, W, face with 5 notches on S, and 2 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil

3rd rate

Timber of

Juniper.

Vegetation,

Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land, along mesa.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.91 Intersect N. & S. line, 17 *ks.* north of cor. to secs.
1-2-11-12 from which corner, I run

N. 89° 32' W. on a true line between sections 2-11,

Variation

14° 35' 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.

79.91 The corner to sections 2-3-10-11,

Land rolling.

Soil

3rd rate

Timber of

Juniper.

Vegetation,

Bunchgrass.

BOOK 473
 23 N, Range 27 E,
 Township _____
 Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 35'$ East.

Over rolling land, along mesa.

38.00

Descent.

40.00

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

41.71

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

72.00

Center Wash,

~~the~~ course S.W.

79.00

Lower Wash,

~~the~~ course S.W.

80.08

Intersect N.B. of Tp. 28 $\frac{1}{2}$ m. East of cor. to secs.2 - 3 - 34 - 35 previously set by me.
from which corner, I runS. $12^{\circ} E$, on a true line, between sections 2 - 3,Variation $14^{\circ} 35'$ East.

40.08

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

80.08

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

Land rolling.

Soil 3^{rd} rate

Vegetation, Bunchgrass.

Timber of Juniper.

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

Mar. 27, 1883.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

From the corner to sections, 3 4 33 34 ^{on South 130th Meridian} previously set by me.

Chains

North, between Sections 33 and 34.

Variation 114° 32' East.

Over rolling land.

10.00 Enter Timber, bears N. 50° E. & S. 50° W.

35.00 Leave Timber, bears E. & W.

40.00 Set a Sand stone 16 x 12 x 10 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.

80.00 Set a Sand stone 21 x 12 x 9 ins. 16 ins. in the ground for Cor. to Secs. 27-28-33-34 marked with 1 notch on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land.

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

45.00 Enter Timber, bears N.E. & S.W.

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

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

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

N. 89° 32' W. on a true line between sections 27-34.

Variation 14° 35' East

40.13 Set a Sand stone 15 x 12 x 10 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.

50.26 The corner to sections 27-28-33-34.

Land rolling.

Soil

3rd rate

Timber of

Juniper.

Vegetation,

Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation

14° 35'

East.

Over rolling land.

37.00 Ascend.

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

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

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, 23 N. S. 22, on N, E, R, 27 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 rolling.*Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 35'

East.

Over rolling land.

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

70.00

Ascend.

75.00 *Copy file bear N. 20° W. & S. 20° E.*

80.03

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

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

S. 89° 56' W. on a true line between sections 22-27,

Variation

114° 35'

East

40.02

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, 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.

80.03

The corner to sections 21-22-27-28.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass,

Timber of Juniper,

Township

23 N,

BOOK 473

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation

14° 35'

East.

Over rolling land.

28.00 Cross Wash, 12 kts. wide, Course West.

40.00 Set a Sand stone 15 x 12 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., 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 Ascend.

64.00 Top of bluff bears E. & W. and over mesa.

80.00 Set a Sand stone 18 x 14 x 8 ins., 12 ins.
in the ground for Cor. to Secs. 15-16-21-22 marked
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. alongside.
Land rolling.

Soil

3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

114° 35' East.

Over rolling land.

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

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

44-15-22-23 from which corner, I run

N. 89° 19' W. on a true line between sections 15-22.

Variation

114° 35' East

39.89

Set a Sand stone 15 x 11 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.

79.78

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

Land rolling.

Soil

3rd rate

Vegetation

Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

114° 35'

East.

Over rolling land.

5.00
40.00

Enter Timber, bear N.E. & S.W.

Set a Sand stone 18 x 11 x 7 ins., 12 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.

A Juniper 5 ins. diam. bears N. 1/4 E., 97 lks. dist. marked 1/4 S. B. T.

A Juniper 5 ins. diam. bears S. 28 1/2 W., 45 lks. dist. marked 1/4 S. B. T.

80.00

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

A Juniper 10 ins. diam. bears N. 51 E., 30 1/2 lks. dist. marked T. 23 N., R. 27 E., S., 10 B. T.

A Juniper 12 ins. diam. bears S. 37 1/4 E., 22 1/2 lks. dist. marked T. 23 N., R. 27 E., S., 15 B. T.

A Juniper 7 ins. diam. bears S. 83 W., 17 1/2 lks. dist. marked T. 23 N., R. 27 E., S., 16 B. T.

A Juniper 15 ins. diam. bears N. 67 W., 19 1/2 lks. dist. marked T. 23 N., R. 27 E., S., 9 B. T.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass. Heavy timber of Juniper.

Township

23 N., Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 35'$ East.

Over rolling land.

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

Sec. 24 Intersect N. & S. line, 18) kts. South of cor. to secs.
 10-11-14-15 previously set by me.

from which corner, I run

S. $59^{\circ} 52' N$ on a true line, between sections 10-15,Variation $14^{\circ} 35'$ East.

40.12 Set a post 3 ft. long, $\frac{3}{8}$ 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 9 ins. diam. bears $N. 71\frac{1}{2}^{\circ} E$, 195 kts. dist.
 marked $\frac{1}{4}$ S. B. T.

A Juniper 7 ins. diam. bears $S. 60^{\circ} W$, 200 kts. dist.
 marked $\frac{1}{4}$ S. B. T.

Sec. 24 The corner to sections 9-10-15-16,

Land rolling.

Soil 3^{rd} rate

Timber of Juniper

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation $14^{\circ} 35'$ East.

Over rolling land, along mesa,

40.00 Set a Sand stone $17 \times 8 \times 8$ 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.

from which

A Juniper 5 ins. diam. bears $N. 60^{\circ} E$, 190 lks. dist.

marked $\frac{1}{4}$ S. B. T. No other trees within limits.

45.00 Hence descending, Foot of Bluff, has $N. E. \& S. W.$ and over rolling land.

30.00 Set a Sand stone $10 \times 10 \times 10$ ins. 7 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 $18 \times 18 \times 12$ 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

Timber of Juniper.

Vegetation. Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}35'$ East.

Over rolling land.

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

42.00 Ascend.

48.00 Top of Bluff bears N.E. & S.W. and descend

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

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

S. $89^{\circ}46'$ W. on a true line between sections 3-10,

Variation $14^{\circ}35'$ East

40.04 Set a Sand stone $10 \times 8 \times 7$ ins., 7 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.

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

Land rolling.

Soil 3^{rd} rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 35'

East.

Over rolling land.

8.00 Ascend.

10.00 Top of Bluff, bears E. and W. and over mesa.

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

43.00 Leave Timber, bears E. & W.

60.00 Descend. Bluff, bears N.E. & S.W.

74.00 Foot of same, and over rolling land.

80.36 Intersect N.B. of Tp. 19 1/2 m. East of cor. to secs.

3-4-33-34 previously set by me.

from which corner, I run

S. S' E, on a true line, between sections 3-4,

Variation 114° 35' East.

40.36 Set a Sand stone 10 x 10 x 7 ins., 7 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.

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Mar. 28, 1883.

Township 23 N, Range 27 E,

Gila and Salt River Meridian,

From the corner to sections, ~~4-5-32-33~~ ^{on South Base Survey} previously set by me.

Chains North, between Sections 32 and 33.

Variation 14° 32' East.

Over rolling land.

20.00 Enter Timber, bear E. and 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.

60.00 Top of Hill bears E. and W. and descend.

80.00 Set a Sand stone 13 x 10 x 7 ins in the ground for Cor. to Secs. 28-29-32-33 marked 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. alongside.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

114° 35'

East.

Over rolling land, gradually ascending.

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

60.00 Top of Hill bears N. 10° E. & S. 10° W. and descend.

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

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

N. 89° 37' W. on a true line between sections 28-33.

Variation

114° 35'

East

39.96 Set a Sand stone 15 x 10 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.

A Juniper 10 ins. diam. bears N. 21 $\frac{1}{2}$ ° E., 118 lks. dist. from whichmarked $\frac{1}{4}$ S. B. T.

No other trees within limits.

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bluegrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 28 and 29.

Variation

14° 35'

East.

Over rolling land.

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

80.00 Set a Sand stone $16 \times 13 \times 7$ ins. 11 ins. in the ground for Cor. to Secs. 20-21-28-29 marked 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. alongside.

A Juniper 7 ins. diam. bears N. $31^{\circ} E$, 200 lks. dist. marked T 23 N, R. 27 E, S., 21 B. T.

A Juniper 5 ins. diam. bears S. $41^{\circ} W$, 100 lks. dist. marked T 23 N, R. 27 E, S., 29 B. T.

A Juniper 5 ins. diam. bears N. $7^{\circ} W$, 145 lks. dist. marked T 23 N, R. 27 E, S., 20 B. T.

No other trees within limits.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N, Range 27 E,

Gila and Salt River Meridian.

Chains

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

Variation $111^{\circ} 35'$ East.

Over rolling land, gradually ascending.

12.00 Leave Timber, bears N. & S.

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

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

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

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

N. $89^{\circ} 54'$ W. on a true line between sections 21-28,Variation $111^{\circ} 35'$ East14.16 Set a Sand stone $15 \times 10 \times 8$ ins. 10ins. 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.

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

Land rolling.

Soil 3^{rd} rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N., Range 27 E.,

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 35'

East.

Over rolling land, gradually ascending.

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

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

80.00 Set a Sand stone $22 \times 10 \times 8$ ins. 16 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 hilly.

Soil $\frac{3}{4}$ rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land, gradually ascending.

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

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

60.00 Ascend. abruptly,

64.00 Top of Bluff, bears N. & S. and descend mesa.

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

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

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

S. 89° 46' W. on a true line between sections 16 - 21,

Variation 14° 35' East

39.99 Set a Sand stone 17 x 10 x 8 ins.!!
 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.

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

Land rolling.

Soil 2nd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N., Range 27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 35'

East.

Over rolling land, gradually ascending.

40.00 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. 41° E., 200 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Juniper 7 ins. diam. bears S. 60° W., 171 lks. dist.
marked $\frac{1}{4}$ S. B. T.

60.00 Top of Hill bears N. 60° E. & S. 60° W., and descend.

60.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
for Cor. to Secs. 8-9-16-17 marked T. 23 N.,
S. 9 on N. E., R. 27 E., S. 16 on S. E., S. 17 on
S. W., and S. 8 on N. W. faces, with 4 notches on
S. and 4 notches on E. edges, from which

A Juniper 14 ins. diam. bears N. 41° E., 174 lks. dist.
marked T. 23 N., R. 27 E., S., 9 B. T.

A Juniper 8 ins. diam. bears S. 45° E., 190 lks. dist.
marked T. 23 N., R. 27 E., S., 16 B. T.

A Juniper 5 ins. diam. bears S. 41° W., 122 lks. dist.
marked T. 23 N., R. 27 E., S., 17 B. T.

A Juniper 12 ins. diam. bears N. 30° W., 260 lks. dist.
marked T. 23 N., R. 27 E., S., 8 B. T.
Land rolling.

Soil

3rd rate

Timber of

Juniper.

Vegetation,

Bunchgrass.

Township

23 N., Range 27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}35'$ East.

Over rolling land.

20.00 Top of Hill bears $N.20^{\circ}E.$ & $S.20^{\circ}W.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

60.00 Ascend.

65.00 Top of ~~Cliff~~ bears $N.15^{\circ}E.$ & $S.15^{\circ}W.$ and descend80.02 Intersect N. & S. line, 7 lks. ^{North} of cor. to secs.

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

 $N.89^{\circ}57'W.$ on a true line between sections 9-16.Variation $14^{\circ}35'$ East

40.01 Set a Sand stone $10 \times 10 \times 7$ ins., 7
 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.

80.02 The corner to sections 8-9-16-17.

Land rolling.

Soil 3^{rd} rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation $14^{\circ} 35'$ East.

Over rolling land.

40.00

Set a Sand stone $17 \times 12 \times 8$ 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.

from which

A Juniper 5 ins. diam. bears N. $21\frac{1}{2}^{\circ}$ E., 127 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 8 ins. diam. bears S. 36° W., 200 lks. dist. marked $\frac{1}{4}$ S. B. T.

60.00

In old Ruin, oval in shape, bears East, about 10.00 cho. dist.

72.00

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

80.00

Set a Sand stone $17 \times 12 \times 8$ ins., 11 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 3^{rd} rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation 14° 35' East.

Over rolling land.

40.00 Set temporary 1/4 Sec. Cor.

79.55 Intersect N. & S. line, 59 lks Nalk of cor. to secs. 3-4-9-10 from which corner, I run

N. 89° 35' W. on a true line between sections 4-9
Variation 14° 35' East

39.93 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.

from which
An old Ruin bears S. 8° E, 4.00 chs. dist. &
A Spring, bears N. 13° E about 7.90 chs. dist.

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

Sand rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation., Bunchgrass.

Township

BOOK
237N,473
Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation $114^{\circ} 35'$ East.

Over rolling land, gradually ascending.

35.00 Top of Hill bears $N. 70^{\circ} E.$ $\& S. 70^{\circ} W.$ and descend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.41.00 Leave Timber, *heads E. & W.*79.70 Intersect N.B. of Tp. 45 *Wks. East of cor. to secs.**4-5-32-33* previously set by me.

from which corner, I run

S. 19^{\circ} E., on a true line, between sections *4-5,*Variation $111^{\circ} 35'$ East.

39.70 Set a *Sand* stone $16 \times 12 \times 7$ ins., 11 ins.
in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on *W.* face,
dug pits $18 \times 18 \times 12$ ins., *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.

79.70 The corner to sections *4-5-8-9,*Land *hilly.*Soil *3rd* rateTimber of *Juniper.*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. 29, 1883.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

From the corner to sections, ~~5-6-31-32~~ ²⁹⁻³⁰⁻³¹⁻³² previously set by me.Chains ~~from~~ North, between Sections 31 and 32.

Variation

14° 32'

East.

Over rolling land, gradually ascending.

40.00 Set a Sand stone 10 x 10 x 7 ins., 7 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., Wand 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.

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

80.00 Set a Sand stone 15 x 7 x 7 ins. 10 ins. in the ground for Cor. to Secs. 29-30-31-32 marked with / notch 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. alongside.

Land rolling.

Soil 3^{rd} rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 35'$ East.

Over rolling land, gradually ascending.

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

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

45.00 Enter Timber, bears N. & S.

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

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

$S 89^{\circ} 44' W.$ on a true line between sections 29-32.

Variation $114^{\circ} 35'$ East

39.86 Set a Sand stone $17 \times 12 \times 8$ ins., 11 ins.

in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,

and 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.

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

Land rolling.

Soil 3^{rd} rate

Timber of Juniper,
Vegetation, Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

114° 35'

East.

Over rolling land, gradually ascending.

21.00

Top of Hill bears N. 10° E. & S. 10° W. and descend.

40.00

Set temporary 1/4 Sec. Cor.

77.94

Intersect N. B. of Tp. 37 1/2 miles South of cor. to secs.

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

from which corner, I run

S. 89° 44' E. on a true line, between sections 30-31.

Variation

114° 38'

East.

37.94

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, dug pits 18 x 18 x 12 ins., E and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.

77.94

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N, Range 27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation

14° 35'

East.

Over rolling land, gradually ascending.

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

28.00 Enter Timber, about E. & W.

46.00 Set a Sand stone 18 x 12 x 7 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 10 x 10 x 5 ins., 7 ins. in the ground for Cor. to Secs. 19-20-29-30 marked with 2 notches on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

BOOK 473
Township 23 N., Range 27 E.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 20 and 29.
Variation $111^{\circ}35'$ East.

Over rolling land.

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

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

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

$S. 89^{\circ}55' W.$ on a true line between sections 20-29,

Variation $111^{\circ}35'$ East

39.70 Set a Sand stone $14 \times 10 \times 8$ 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. from which

A Juniper 5 ins. diam. bears $N. 15^{\circ} E.$, 200 lks. dist.
marked $\frac{1}{4}$ S. B. T. No other trees within limits.

79.40 The corner to sections 19-20-29-30,

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township 23 N., Range 27 E.

Gila and Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.
Variation 14° 35' East.

Over rolling land, gradually ascending.

20.00 Top of Hill bears N. 2° S. and descend.

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

60.00 Leave Timber, bears N. & S.

77.60 Intersect N. B. of Tp. 26 1/4 South of cor. to secs.
19-24-25-30 previously set by me.

from which corner, I run

S. 89° 49' E on a true line, between sections 19-30,

Variation 14° 38' East.

37.60 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.

from which

A Juniper 9 ins. diam. bears N. 17° E, 141 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Juniper 5 ins. diam. bears S. 68 $\frac{1}{2}$ ° W, 225 lks. dist.
marked $\frac{1}{4}$ S. B. T.

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N.,

Range

27 E.,

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation

14° 35'

East.

Over rolling land.

40.00 Set a Sand stone 20 x 12 x 8 ins. 15 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., 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 4 ins. diam. bears N. 15 $\frac{1}{4}$ W. 19 lbs. dist. marked $\frac{1}{4}$ S. B. T.

A Juniper 8 ins. diam. bears S. 46 $\frac{1}{2}$ E. 100 lbs. dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a Sand stone 17 x 10 x 10 ins. 11 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E;

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land, gradually ascending.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.50.00 Top of Hill bears N. 11 $\frac{1}{2}$ ° E. 9 S. 11 $\frac{1}{2}$ ° W. and descend.

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

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

N. 89° 52' W. on a true line between sections 17-20,

Variation

14° 35' East

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

12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. onN. face, and raised a mound of stone 1 $\frac{1}{2}$ ft. high,3 $\frac{1}{2}$ ft. base around post. Pits impracticable.

from which

A Juniper 13 ins. diam. bears N 12 $\frac{1}{4}$ ° E, 27 lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

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

Land hilly.

Soil

3rd rate

Timber of

Juniper.

Vegetation,

Bunchgrass.

Township

23 N.,

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land, gradually ascending.

15.00

Top of Hill bears N. 17 1/2° E. 9 1/4 ft. and descend.

40.00

Set temporary 1/4 Sec. Cor.

62.50

Leave Timber, bears N. E. and S. W.

77.81

Intersect N. B. of Tp. 5 lks. South of cor. to secs.

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

from which corner, I run

N. 89° 58' E. on a true line, between sections 18-19.

Variation 14° 38' East.

37.81

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.

77.81

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

Land rolling.

Soil

3rd

raue

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 14° 35' East.

Over rolling land.

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

68.00 Leave Timber, *beav N.E. and S.W.*

80.00 Set a *Sand* stone $16 \times 12 \times 10$ 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 and
raised a mound of stone alongside. Pits impracticable.

from which

A Juniper 5 ins. diam. bears *N. 19 $\frac{1}{2}$ W., 172* kts. dist.
marked T 23 N., R. 27 E., S., 7 B. T.

No other trees within limits.

Land rolling.

Soil *3rd* rateTimber of *Juniper*.Vegetation, *Bunchgrass*.

Township

23 N, BOOK 473 Range 27 E,

Gila and Salt River Meridian.

Chains

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

Variation $114^{\circ} 35'$ East.

Over rolling land.

10.00 Enter Timber, ^{bears} N. and S.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

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

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

N. 89 $^{\circ}$ 46' W. on a true line between sections S-17,Variation $114^{\circ} 35'$ East

39.82 Set a Sand stone 10 x 10 x 7 ins. 7

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 5 ins. diam. bears S. 21 $^{\circ}$ W, 195 lks. dist.
marked $\frac{1}{4}$ S. B. T. No other trees within limits.

79.63 The corner to sections 7-8-17-18,

Land rolling.

Soil 3 $^{\text{rd}}$ rate

Timber of Juniper.

Vegetation, Bunchgrass.

Mar. 30, 1883.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $114^{\circ}35'$ East.

Over rolling land, gradually ascending

20.00 Top of Hill bears N. and S. and descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.77.48 Intersect N.B. of Tp. 19 $\frac{1}{2}$ m. N. of cor. to secs.

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

from which corner, I run

 $N.89^{\circ}52'E$, on a true line, between sections 7-18.Variation $114^{\circ}38'$ East.37.48 Set a Sand stone $18 \times 12 \times 7$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

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

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 35'

East.

Over rolling land.

40.00 Set a Sand stone 15 x 12 x 9 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.

62.50 Top of Hill bears E. and N. and descend.

80.00 Set a Sand stone 13 x 10 x 7 ins. 9 ins. in the ground for Cor. to Secs. 5-6-7-8 marked with 5 notches on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3rd rate

Timber of Juniper.

Vegetation, Bunchgrass.

Township

23 N.

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ}35'$ East.

Over rolling land.

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

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

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

S. $14^{\circ}5'$ W. on a true line between sections 5-8,

Variation $14^{\circ}35'$ East

39.76 Set a Sand stone $17 \times 12 \times 8$ ins., 11 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., 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.

from which

A Juniper 5 ins. diam. bears N. 70° W., 160 lks. dist.

marked $\frac{1}{2}$ S. B. T. No other trees within limits.

79.51 The cor. is Secs. 5-6-7-8,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Timber of Juniper.

Township

23 N,

Range

27 E,

Gila and Salt River Meridian.

Chains

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

Variation $14^{\circ} 35'$ East.

20.00 Over rolling land, gradually ascending
 40.00 Top of valley, near N. & S. & descend.
 Set temporary $\frac{1}{4}$ Sec. Cor.

77.30 Intersect N. B. of Tp. 32 Nks. South of cor. to secs.
 1-6-7-12, previously set by me.
 from which corner, I run

S. 54' 46" E, on a true line, between sections 6-7,
 Variation $14^{\circ} 38'$ East.

37.30 Set a Sand stone $15 \times 12 \times 10$ 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.

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

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township

23 N,

Range

27 E.

Gila and Salt River Meridian.

Chains

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

Variation

14° 35'

East.

Over rolling land, gradually ascending.

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

55.00 Top of Hill bears E. and N. and descend.

79.51 Intersect N. B. of Tn. 16 lks. East of cor. to secs.

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

from which corner, I run

S. 7' E., on a true line, between sections 5-6.

Variation

14° 35'

East.

89.51 Set a Sand stone 16 x 12 x 10 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.

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

Land rolling.

Soil

3rd rate

Vegetation,

Bunch grass.

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

Mar. 31, 1883.

GENERAL DESCRIPTION.

The general character of the land in this Township is rolling. The soil is 3rd rate, producing Bunchgrass, which furnishes good grazing land for the greater part of the Tp.

Juniper timber abounds, reaching a heavy growth in some portions. There is a Spring in southern part of Sec. 4, and some old ruins are found in Sec. 9.

For Final Notes see
Book No. 18.

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 North
Range 27 East

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

ted by Frank Zollman

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

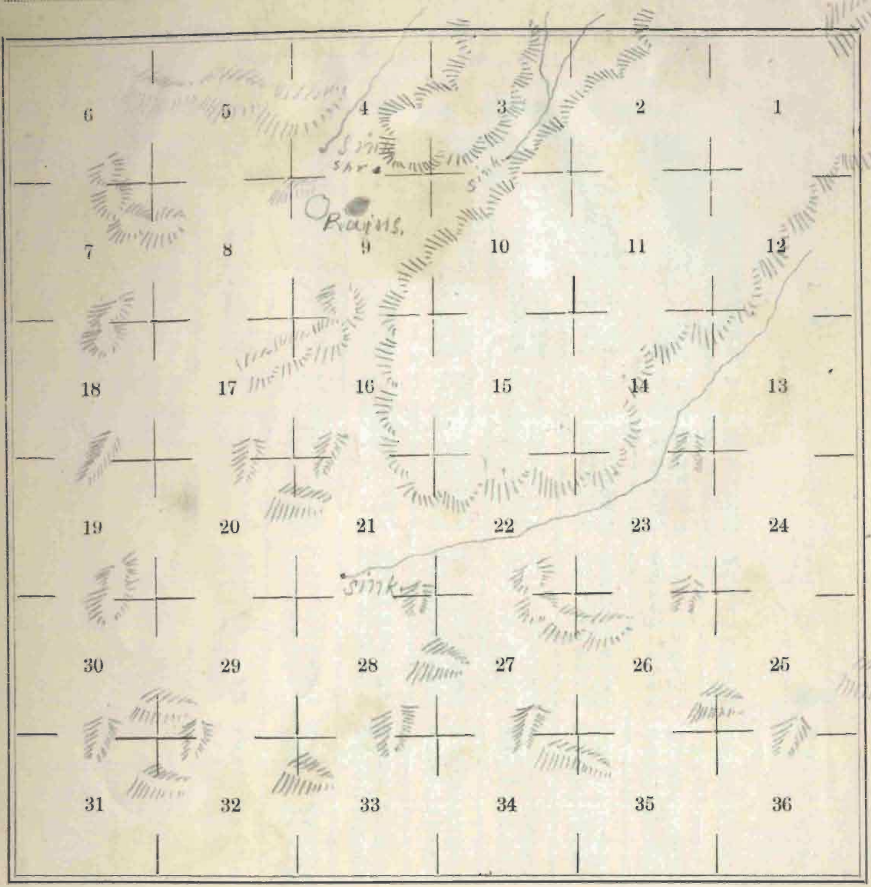
are hereby approved

J. W. Robinson
Surveyor General.

Township 23 N. Range 27 E.

488
2375.66
2.88
41.88

Clear and Salt River Meander



BOOK 473