

No. 1287

See Index

BOOK 1287

FIELD NOTES

+ OF

The 3rd Standard Parallel along.

Township 13 North Range 29 30 31

Gila and Salt River Meridian Arizona.

BY

BOOK 1287

William Senter Deputy Surveyor.

under his contract of April 29th 1882

Survey commenced June 5th 1882

Survey completed June 6th 1882

Platted by No. 1287 1882

Copied for Washington by 1882

Copied for Register by 1882

See book No 12 Third Standard Parallel North along Tps 13 N. R 28 29 & 30 for corrected notes.

1287

See Book No. 1287
 Connected notes
 3rd Stand. Parallel North
 along T. 13 N; R's 28-29 & 30 E

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The instrument that I used in making this survey was manufactured by Otto Sinner of Cassel Germany in 1881, and was carefully examined & tested on the true meridian at Tucson Arizona on the 26th day of May 1882, and was also further tested by me before commencing work and found correct and in perfect adjustment.

On the 5th day of June 1882, I set my instrument at the Standard Cor. to Secs. 33-34 on S. P. of T. 13 N. R. 28 E., examined it and found it correct.

Took the latitude and found it to be 34° 26' North.

3rd Standard Parallel ^{North} along. BOOK 10

S. B. T. 13 N, R. 29 E. G. & S. R. M. 1287

No. 1287

Chains.

Standard
From the Cor. to Tps.
which is a
run,

13 N. Rs. 28 & 29 E.

East. on a true line on S. B. of Section 31.

Va. $14^{\circ} 11'$ East.

Ascend. Through scrub timber.

40.00 Set a post 3 ft. long, 3 ins. diam., ^{with unmarked stone} 12 ins. in the ground,
for Standard $\frac{1}{2}$ Sec. Cor., marked S. U. $\frac{1}{2}$ 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.

75.00 Top of Ridge, bears N. W. ^Q S. E. and descend

80.00 A Pine 14 ins. diam., which I marked
S. C. T. 13 N, R. 29 E. on N.

S. 32 on E. and

S. 31 on W. faces,

with 1 notch on W. and 5 notches on E. faces,
dug pits 18 x 18 x 12 ins. N, E. & W. ^{line} $5\frac{1}{2}$ ft. dist. and
raised a mound of earth around tree, for ^{Standard} cor. to secs:
31 ^Q 32.

Land mountainous

Soil 2nd ^Q 3rd rate.

Timber of Cedar ^Q Pine ^Q undergrowth of same.
Vegetation of Bunchgrass.

Chains.

East. on a true line on S. B. of Section 32.

Va. 14° 11' East.

Descend.

40. 00 Set a *Saine* stone 24 x 14 x 8 ins., 18 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ 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

60. 00 Enter Valley, bears, N. W. and S. E.

68. 50 Cross Road, bears, N. W. and S. E.

72. 10 Cross Wash, 30 lks. wide, Course N. W.

80. 00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{with marked stone} Standard Cor. to Secs. 32 and 33 marked S. C.

T. 13 N., R. 29 E., on N. S. 33 on E. and S. 32 on W. faces, with 2 notches on W. and 4 notches on E. faces, dug pits 18 x 18 x 12 ins. N., E., & W. of post, 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.

Land *hilly* and broken.

Soil 2nd rate.

Timber of Cedar and Pine ^{and} undergrowth of same.
Vegetation of Bunchgrass.

3rd Standard Parallel ^{North to} along.

S. B. T. 13 ^{through} N. R. 29 E. G. & S. R. M.

BOOK 1287 3

Chains.

East. on a true line on S. B. of Section 33.

Va. $14^{\circ} 05'$ East.

Ascend.

40.00 Set a *Lime* stone $14 \times 10 \times 8$ ins., 9 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and rased a mound of stone. ^{alongside} Pits impracticable. Cor. set on Top of Ridge, bears N. W. and S. E. and descend.

63.20 Cross Gulch, 8 lks. wide, Course S. and ascend.

80.00 Set a *Sand* stone $15 \times 12 \times 6$ ins. 10 ins. in the ground for Standard Cor. to Secs. 33 and 34, marked S. C., with 3 notches on E. and 3 notches on W. edges and raised a mound of stone. ^{alongside} Pits impracticable.

Land mountainous

Soil 2nd rate.

Timber of Cedar and Pine.

Vegetation of Bunchgrass.

4 BOOK 128

3rd Standard Parallel along

S. B. T. 13 N. R. 29 E. G. & S. R. M.

Chains.

East. on a true line on S.B. of Section 34.

Va. 14° 00' East.

Ascend.

40.00
→

Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, with marked stone for Standard 1/2 Sec. Cor., marked S. C. 1/2 on N. face, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable. Cor. set on Top of Spur, bears N. and S. and descend.

80.00

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 34 and 35, marked S. C. T. 13 N. R. 29 E. on N., S. 35 on E., and S. 34 on W. faces, with 4 notches on W. and 2 notches on E. faces, and raised a mound of stone 2 ft. high, 4 1/2 ft. base around post. Pits impracticable.

Land rolling.

Soil 2nd rate

Vegetation of Bunch grass.

3rd Standard Parallel along.

S. B. T. 13 N. R. 29 E. G. & S. R. M.

BOOK 1287 5

Chains.

East. on a true line on S. B. of Section 35.

Va. 140 10' East.

Ascend.

- 27.00 Enter timber, bears W. and S.
- 31.00 Top of Ridge, bears W. and S. and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. ^{with marked stone,} 12 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. U. $\frac{1}{2}$ 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.
- 61.00 Cross low Sag and ascend.
- 80.00 Set a Volcanic stone 6 x 14 x 10 ins. 11 ins. in the ground for Standard Cor. to Secs. 35 and 36, marked S. C., with 1 notch on E. and 1 notch on W. edges and raised a mound of stone. ^{alongside} Pits impracticable.
- Land mountainous
Soil 2nd and 3rd rate.
Timber of Cedar and Pine.
Vegetation of Bunchgrass.

3rd Standard Parallel along.

S. B. T. 13 N. ^{through} R. 29 E. G. & S. R. M.

BOOK 1287

Chains.

East. on a true line on S. B. of Section 36.

Var. 14° 10' East.

Ascend.

5.00 Top of Ridge, bears $N. 44^{\circ} S.$ and descend.

21.00 Cross low Sag and ascend.

40.00 Set a Volcanic stone 18 x 12 x 10 ins., 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone. ^{along} Pits impracticable.

68.00 Top of Ridge, bears $N. 20^{\circ} W. \frac{1}{2} S. 20^{\circ} E.$ and descend.

80.00 Set a Volcanic stone 22 x 14 x 8 ins. 16 ins. in the ground, for Standard Cor. to Tps. 13 N., R's 29 and 30 E., marked S. C. with 6 notches on N. E. edges, and raised a mound of stone, ^{alongside} Pits impracticable, from which

A Cedar 12 ins. diam. bears $N. 44^{\circ} E.$, 20 lks. dist.

marked T. 13 N., R. 30 E., S., 31 B. T.

Land mountainous

Soil 3rd rate.

Timber of Cedar and Pine.

Vegetation of Bunchgrass.

General Description

3rd Standard Parallel along.

North

7

S. B. T. 13 N. R. 30 E. G. & S. R. M.

BOOK 1287

Chains.

From the cor.

East. on a true line on S. B. of Section 31.

Va. $14^{\circ} 11'$ East.

Descend. through timber.

18.10 Enter Valley, bears, S. 50° E. 400 U. 50° W.

40.00 Set a Sand stone $14 \times 8 \times 6$ ins., 9 ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ 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

58.60 Cross low Sag and ascend.

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 31 and 32, marked S. C. T. 13 N. R. 30 E., on U, S. 32 on E and S. 31 on W. faces, with / notch on W. and 0 notches on E. faces, dug pits $18 \times 18 \times 12$ ins. U, E. & W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land level and broken.

Soil 2nd and 3rd rate.

Timber of Cedar and Pine.

Vegetation of Bunchgrass.

8 3rd Standard Parallel along.

S. B. T. 13 N. R. 30 E. G. & S. R. M.
BOOK 1287 ^

Chains.

East. on a true line on S. B. of Section 32,

Va. 14° 05' East.

Ascend.

37. 25 Top of Ridge, bears N. 25° W. ^{4th} S. 25° E. and descend.

40. 00 Set a post 3 ft. long, 3 ins. diam. ^{with marked stone} 12 ins. in the ground,
for Standard $\frac{1}{2}$ Sec. Cor., marked S. U. $\frac{1}{2}$ on N. face,
Eng' 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.

60. 00 Cross Gulch, 10 lks. wide, Course ^{W.} and ascend.

72. 20 Over Thousand Can Yuts, bear N. ^{4th} S. ^{4th} descend.

Enter scattering timber, bears N. ^{4th} S.

80.00 Set a Sandstone 20 x 8 x 8 ins. 15 ins. in
the ground for Standard Cor. to Secs. 32 and 33,
marked S. C., with 4 notch ^{is} on E. and 2 notch ^{is} on
W. edges and raised a mound of stone. ^{alongside} Pits impracti-
cable.

Land mountainous

Soil ^{2nd} rate.

Timber of Cedar.

Vegetation of Bunchgrass.

June 5th 1882.

North
3rd Standard Parallel along.

9

S. B. T. 13 N ^{through} R. 30 E. G. & S. R. M.

BOOK 1287

Chains.

East. on a true line on S. B. of Section 33.

Va. 14° 05' East.

Descend.

24.75 Cross Gulch, 80 lks. wide, Course N. 20° E, and ascend.

40.00 Set a Cement stone 16 x 14 x 3 ins., 11 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ on N. face, and raised a mound of stone. ^{alongside.} Pits impracticable.

52.10 Top of Ridge, bears N. and S. and descend.
Lean timber, bears N. and S.

80.00 Set a Sand stone 14 x 14 x 10 ins. 9 ins. in the ground for Standard Cor. to Secs. 33 and 34, marked S. C., with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, 5 $\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base. *alongside*

Land mountainous

Soil 2nd rate.

Timber of Cedar.

Vegetation of Bunchgrass.

10 3rd Standard Parallel ^{through} along.

S. B. T. 13 N. R. 30 E. G. & S. R. M.

BOOK 1287

Chains.

East. on a true line on S. B. of Section 34.

Va. $14^{\circ} 00'$ East.

Descend.

40.00 Set a Cement stone $20 \times 12 \times 8$ ins., 15 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone, ^{alongside} pits impracticable.

44.85 Cross Wash, 25 yds. wide, Course W. and ascend.

70.80 Top of Ridge, bears N. and S. and descend.

80.00 Set a Basaltic stone $20 \times 14 \times 10$ ins. 15 ins. in the ground for Standard Cor. to Secs. 34 and 35, marked S. C., with 2 notches on E. and 4 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. ^{alongside}

Land mountainous

Soil 2nd rate.

Timber of Cedar and undergrowth of same.
Vegetation of Bunchgrass.

3rd Standard Parallel along.

11

S. B. T. 13 N. R. 30 E. G. & S. R. M.

BOOK 1287

Chains.

East. on a true line on S. B. of Section 35.

Va. $14^{\circ} 00'$ East.

Descend.

40.00 Set a Basaltic stone $15 \times 14 \times 12$ ins., 10 ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ 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

45.50 Cross Wash, 40 lks. wide, Course M, and ascend.

80.00 Set a Basaltic stone $14 \times 10 \times 10$ ins. 9 ins. in the ground for Standard Cor. to Secs. 35 and 36, marked S. C., with / notch on E. and 5 notches on W. edges and raised a mound of stone. ^{alongside} Pits impracticable.

Land rolling.

Soil 2nd rate

Vegetation of Bunch grass.

12 3rd Standard Parallel along.

S. B. T. 13 N. ^{through} R. 30 E. G. & S. R. M.

BOOK 1287

Chains.

East. on a true line on S. B. of Section 36.

Va. 13° 55' East.

Ascend.

28.90 Top of Ridge, bears N. 44 S. and descend.

40.00 Set a Sand stone 20 x 16 x 4 ins., 15 ins. in the ground for Standard 1/4 Sec. Cor., marked S. C. 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 bears: a rocky Butte, North, 150 lks. dist.

51.50 Cross Wash, 10 lks. wide, Course N. S.

79.20 Cross Wash, 30 lks. wide, Course N. S. and ascend.

80.00 Set a post 4 1/2 ft. long, 4 ins. square, ^{with marked stone,} 12 ins. in the ground, for Standard Cor. to Tps. 13 N., R's 30 and 31 E. marked S. C. T. 13 N. on N. R. 31 E. . S. 31 , on E. and R. 30 E. S. 36 , on W. faces with 6 notches on N, E. & W. faces, dug pits, 24 x 18 x 12 ins. crosswise on each line, N, E. & W of post, 6 ft. dist. and raised a mound of earth 2 1/2 ft. high 5 ft. base, around post. Land mountainous.

Soil 2nd rate

Vegetation of Bunelgrass.

General Description

S. B. T. 13 N. R. 31 ^{through} E. G. & S. R. M.

BOOK 1287

Chains.

~~Better Description for starting point~~
 East. on a true line on S. B. of Section 31
 Va. 13° 47' East.

Ascend. gradually.

11.10 Leave Valley, bears W. E. and S. W. and ascend.

Foot of Utesa, bears N. and S. and ascend abruptly.

22.00 Top of Utesa, bears N. and S. and descend.

33.55 Cross Wash, 5 lks. wide, Course S. and ascend.

40.00 Set a Sandstone 20 x 10 x 6 ins., 15 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone. ^{alongside} Pits impracticable.

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

66.50 Erect Cedar timber, bears N. and S.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with marked stone,} 12 ins. in the ground, for ^{Standard} Cor. to Secs. 31 and 32 marked S. C. T. 13 N. R. 31 E., on N. S. 32 on E. and S. 31 on W. faces, with 1 notch on W. and 5 notches on E. faces, dug pits 18 x 18 x 12 ins. N. E. end of post, 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling. Timber of Cedar.

Soil 2nd rate

Vegetation of Bunchgrass.

14 372 Standard Parallel along.

S. B. T. 13 N. R. 31 E. G. & S. R. M.

BOOK 1287

Chains.

East. on a true line on S. B. of Section 32.

Va. $13^{\circ} 45'$ East.

Descend.

40. 00 Set a post 3 ft. long, 3 ins. diam. ^{with marked stone} 12 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ 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.

62. 62 New Mexico road, near S. 38° E. and W. 38° W.

80. 00 Set a post, 4 ft. long, 4 ins. square, ^{with marked stone} 12 ins. in the ground, for Standard Cor. to Secs. 32 and 33, marked S. C. T. 13 N. R. 31 E. on U. S. 33 on E. and S. 32 on W. faces, with 2 notch es on W. and 4 notches on E. faces, dug pits 18 x 18 x 12 ins. U. E. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass.

Timber of Scrub Cedar.

3rd Standard Parallel along.

15

arrow
11

S. B. T. 13 N. R. 31 E. G. & S. R. M.

BOOK 1287

No. 1287

Chains.

East. on a true line on S. B. of Section 33.

Va. 13°40' East.

Descend.

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

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ^{with marked stone} ground, for Standard Cor. to Secs. 33 and 34, marked S. C. T. 134. R. 31 E. on W. S. 34 on E. and S. 33 on W. faces, with 3 notches on E. and 3 notches on W. faces, and raised a mound of stone 2 ft. high, 4 $\frac{1}{2}$ ft. base around post. Pits impracticable.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass.

Timber of Cedar.

16 3rd Standard Parallel along.

S. B. T. 13 N. R. 31 E. G. & S. R. M.

Chains, **BOOK 1287**

East. on a true line on S. B. of Section 34.

Va. 13° 42' East.

Descend.

21. 78

Intersect Boundary line between Arizona, and New Mexico at a point which bears 9.91 chs. North from the 174th Mile post, and

Set a post 4½ ft. long, 4 ins. square, 12 ins. in the ground, for Standard ^{closing} Cor. to Tps. 12 & 13 N., R. 31

East. marked S. C. 6.6. R. 31 E. on N. E. 13 N. S. 34, on N. and R. 12 N. S. 3, on S. faces with 6 notches on N., S. & W. faces, dug pits, 24 x 18 x 12 ins. crosswise on each line, N. S. & W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base, around post.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass.

Timber of Cedar.

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

June 6th 1882.

General Description