Book I

No. 1251

Indexed See Index

FIELD NOTES

OF

The 5th Standard Parallel along

S. Bdy.

Township 2 N. *Range* 28, 29

30 & 31 E

Gila and Salt River *Meridian,* Arizona.

BY

W. H. Fitzgerald *Deputy Surveyor,*

under his contract of July 17th 188

Survey commenced Oct. 2nd 188

Survey completed Oct. 4th 188

Platted by 188

Copied for Washington by 188

Copied for Register by 188

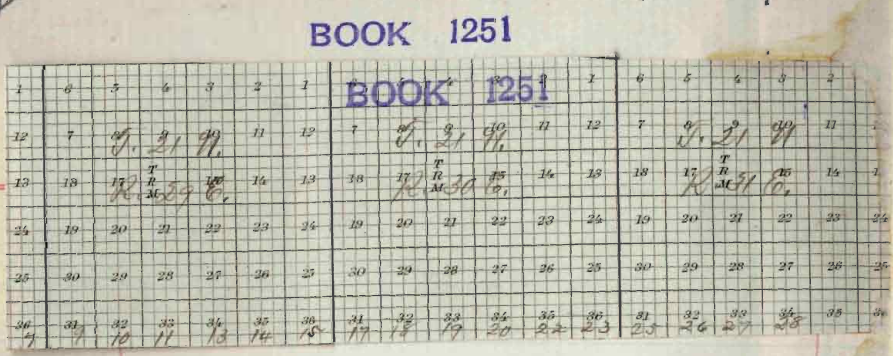
No. 1251

1A

Index

5th Standard Parallel North
(along)

1B



The instrument that I used in making this survey, was made by Otto Fennel of Cassel, Germany in 1881.

I carefully examined this instrument and compared it with the instrument belonging to O. E. Wheeler, which instrument was compared with the true meridian at Tucson, Arizona in May, 1882 found to be in perfect adjustment, and left for the purpose of comparison. I found my instrument to be correct. It is at the Standard Cor. to Tps. 21 N., Rs. 27 and 28 E., and proceed to survey as follows:

 1C E.

Preliminary Oaths of Assistants.

I, S. C. Capp, do solemnly swear that I will well and truly perform the duties of compassman, according to instructions given me and to the best of my skill and ability, in the survey of the Exterior and Subdivision lines of Tps 20 & 21 N. R 28 E. T 23 N. R 31 E & Tps 19, 20 21 & 22 N Rs 29, 30 & 31 E G. & S. R. M

S. C. Capp, Compassman.

Subscribed and sworn to before me this 29th day of September, 1882

A. E. Shoemaker
U. S. Commissioner, 3d Judicial District, Arizona Territory.

We, Thos J. Kerr, W. L. Van Horn and Geo. Jacobs James Newton, do solemnly swear that we will well and faithfully execute the

10

duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Exterior and Subdivisional lines of Tps 20 & 21 N R 28 E. T 23 N. R 31 E & Tps 19, 20 21 & 22 N Rs 29, 30 & 31 E G & S R M

Thos. G. Kerr, *Chainman.*

W. L. Vaughn, *Chainman.*

George Jacobs, *Chainman.*

James Newton, *Chainman.*

Subscribed and sworn to before me this 29 *day of* September, *188*2

A. E. Shoemaker

U. S. Commissioner, 3d Judicial District, Arizona Territory.

1E

BOOK 1251

~~We~~ I S. A. Walker

~~and~~ ,

do solemnly swear that ~~we~~ I will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given ~~us~~ me, and to the best of ~~our~~ my skill and ability, in the survey of the Exterior and Subdivision lines of Tps 20 & 21 N R 28 E. T 23 N. R 31 E & Tps 19, 20 21 & 22 N. R 29, 30 & 31 E G. & S R. M

S. A. Walker, Axeman.

, Axeman.

Subscribed and sworn to before me this 29th day of September, 188 5

A. E. Shoemaker
U. S. Commissioner, 3d Judicial District,
Arizona Territory.

10 1F

BOOK 1251

I, H. N. Nicholl

, do solemnly swear

that I will well and truly perform the duties of flagman,

according to instructions given me, and to the best of

my skill and ability, in the survey of the Exterior

and subdivision lines of Tps 20

& 21 N R 28 E. T 23 N. R 31 E

and Tps 19. 20. 21 & 22 N Rs 2.

30 & 31 E G. & S. R. M

H. N. Nicholl, Flagman.

,

Subscribed and sworn to before me this 29th

day of September, 1882

A. E. Shoemaker

U. S. Commissioner, 3d Judicial District,

Arizona Territory.

6 ¼" Standard Parallel along. 1G

S. B. T. 21 N. R. 28 E. G. & S. R. M.

No. 1251 BOOK 1251

ains.

From the Standard Cor. to Tps. 21 N. Rs. 27 & 28 E.,

which is a

post 4½ ft. long, 4 ins. square, ~~with marked stone 12 ins.~~ set firmly in the ground, for Standard Cor. to Tps. 21 N., R's 27 and 28 E., marked S. C. T. 21 N. on N., R. 28 E., S. 31, on E. and R. 27 E. S. 36 on W. faces with 6 notches on N., E. and W. faces, ~~dug~~ with 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 2½ ft, high, 5 ft, base, around post, from which

A Cedar 14 ins. diam. bears N. 47° E., 96 lks. dist. marked T. 21 N., R. 28 E., S., 31 B. T.

A Cedar 10 ins. diam. bears N. 54° W., 107 lks. dist. marked T. 21 N., R. 27 E., S., 36 B. T.

A Cedar 14 ins. diam. bears S. 32° E., 79 lks. dist. marked T. 20 N., R. 28 E., S., 6 B. T.

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

Va. 14° 15' East.

Ascend.

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

2 5 4/4 Standard Parallel along.

S. B. T. 21 N. R. 28 E. G. & S. R. M.

BOOK 1251

Chains.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ on N. face; from which

A Pine 10 ins. diam. bears N. 16° E., 97 lks. dist. marked S. C. ¼ S. B. T.

A Pine 6 ins. diam. bears S. 36° W., 107 lks. dist. marked S. C. ¼ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 31 and 32, marked S. C. T. 21 N., R. 28 E. on N., S. 32 on E. and S. 31 on W. faces, with 1 notch on W. and 5 notches on E. faces; from which

A Cedar 18 ins. diam. bears N. 57° E., 59 lks. dist. marked T. 21 N., R. 28 E., S., 32 B. T.

A Cedar 20 ins. diam. bears N. 26° W., 47 lks. dist. marked T. 21 N., R. 28 E., S., 31 B. T.

A Pine 10 ins. diam. bears S. 65° E., 11 lks. dist. marked T. 21 N., R. 28 E., S., 5 B. T.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunch grass.

5 ¼ Standard Parallel along. 3

S. B. T. 21 N. R. 28 E. G. & S. R. M.

BOOK 1251

Chains.

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

from which

A Pine 4 ins. diam. bears S. E. 21 lks. dist. marked S. C. ¼ S. B. T.

No other trees within limits.

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. 21 N, R. 28 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. and W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

hains. C

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Cedar 20 ins. diam. bears N. 30° E., 16 lks. dist. marked S. C. ¼ S. B. T.

A Cedar 20 ins. diam. bears S. 72° W., 47 lks. dist. marked S. C. ¼ S. B. T.

64.35 Cross Road, bears, N. 40° E. and S. 40° W.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 33 and 34, marked S. C. T. 21 N., R. 28 E. on N. S. 34 on E. and S. 33 on W. faces, with 3 notches on E. and 3 notches on W. faces; from which

A Cedar 14 ins. diam. bears N. 47° E., 99 lks. dist. marked T. 21 N., R. 28 E., S., 34 B. T.

A Cedar 14 ins. diam. bears N. 74° W., 111 lks. dist. marked T. 21 N., R. 28 E., S., 33 B. T.

A Pine 10 ins. diam. bears S. 52° W., 81 lks. dist. marked T. 20 N., R. 28 E., S., 4 B. T.

S. B. T. 21 N R. 28 E. G. & S. R. M.

hains.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar,

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked claw, 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

80.00 Set a post, 4 ft. long, 4 ins. square, with marked claw, 12 ins. in the ground, for Standard Cor. to Secs. 34 and 35, marked S. C. T. 21 N., R. 28 E., on N., S. 35 on E. and S. 34 on W. faces, with 2 notches on E. and 4 notches on W. faces, dug pits 18 x 18 x 12 ins. N., E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar,

Vegetation of Bunchgrass.

5 21/4 Standard Parallel along.

S. B. T. 21 N. R. 28 E. G. & S. R. M.

BOOK 1251

hains. C

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

75.00 Cross Gulch, 20 lks. wide, Course N. E. and ascend.

and Cross Trail, bears N. E. & S. W.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 35 and 36, marked S. C. T. 21 N., R. 28 E. on N. S. 36 on E. and S. 35 on W. faces, with 1 notch on E. and 5 notches on W. faces; from which

A Cedar 20 ins. diam. bears N. 36° E., 51 lks. dist. marked T. 21 N., R. 28 E., S., 36 B. T.

A Cedar 20 ins. diam. bears N. 20° W., 74 lks. dist. marked T. 21 N., R. 28 E., S., 35 B. T.

A Pine 6 ins. diam. bears S. 54° E., 39 lks. dist. marked T. 20 N., R. 28 E., S., 1 B. T.

Land mountainous

Soil 3rd rate.

Timber of Pine and Cedar.

Vegetation of Bunch grass.

S. B. T. 21 N. R. 28 E. G. & S. R. M.

hains.

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

Va. 14° 15' East.

Ascend.

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

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Pine 10 ins. diam. bears North, 26 lks. dist. marked S. C. ¼ S. B. T.

A Pine 7 ins. diam. bears S. 20° W., 49 lks. dist. marked S. C. ¼ S. B. T.

64.50 A Spring, bears North, 11.00 chs. dist.

80.00 Set a post, 4½ ft. long, 4 ins. square, 24 ins. in the ground, for Standard Cor. to Tps. 21 N., R's 28 and 29 E., marked S. C. T. 21 N. on N., R. 29 E. S. 31, on E. and R. 28 E. S. 36 on W. faces, with 6 notches on N., E. & W. faces; from which

A Cedar 20 ins. diam. bears N. 18° E., 40 lks. dist. marked T. 21 N., R. 29 E., S. 31 B. T.

A Cedar 20 ins. diam. bears N. 17° W., 84 lks. dist. marked T. 21 N., R. 28 E., S. 36 B. T.

5 $\frac{2}{4}$ Standard Parallel along.

S. B. T. 21 N. R. 28 E. G. & S. R. M.

ains. Ch

A Pine 14 ins. diam. bears S. 44° W., 94 lks. dist.

marked T. 20 N. R. 28 E., S., 1 B. T.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

October 2nd 1882.

S. B. T. 21 N R. 29 E. G. & S. R. M.

ains.

From the Standard Cor. to Secs. 21 N. Rs. 28 & 29 E. just established - I run -

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

Va. 14° 15' East.

Descend.

9.00 Cross Trail, bears N. 20° W. and S. 20° E., and

Cross Gulch, 6 lks. wide, Course N. 20° W. and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

from which

A Cedar 20 ins. diam. bears S. 81° E., 117 lks. dist. marked S. C. ¼ S. B. T.

No other trees within limits.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 31 and 32, marked S. C. T. 21 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; from which

A Cedar 14 ins. diam. bears N. 59° E., 25 lks. dist. marked T. 21 N, R. 29 E., S., 32 B. T.

A Cedar 16 ins. diam. bears N. 24° W., 13 lks. dist. marked T. 21 N, R. 29 E., S., 31 B. T.

10 5th Standard Parallel along.

S. B. T. 21 N R. 29 E. G. & S. R. M.

Chains.

A Pine 4 ins. diam. bears S. 10° E., 72 lks. dist.
marked T. 20 N., R. 29 E., S., 5 B. T.

Land rolling.

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Ascend.

31.00 Top of Ridge, bears N. 50° E. & S. 50° W and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S. on N. face; from which

A Cedar 20 ins. diam. bears S. 7° E., 13 lks. dist.
marked S. C. ¼ S. B. T.

A Cedar 20 ins. diam. bears N. 72° W., 43 lks. dist.
marked S. C. ¼ S. B. T.

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. 21 N., R. 29 E., on N., S. 33 on E. and S. 32 on W. faces, with 2 notches on N. and 4 notches

S. B. T. 21 N R. 29 E. G. & S. R. M.

Chains.

on E. faces, dug pits 18 x 18 x 12 ins. N., E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

from which

A Pine 4 ins. diam. bears N. 13° E., 94 lks. dist.

marked T. 21 N., R. 29 E., S., 33 B. T.

No other trees within limits.

Land mountainous and rolling.

Soil good rate.

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Descend.

33.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground. for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Pine 10 ins. diam. bears N. 10° W., 47 lks. dist.

marked ¼ S. C. S. B. T.

5 ch. Standard Parallel along.

S.B. T. 21 N. R. 29 E. G. & S. R. M.

Chains. BOOK 1251

A Pine 6 ins. diam. bears S. 39° E., 59 lks. dist.
marked S. C. ¼ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground for Standard Cor. to Secs. 33 and 34, marked S.C. T. 21 N., R. 29 E. on N., S. 34 on E. and S. 33 on W. faces, with 3 notches on W. and 3 notches on E. faces; from which

A Cedar, 12 ins. diam. bears N. 74° E., 45 lks. dist.
marked T. 21 N., R. 29 E., S., 34 B. T.

A Pine, 4 ins. diam. bears N. W., 58 lks. dist.
marked T. 21 N., R. 29 E., S., 33 B. T.

A Cedar 20 ins. diam. bears S. 60° W., 69 lks. dist.
marked T. 20 N., R. 29 E., S., 4 B. T.

Land rolling.

Soil 3rd rate.

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

S. B. T. 21 N. R. 29 E. G. & S. R. M.

Chains.

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

Va. 14° 15' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground for Standard ½ Sec. Cor., marked S. C. ½ S on N. face; from which

A Pine 6 ins. diam. bears N. 29° E., 78 lks. dist. marked S. C. ½ S. B. T.

A Pine 8 ins. diam. bears S. 82° W., 95 lks. dist. marked S. C. ½ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 34 and 35, marked S. C. T. 21 N., R. 29 E. on N., S. 35 on E. and S. 34 on W. faces, with 2 notches on E. and 4 notches on W. faces; from which

A Cedar 20 ins. diam. bears N. 61° E., 13 lks. dist. marked T. 21 N., R. 29 E., S., 35 B. T.

A Cedar 20 ins. diam. bears N. 47° W., 49 lks. dist. marked T. 21 N., R. 29 E., S., 34 B. T.

A Pine 10 ins. diam. bears S. 78° E., 37 lks. dist. marked T. 20 N., R. 29 E., S., 2 B. T.

14 5 24/ Standard Parallel along.

S. B. T. 21 N. R. 29 E. G. & S. R. M.

Chains.

Land rolling.

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Eucalyptus.

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

Va. 14° 15' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Pine 6 ins. diam. bears N. 10° E., 34 lks. dist. marked S. C. ¼ S. B. T.

A Pine 4 ins. diam. bears S. 7° W., 57 lks. dist. marked S. C. ¼ S. B. T.

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

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 35 and 36, marked S. C. T. 21 N. R. 29 E., on N., S. 36 on E. and S. 35 on W. faces, with 5 notches on W. and 1 notch on E. faces, dug pits 18 x 18 x 12 ins. N., E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

S. B. T. 21 N R. 29 E. G. & S. R. M.

Chains.

Land rolling.....

Soil 3rd rate.

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Cedar 20 ins. diam. bears N. 25° E., 38 lks. dist. marked S. C. ¼ S. B. T.

A Cedar 20 ins. diam. bears S. 10° W., 38 lks. dist. marked S. C. ¼ S. B. T.

80.00 Set a post, 4½ ft. long, 4 ins. square, 24 ins. in the ground, for Standard Cor. to Tps. 21 N., R's 29 and 30 E. marked S. C. T. 21 N. on N., R. 30 E. S. 31, on E. and R. 29 E. S. 36 on W. faces, with 6 notches on N., E. & W. faces; from which

A Cedar 16 ins. diam. bears N. 67° E., 81 lks. dist. marked T. 21 N. R. 30 E., S., 31 B. T.

6 5 3/4" Standard Parallel along.

S. B. T. 21 N. R. 29 E. G. & S. R. M.

Chains. Ch

A Cedar 18 ins. diam. bears N. 59° W., 78 lks. dist.

marked T. 21 N., R. 29 E., S., 36 B. T.

A Cedar 20 ins. diam. bears S. 25° E., 65 lks. dist.

marked T. 20 N., R. 30 E., S., 6 B. T.

Land rolling.

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Runchgrass.

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

October 3rd 1882.

S. B. T. 21 N. R. 30 E. G. & S. R. M.

hains.

From the Standard Cor. to Tp 21 N. R 29 & 30 E — just established —

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

Va. 14°15′ East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Cedar 12 ins. diam. bears N. W., 73 lks. dist. marked S. C. ¼ S. B. T.

A Cedar 16 ins. diam. bears S. 11° E., 47 lks. dist. marked S. C. ¼ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 31 and 32, marked S. C. T. 21 N., R. 30 E. on N., S. 32 on E., and S. 31 on W. faces, with 1 notch on W. and 5 notches on E. faces; from which

A Cedar 14 ins. diam. bears N. 49° E., 68 lks. dist. marked T. 21 N., R. 30 E., S., 32 B. T.

A Cedar 16 ins. diam. bears N. 24° W., 103 lks. dist. marked T. 21 N., R. 30 E., S., 31 B. T.

A Cedar 14 ins. diam. bears S. 65° W., 47 lks. dist. marked T. 20 N., R. 30 E., S., 6 B. T.

18 5 ¼" Standard Parallel along.

S. B. T. 21 N. R. 30 E. G. & S. R. M.

Chains. BOOK 1251 C

Land rolling.

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

59.00 Cross Wash, 50 lks. wide, Course S. 57 W. and ascend.

79.00 Top of Mountain, bears N. & S. and descend.

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. 21 N., R. 30 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, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

S. B. T. 21 N. R. 30 E. G. & S. R. M.

hains.

Land mountainous

Soil 3rd rate.

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

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

Va. 14°15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face; from which

A Pine 10 ins. diam. bears N. 10° E., 14 lks. dist. marked S. C. ¼ S. B. T.

A Pine 6 ins. diam. bears S. 38° W., 49 lks. dist. marked S. C. ¼ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Standard Cor. to Secs. 33 and 34, marked S. C. T. 21 N., R. 30 E on N., S. 34 on E. and S. 33 on W. faces, with 3 notches on E. and 3 notches on W. faces; from which

A Cedar 20 ins. diam. bears N. 65° E., 73 lks. dist. marked T. 21 N., R. 30 E., S., 34 B. T.

20 5th Standard Parallel along.

S. B. T. 21 N. R. 30 E. G. & S. R. M.

Chains.

A Cedar 20 ins. diam. bears N. 19° W., 84 lks. dist.

marked T. 21 N., R. 30 E., S., 33 B. T.

A Pine 6 ins. diam. bears S. 41° W., 17 lks. dist.

marked T. 20 N., R. 30 E., S., 4 B. T.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

51.00 Cross Wash, 10 lks. wide, Course N. 20° W. and ascend.

80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Standard Cor. to Secs. 34 and 35 marked S. C. T. 21 N., R. 30 E., on N., S. 35 on E. and S. 34 on W. faces, with 4 notches on N. and 2 notches

Chains.

on E. faces, dug pits 18 x 18 x 12 ins. N. E. rd. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

22 5.4/-/1 Standard Parallel along.

S. B. T. 21 N R. 30 E. G. & S. R. M.

BOOK 1251

Chains.	
	East. on a true line on S. B. of Section 35.
	Va. 14° 15' East.
	Ascend.
2.00	Foot of Spur, bears N. and S. and ascend.
21.50	Top of Spur, bears N. 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 ¼ Sec. Cor., marked S. C. ¼ S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
44.60	Cross Gulch, 10 lks. wide, Course S. 80° W. and ascend.
62.00	Top of Spur, bears N. E. and S. W. and descend.
71.10	Cross Gulch, 8 lks. wide, Course S. 15° W. and ascend.
78.00	Top of Mesa, bears N. and S. and descend.
80.00	Set a post, 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Secs. 35 and 36, marked S. C. T. 21 N., R. 30 E., on N., S. 36 on E. and S. 35 on W. faces, with 5 notches on W. and 1 notch on E. faces, dug pits 18 x 18 x 12 ins. N., E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land mountainous
	Soil 3rd rate.
	Timber of Pine and Cedar.
	Vegetation of Bunchgrass.

Standard Parallel along S. B.

T. 21 N. R. 30 E. G. & S. R. M.

No. 1251

ains.

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

Va. 14° 15′ East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S. on N. face; from which

A Cedar 20 ins. diam. bears N. 14° W., 97 lks. dist. marked S. C. ¼ S. B. T.

A Cedar 20 ins. diam. bears S. 72° E., 107 lks. dist. marked S. C. ¼ S. B. T.

71.00 Leave Timber, bears N. and S.

72.00 Cross Trail, bears N. and S.

80.00 Set a post 4½ ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Tps. 21 N., R's 30 and 31 E., marked S. C. T: 21 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 2½ ft, high, 5 ft, base, around post,

24 6 Standard Parallel Line, along

S.B. T. 21 N. R. 30 E. G. & S. R. M.

BOOK 1251

Chains.

Land mountainous

Soil poor *rate.*

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

5 ½ Standard Parallel along. 25

S. B. T. 21 N. R. 31 E. G. & S. R. M.

Chains.

From the Standard Cor. to Tp. 21 N. Rs. 30 & 31 E. - just established. Run East. on a true line on S. B. of Section 31.

Va. 14° 15' East.

Descend.

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

40.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ S on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

52.00 Enter Timber, N. and S.

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 35 and 36, marked S. C. T. 21 N., R. 31 E., on N., S. 36 on E. and S. 25 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. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil 3rd rate.

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

26 5 Standard Parallel along.

S. B. T. 21 N R. 31 E. G. & S. R. M.

hains.

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

Va. 14° 15' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

80.00 A Cedar 16 ins. diam. which I marked S. C. T. 21 N., R. 31 E. on N.; S. 33 on E. and S. 32 on W. faces, with 2 notches on W. and 4 notches on E. faces, for Standard Cor. to Secs. 32 and 33;

from which

A Cedar 14 ins. diam. bears N. 14° E., 13 lks. dist. marked T. 21 N., R. 31 E., S., 33 B. T.

A Cedar 16 ins. diam. bears N. 79° W., 17 lks. dist. marked T. 21 N., R. 31 E., S., 32 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate.

Timber of Pine and Cedar

Vegetation of Bunchgrass.

hains.

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

Va. 14° 15′ East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for Standard ¼ Sec. Cor., marked S. C. ¼ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which

A Cedar 10 ins. diam. bears N. 11° E., 14 lks. dist. marked S. C. ¼ S. B. T.

No other trees within limits.

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

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground for Standard Cor. to Secs. 33 and 34 marked S. C. T. 21 N., R. 31 E. on N., S. 34 on E. and S. 33 on W. faces, with 2 notches on E. and 4 notches on W. faces; from which

A Cedar 16 ins. diam. bears N. 60° E., 55 lks. dist. marked T. 21 N., R. 31 E., S., 34 B. T.

A Cedar 16 ins. diam. bears N. 32° W., 79 lks. dist. marked T. 21 N., R. 31 E., S., 33 B. T.

A Cedar 10 ins. diam. bears S. 76° E., 21 lks. dist. marked T. 20 N., R. 31 E., S., 3 B. T.

28 5th Standard Parallel along.

S. B. T. 21 N R. 31 E. G. & S. R. M.

Chains.

Land mountainous

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

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

Va. 14° 15' East.

Descend.

10.64 Intersect Boundary line between Arizona. and New Mexico. at a point which bears 25.98 chs. North from the 127th Mile post, which is a

post, 5 ft. long, 6 ins. squar, 12 ins. in the ground, marked 127 M. on N.; A. on W. and U. M. on E. faces, with pits 24 x 18 x 12 ins., N., S., E. and W. of post, 6 ft. dist.; and a mound of earth, 2½ ft. high, 5 ft. base around post, and

5 ¼" Standard Parallel along. 27

S. B. T. 21 N R. 31 E. G. & S. R. M.

Chains.

Set a post 4½ ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to Tps. 20 & 21 N, R's 31 E ~~and~~ marked C. C. R. 31 E. on W. ~~on~~ R. 21 N., S. 34, on N., and R. 20 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, from which

A Pine 4 ins. diam. bears N. 64° W., 19 lks. dist. marked T. 21 N, R. 31 E., S., 34 B. T.

A Pine 6 ins. diam. bears S. 52° W., 31 lks. dist. marked T. 20 N, R. 31 E., S., 3 B. T.

Land mountainous

Soil 3rd rate.

Timber of Cedar & Pine.

Vegetation of Bunchgrass.

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

Oct. 4th 1882.

For final Oaths see Book 18—

U. S. Surveyor General's Office,

TUCSON, ARIZONA, May 17, 1883

The foregoing Field Notes of the Survey of the 5th Standard Parallel along S. B., Townships 21 North, Ranges 28. 29. 30 & 31 E.

Of the Gila and Salt River Base and Meridian, Arizona, executed by W. R. Fitzgerald *Deputy Surveyor, under his contract of the* 14th *day of* July, 1882, *having been critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.*

J. W. Robbins

Surveyor General.