

No. 1246

Book No. 1

See Index

registers

BOOK 1246

FIELD NOTES

OF

The 6th Standard Parallel along

S. boundaries of Townships 25th, Range 18, 19, 20 and 21

S. and S. W. Meridian, Arizona.

BY

BOOK 1246

A. P. Johnson Deputy Surveyor,

under his contract of August 5th 1882

Survey commenced January 8th 1883

Survey completed January 9th 1883

Platted by 188

Copied for Washington by 188

Copied for Register by 188

No. 1246

1246

Preliminary Oaths of Assistants.

I, G. M. Carson, do solemnly

swear that I will well and truly perform the duties of compass-
man, according to instructions given me, and to the best of my
skill and ability, in the survey of the 6th Standard line
South along S. 13. Tps 25 N. Rs 18. 19. 20 + 21 E
The Auxiliary Guide Meridian along N. 13
Tps 21. 22. 23 + 24 of R 21 E and the Extension
and subdivision lines of Tps 21. 22.
23 + 24 of R. 18. 19. 20 + 21 E of
E. + S. R. M.

G. M. Carson, Compassman.

Subscribed and sworn to before me this

6th

day of January, 1883.

Geo. L. Ravenport

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

We, M. M. Harlan, John J. Mahan
and Henry Herold + Thomas Amos
do solemnly swear that we will well and faithfully execute the

13

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 6th Standard

line North along S. B. Tps 25 N. Rs. 18, 19, 20 & 21 E. The Auxiliary Guide Meridian along W. B. Tps 21, 22, 23 & 24 R 21 E and the Exterior and subdivision lines of Tps 21, 22, 23 & 24 R 18, 19, 20 & 21 E of C. & S. R. M.

M M Harlan, Chainman.

Henry Herold, Chainman.

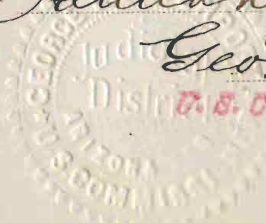
Thomas Dowhne, Chainman.

John J Mahan, Chainman.

Subscribed and sworn to before me this 6th

day of January, 1883

Geo. L. Davenport
D. S. Commissioner, 3d Judicial District
Arizona Territory.



We, *John Phelan*
and *Geo. B. Coleman*,

do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of *the 6th Standard line North along T. 43. Tps 25 N. Rs 18. 19 20 + 21 E. The Auxiliary Guide Meridian along T. 43. Tps 21. 22, 23 + 24 N R 21 E and the Exterior and Subdivision lines of Tps 21, 22, 23 + 24 N Rs 18, 19, 20 + 21 E L. + S. R. W*

John Phelan, Axeman.

Geo. B. Coleman, Axeman.

Subscribed and sworn to before me this *6th*
day of *January*, 188 *3*

Geo. L. Davenport

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

Index

6th Standard Parallel North.
(along)

	Page
S-Bdy - T. 25 N; R. 18 E. ✓	1
" - " - " 25", " 19 " ✓	7
" - " - " 25", " 20 " ✓	13
" - " - " 25", " 21 " ✓	19

BOOK 1246

2	3	4	BOOK 1246					6	5	4	3	2	1
11	12	7	8	9	10	11	12	13	14	15	16	17	18
14	13	18	17	16	15	14	13	18	17	16	15	14	13
23	24	19	20	21	22	23	24	19	20	21	22	23	24
26	25	30	29	28	27	26	25	30	29	28	27	26	25
33	36	31	32	33	34	35	36	31	32	33	34	35	36
11	12	13	14	15	16	17	18	19	20	21	22	23	24



No. 1246

BOOK 1246

Chains.

Instrument used in making this survey was made by Otto Feupel of Bassell Germany in 1851. I carefully examined the instrument and compared it with the instrument belonging to O D Wheeler. which instrument was compared with the true Meridian at Tucson Arizona in May 1882 and found to be in perfect adjustment. I found my instrument to be correct.

From the Standard cor. to Tpo. 25 N., R. 17 & 18 E., which is a post, 4 1/2 ft. long, 4 ins. sq. with marked stone set firmly in the ground marked S. C. J. 25 N. on N.; R. 18 E. S. 31 on E. faces, R. 17 E. S. 31 on W. faces, with 6 notches on N., E. & W. faces; with pits 24 x 18 x 12 ins. N., E. & W. of post, 6 ft. dist. and a mound of earth, 2 1/2 ft. high, 5 ft. base around post, 3 run East. on a true line on S. B. of Section 31.

Va. 10000' East

Ascend. Over rolling land.

13.16 Descend. Over rolling land.

40.00 Set a post 3 ft. long, 3 ins. diam. 12 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 post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

50.00 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. 25 N. R. 18 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. 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.

Soil 3rd rate

Vegetation, bunchgrass and sagebrush.

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

Va. 18° 00' East.

Over rolling land.

40.00

Set a

lime stone 20 x 18 x 10 ins., 16 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

80.00

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{Standard} Cor. to Secs. 32 and 33 marked S. C. T. 25 N. R. 18 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, $5\frac{1}{2}$ 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, bunch grass.

BOOK 1246

BOOK 1246

chains.

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

Va. 13° 00' East.

Descend.

- 4.30 Cross Road, bears, *N. and S.*
- 31.50 Cross Wash, 30 lks. wide, Course *N. 40° W.* and ascend.
- 40.00 Set a *lime* stone 20 x 15 x 7 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} ~~alongside~~ pits impracticable.
- 75.00 Cross Wash, 18 lks. wide, Course *S. 75° W.*
- 80.00 Set a flint stone 30 x 20 x 10 ins. 22 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 rolling.
- Soil *3rd* rate
- Vegetation, *brushgrass.*

Chains.

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

Va. 13°00' East

Ascend.

15.20 Cross Creek, 15 lks. wide, Course N. W

23.50 Cross Creek, 18 lks. wide, Course S. E. W and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 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 ground, for ^{Standard} Cor. to Secs. 34 and 35 - marked S. C. T. 25 N. R. 18 E., on N. S. 34 on W and S. 35 on E faces, with 4 notches on W and 2 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 rolling.

Soil 3 m rate

Vegetation, bunchgrass.

BOOK 1246

chains.

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

Va. 13° 00' East.

Over level land

27.00 Cross Wash, 13 lks. wide, Course N. 50° W.

39.00 Cross Wash, 16 lks. wide, Course S. 79° W.

40.00 Set a basalt stone 25 x 25 x 10 ins., 19 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.

41.75 Cross Wash, 16 lks. wide, Course N. 70° W.

78.00 Cross Wash, 19 lks. wide, Course S. 70° W.

80.00 Set a basalt stone 20 x 15 x 10 ins. 18 ins. in the ground for Standard Cor. to Secs. 35 and 36 marked S. C., with 1 notch on E. and 5 notches ^{alongside} on W. edges and raised a mound of stone. Pits impracticable.

Land level.

Soil 3rd rate

Vegetation, bunchgrass.

Timber of Juniper.

Chains.

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

Va. $13^{\circ} 00'$ East.

Over level land

40.00

Set a post 3 ft. long, 3 ins. diam. 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 $4\frac{1}{2}$ ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Tps. 25 N., R's 18 and 19 E, marked S. C. T: 25 N. on N. R. 19 E. S. 31, on E. and R. 18 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 $2\frac{1}{2}$ ft. high, 5 ft. base, around post,

Land level.

Soil 3rd rate.

Timber of Juniper.

Vegetation bunchgrass.

BOOK 1246

Chains.

From the Standard Cor. to T. 25 N. R. 17 E. just established - Iron - East. on a true line on S. B. of Section 31.

Va. 13° 00' East.

Over level land

40.00

Set a post 3 ft. long, 3 ins. diam. 12 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 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 ground, for ^{Standard} Cor. to Secs. 31 and 32 marked S. C. T. 25 N. R. 17 E., on N. S. 32 on E. and S. 31 on W. faces, with 1 notch on W. and 1 notch on E. faces, dug pits 18 x 18 x 12 ins. 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 rolling.

Soil 30a rate

Vegetation, bunchgrass.

Timber of Juniper.

Chains.

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

Va. 13000 East.

Ascend.

8.00 Cross Wash, 16 lks. wide, Course S. N. and ascend.

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

80.00 Set a basalt stone 25 x 19 x 8 ins. 19 ins. in the ground for Standard Cor. to Secs. 32 and 33, marked S. C., with 4 notch₂₀ on E. and 2 notch₂₀ on ^{alongside} W. edges and raised a mound of stone. Pits impracticable.

Land rolling.

Soil 3rd rate.

Timber of Juniper.

Vegetation, bunchgrasses.

BOOK 1246

Chains,

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

Va. 13° 00' East.

Ascend.

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

40.00 Set a basalt stone 25 x 25 x 6 ins., 19 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.

80.00 Set a basalt stone 25 x 12 x 10 ins., 19 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 4th rate.

Timber of Juniper,
Vegetation, bunchgrass.

Chains.

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

Va. $13^{\circ} 15'$ East.

Descend.

40.00 Set a basalt stone $20 \times 15 \times 10$ ins., 19 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.

80.00 Set a basalt stone $20 \times 20 \times 10$ ins. 22 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 and raised a mound of stone. ^{alongside} Pits impracticable.

Land mountainous

Soil 2nd rate.

Timber of Juniper.

Vegetation, bunchgrass.

BOOK 1246

Chains.

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

Va. $13^{\circ}15'$ East.

Descend.

11.44 Cross Wash, 20 lks. wide, Course $N. W.$ and ascend.40.00 Set a post 3 ft. long, 3 ins. diam. 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 lime stone $26 \times 10 \times 4$ ins. 17 ins. in the ground for Standard Cor. to Secs. 35 and 36, marked S. C., with 1 notch on E. and notches on W. edges and raised a mound of stone ^{alongside}. Pits impracticable.

Land mountainous.

Soil 4th rate

Vegetation, bunchgrass.

Timber of Juniper

Chains.

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

Va. $130^{\circ} 15'$ East.

Ascend.

40.00 Set a basalt stone $23 \times 11 \times 4$ ins., 17 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.

44.40 Top of Spur, bears N. and E. and descend.

80.00 Set a basalt stone $30 \times 20 \times 20$ ins. 22 ins. in the ground, for Standard Cor. to Tps. 25 N., R's 19 and 20 E., marked S. C. with 6 notches on N. E. Wedges, and raised a mound of stone. Pits impracticable, Land mountainous

Soil 3 ^{or} rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

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

January 8th 1883

~~G. D. Johnson~~

G. M. Carson, Compassman.

BOOK 1246

Chains.

From the Standard Cor. to Sp. 25 N. R. 19 & 20 E.
 just established - *Iron*
 East. on a true line on S. B. of Section 31.

Va. 130 30' East.

Descend.

1.40 Cross Wash, 16 lks. wide, Course N. and ascend.

40.00 Set a basalt stone 28 x 25 x 10 ins., 21
 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S.
 C. $\frac{1}{4}$ on N. face, and raised a mound of stone ^{alongside} Pits
 impracticable.

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

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the
 ground, for ^{Stann.} Cor. to Secs. 31 and 32 marked
 S. G. T. 20 N. R. 20 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. 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 mountainous.

Soil 3rd rate.

Timber of Juniper.

Vegetation, bunch grass.

Chains.

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

Va. 13° 30' East.

Descend.

40.00 Set a basalt stone 21 x 11 x 7 ins., 16 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone. ^{alongside} Pits impracticable.

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{Standard} Cor. to Secs. 32 and 33 marked T. 25 N. R. 20 E., on N. S. 33 on E. and S. 32 on W. faces, with 2 notch ∞ 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 rolling.

Soil ~~300~~ rate.

Timber of Juniper.

Vegetation, bunchgrass.

BOOK 1246

Chains.

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

Va. 13030' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 12 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 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 basalt stone 20 x 18 x 15 ins. 15 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. Pits impracticable.

Land rolling.

Soil 3 sa rate.

Timber of Juniper.

Vegetation, bunchgrass.

Chains.

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

Va. $13^{\circ}30'$ East.

Descend.

26.20 Cross Wash, 18 lks. wide, Course 71° and ascend.

40.00 Set a basalt stone $20 \times 10 \times 4$ 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.

40.00 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. 25 N. R. 20 E., on N. S. 35 on E. and S. 34 on W. faces, with 4 notches on W. and 2 notches on E. faces, dug pits $18 \times 18 \times 12$ 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 rolling.

Soil 3rd rate.

Timber of Juniper.

Vegetation, bunchgrass.

BOOK 1246

chains.

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

Va. $13^{\circ} 30'$ East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 12 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 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 ground, for ^{Standard} Cor. to Secs. 35 and 36 marked S. C. T. 25 N. R. 20 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. 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 3rd rate

Vegetation, bunchgrass.

Chains.

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

Va. 13' 30' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 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 sand stone 28 x 20 x 16 ins. 21 ins. in the ground for Standard Cor. to Tps. 25 N., R's 20 and 21 E., marked S. C., with 6 notches on N., E. & W. edges, dug pits 24 x 18 x 12 ins. crosswise on each line, N., E. & W. of stone 6 ft. dist. and raised a mound of earth, 2 $\frac{1}{2}$ ft. high, 5 ft. base. alongside

Land rolling.

Soil 3 rd rate.

Timber of Juniper.

Vegetation, bunchgrass.

BOOK 1246

Chains.

From the Standard Cor. to $\frac{1}{2}$ Sec. 25 N. R. 20 T. 21 E.
 just established. I run
 East. on a true line on S. B. of Section 31.

Va. $14^{\circ} 15'$ East.

Over rolling land.

40.00 Set a sand stone $36 \times 24 \times 10$ ins., 27
 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

80.00 Set a sand stone $36 \times 24 \times 3$ ins., 27 ins. in
 the ground for Standard Cor. to Secs. 31 and 32
 marked S. C., with 5 notches on E. and 1 notch on
 W. edges and raised a mound of stone. Pits impracti-
 cable.

Land rolling.

Soil 3rd rate

Vegetation, bunchgrass.

No. 1246 **BOOK 1246**

Chains.

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

Va. 14° 15' East,

Over rolling land.

20.00 Enter Valley, bears, N. and S.

40.00 **Set a** sand stone 10 x 10 x 7 ins., 7
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 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** lava stone 12 x 10 x 6 ins. 8 ins. in
the ground for Standard Cor. to Secs. 32 and 33,
marked S. C., with 4 notches on E. and 2 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 level.

Soil 3rd rate

Vegetation, bunchgrass.

BOOK 1246

Chains.

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

Va. $14^{\circ} 15'$ East.

Over level land

37.00 Leave Valley, bears $21^{\circ} 40'$ S. and ascend.

40.00 ~~Set~~ a sand stone $10 \times 10 \times 7$ ins., 7 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

50.00 Top of rocky point, bears N. 5 S. and descend.

80.00 Set a lava stone $16 \times 10 \times 5$ ins., 1 ins. in the ground for Standard Cor. to Secs. 23 and 24 marked S. C., with 3 notches on E. and 3 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 rolling.

Soil 3rd rate

Vegetation, bunchgrass.

78.

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

Va. $14^{\circ}15'$ East.

Descend.

40.00 **Set a** lava stone $12 \times 8 \times 7$ ins., 8 ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{4}$ 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

30.00 Set a lava stone $24 \times 18 \times 5$ ins. 18 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 rolling.

Soil 3rd rate

Vegetation, bunchgrass.

BOOK 1246

chains.

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

Va. $14^{\circ}30'$ East.

Ascend.

9.60 Top of tableland, near N. & S.

40.00 Set a sand stone $12 \times 12 \times 8$ ins., 8 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

80.00 Set a lava stone $19 \times 11 \times 4$ ins. 14 ins. in the ground for Standard Cor. to Secs. 35 and 36 marked S. C., with 1 notch on E. and 6 notches on W. edges and raised a mound of stones ^{alongside} Pits impracticable.

Land rolling.

Soil 3rd rate

Vegetation, bunchgrass.

Chains.

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

Va. $14^{\circ}30'$ East.

Descend.

34.00 Enter Valley, bears, N. and S.

40.00 Set a post 3 ft. long, 3 ins. diam. 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 $4\frac{1}{2}$ ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Tps. 25 N., R's 21 and 22 E., marked S. C.T: 25 N. on N. R. 22 E. S. 3° , on E. and R. 21 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 $2\frac{1}{2}$ ft. high, 5 ft. base, around post,
Land rolling.

Soil 30c rate

Vegetation bare grass
I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. January 9th 1893
O. J. Johnson. E. M. Carson, Compassman.

For final paths see books
no. 19.

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 26, 1880,

The foregoing Field Notes of the Survey of the ~~the~~
 6th Standard Parallel along S. Base,
 of 25 North Ranges 18, 19, 20 & 21 East

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

A. P. Johnson

Deputy Surveyor, under his contract of the

Fifth

day of

August

, 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.