

No. 1284

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FIELD NOTES

BOOK 1284

OF

The *Standard* Lines of *alt. 2*
 Township *17 North* Range *23-24 25 26 27*
Gila & Salt River Meridian. Arizona.

BY

Henry A. Coe Deputy Surveyor,

under his contract of *July 20* 188

Survey commenced *Sept 26* 188

Survey completed *Jan 27* 188

Platted by 188

Copied for Washington by 188

Copied for Register by 188

No. 1284



1284

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Preliminary Oaths of Assistants.

I, M. M. Starlan, 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 E. B. of J.

15th. Rs 24 + 27 E and Exterior and
subdivision of Tps 16th Rs 23. 24
25 + 26 + 28 E. S. 17th Rs 26. 27. 28. 29.
+ 30 E + T. 18th Rs 28. 29 + 31 E
L. + Q. R. M.

M. M. Starlan, Compassman.

Subscribed and sworn to before me this 23rd
day of September, 1882

A. E. Shaemaker

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

We Henry Arnold, Thos Donahue
and P. Brickhoff + Henry Nelson,

do solemnly swear that we will well and faithfully execute the

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 *E. S. D. of*
The 15th Rs 24 + 27 E and Exterior
+ Subdivisions of The 16th Rs 23, 24, 25
26 + 28 E The 17th Rs 26, 27, 28, 29
+ 30 E The 18th Rs 28, 29 + 31 E
Chas. R. M

Benny Bend, Chairman.

Thomas Donohue, Chairman.

P. Brickhoff, Chairman.

Henry Wilson, Chairman.

Subscribed and sworn to before me this *23rd*

day of *September*, 188 *2*

A. E. Shoemaker

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

No. 1284

W. John Phelan

and
do solemnly swear that ~~we~~ ^{me} 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

E. Bdy. of Tpo of
Tpo 15th Rs 24 + 27 E and Exterior
and subdivisions of Tpo 16th Rs 28
24, 25, 26 + 28 E + Tpo 17th Rs
26, 27, 28, 29 + 30 E and Tpo 18th
Rs. 28, 29 + 31 E and R. M

John Phelan, Axeman.

....., Axeman.

Subscribed and sworn to before me this 23rd
day of September, 1882



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

J. Geo. Coleman

I, 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 E. Bdy.
of Tps 15 N. Rs 24 + 27 E and E. Bdy.
and Subdivisions of Tps 16 N. Rs 23,
24, 25, 26 + 28 E, Tps 17 N. Rs 26
27, 28, 29 + 30 E and Tps 18 N. Rs
28, 29 + 31 E & G. & S. R M

George Coleman, Flagman.

Subscribed and sworn to before me this

23rd

day of September, 1882

A. E. Shaemaker

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

W.D. T. 17 N. R. 23 E. G. & S. R. M. 16

ins.

Standard
From the Cor. to Tps. 17 N. Rs. 22 & 23 E,

Which is a

post $4\frac{1}{2}$ ft. long, 4 ins. square, with marked
stone 12 ins. in the ground, for Standard Cor. to
Tps. 17 N., R's 22 and 23 E marked S. C.

T: 17 N. on N, R. 23 E . S. 31 , on
E, and R. 22 E. S. 36 on W. faces with 6
notches on N. E. & W. faces, ~~dig~~ 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,
ft. base, around post, *run*

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

Va. $3^{\circ}42'$ East.

Over rolling land.

40.00 Set a Sand stone $18 \times 12 \times 4$ ins., 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 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 $15 \times 12 \times 5$ ins. / 0 ins. in
the ground for Standard Cor. to Secs. 31 and 32
marked S. C., with 5 notches on E. and 1 notch on

4th Standard Parallel along.

T. 17 N R. 23 E. G. & S. R. M.

BOOK 1284

chains.

W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, 5½ ft. dist., and raised mound of earth 2 ft. high 4½ ft. base. alongside

Land rolling.

Soil 3rd rate

Vegetation Punchgrass.

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

Va. 13° 44' East.

Over rolling land.

40.00

Set a Sand stone 14 x 14 x 8 ins., 9 ins. in the ground for Standard ¼ Sec. Cor., marked S. C. ½ on N. face, dug pits 18 x 18 x 12 ins., 6 and 4 of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base; alongside

80.00

Set a Flint stone 18 x 12 x 6 ins. 12 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, 5½ ft. dist., and raised mound of earth 2 ft. high 4½ ft. base. alongside Land rolling.

Soil 3rd rate

Vegetation, Punchgrass.

S. B. T. 17 N. R. 23 E. G. & S. R. M.

BOOK 1284

chains.

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

Va. 13° 49' East.

Over rolling land.

40.00 Set a Sand stone 30 x 24 x 6 ins. 22

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 from which

A Juniper 10 ins. diam. bears N. 82 $\frac{1}{2}$ W., 38 lks. dist.

marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

41.00 Leave Timber, bear N. 9 S., and descend, with marked stone

40.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 33 and 34 marked S. C.

T. 17 N. R. 23 E., on N. S. 34 on E and S. 33 on

N. faces, with 3 notches on E and 3 notches

on W. faces, dug pits 18 x 18 x 12 ins. N. 89 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. and Broken.

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

Timber of Juniper,
Vegetation bunchgrass.

4th Standard Parallel along.

S. B. T. Y N. R. 23 E. G. & S. R. M.

BOOK 1284

chains.

East. on a true line on S. B. of Section 34
Va. 13⁴⁸' East.

Ascend.

20.00 Top of Hill bears N. & S. and descend.
with marked stone
140.00 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.

30.00 Set a Flint stone 6 x 12 x 6 ins. 1 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. Pits impracti-
cable. alongside

Land rolling. and level.

Soil 3rd rate

Vegetation Bunchgrass.

4th Standard Parallel along.

S. B. T. 17 N. R. 23 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 35
Va. $13^{\circ}47'$ East.

Over rolling land.

40.00 Set a Sand stone $12 \times 6 \times 3$ 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., 6 and 12
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 $14 \times 10 \times 4$ ins. 9 ins. in
the ground for Standard Cor. to Secs. 35 and 36
marked S. C., with 1 notch on E. and 5 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.

4th Standard Parallel along.

S. B. T. 17 N. R. 23 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 1347' East.

Over rolling land.

28.35 Cross Wash, 40 lks. wide, Course South

40.00 Set a Flint stone 7 x 5 x 3 ins., 5 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

20.00 Set a Sandstone 24 x 12 x 6 ins. 18 ins. in the ground for Standard Cor. to Tps. 17N., R's 23 and 24 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 3rd rate

Vegetation, Bunchgrass.

S. B. T. 17 N R. 24 E. G. & S. R. M.

BOOK 1284

Chains.

From the Stand. her. to Sec 17h. Rs 23 + 24 E. just
now established I run
East. on a true line on S. B. of Section 31,
Va. 13° 47' East.

Over rolling land.

40.00 Set a Sand stone 14 x 10 x 3 ins., 9
ins. in the ground for Standard 1/2 Sec. Cor., marked S.
C. 1/2 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

80.00 Set a Sand stone 20 x 12 x 3 ins. 15 ins. in
the ground for Standard Cor. to Secs. 31 and 32
marked S. C., with notch on E. and notch on
W. edges, dug pits 18 x 18 x 12 ins. N., E. and
W. of stone, 5 1/2 ft. dist., and raised mound of
earth 2 ft. high 4 1/2 ft. base. alongside

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

14th Standard Parallel along.

S. B. T. 17 N. R. 24 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 32,
Va. $13^{\circ}46'$ East.

Ascend.

38.00 Top of Mountain and descend.

40.00 Set a *Sana* stone $14 \times 12 \times 4$ 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

80.00 Set a *Sana* stone $30 \times 10 \times 3$ ins. 22 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 $18 \times 18 \times 12$ 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.*

S. B. T. 17 N. R. 24 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 33,
Va. $13^{\circ}45'$ East.

Descend. Over rolling land.

40.00 Set a Sand stone $18 \times 12 \times 4$ ins. 12
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 $16 \times 12 \times 6$ ins. 11 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 $18 \times 18 \times 12$ 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.

4 1/2 Standard Parallel along.

S. B. T. 17 N. R. 24 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 13° 45' East.

Descend. Over rolling land.

40.00 Set a Sand stone 14 x 10 x 6 ins., 9 ins. in the ground for Standard 1/2 Sec. Cor., marked S. C. 1/2 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

50.00 Foot of Hill and ascend.

80.00 Set a Sand stone 12 x 12 x 8 ins. 8 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 x 18 x 12 ins. N., E. and W. of stone, 5 1/2 ft. dist., and raised mound of earth 2 ft. high 4 1/2 ft. base. alongside

Land rolling.

Soil 2nd rate

Vegetation, Orchard grass.

4, Standard Parallel along.

S. B. T. 17 N R. 24 E. G. & S. R. M.

No. 1284

BOOK 1284

Chains.

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

Va. 1345' East.

Ascend. Over rolling land.

40.00 Set a Sand stone 12x10x5 ins., 8 ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ on N. face, dug pits 18x18x12 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

54.00 Top of Hill 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. 17 N. R. 24 E., on N. S. 36 on E. and S. 35 on W. faces, with / notch on E and 5 notches on W. faces, dug pits 18x18x12 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 2nd & 3rd rate

Vegetation, Bunchgrass.

4th Standard Parallel along.

N. B. T. 17 N. R. 24 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 36,
Va. 13⁴⁴' East.

Descend. Over rolling land.

37.00 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.

53.00 Top of Hill and descend.

86.00 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. 17N., R's 24 and 25E., marked S. C.
T: 17N. on N. R. 24E., S. 36, on
W. and R. 25E., S. 31 on E., 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 3rd rate

Vegetation, Bunchgrass,

Sept. 26, 1882.

47 Standard Parallel along

S. B. T. 17 N R. 25 E. G. & S. R. M.

BOOK 1284

Chains.

From the Stand. line to Sta. 17 N. R. 25 E. East
now established from
East. on a true line on S. B. of Section 31

Va. 13° 45' East.

Descend.

with marked above

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.
d. st., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft.
base around post.

with marked above

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. 17 N. R. 25 E., on N. S. 31 on W and S. 32 on
E. faces, with 5 notches on E and 1 notch
on W faces, dug pits 18 x 18 x 12 ins. N. & 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, Bunchgrass,

4th Standard Parallel along.

B.T. 17 N. R. 25 E. G. & S. R. M.

BOOK 1284

chains,

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

Va. 13' 45" East.

Descend. Over rolling land.

40.00 Set a *Sand* stone $16 \times 14 \times 4$ ins., 11
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 $20 \times 10 \times 2$ ins. 15 ins. in
the ground for Standard Cor. to Secs. 32 and 33
marked S. C., with 2 notches on E. and 2 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 2nd & 3rd rate

Vegetation, *Bunchgrass.*

4th Standard Parallel along.

T. 17 N. R. 25 E. G. & S. R. M.

BOOK 1284

chains.

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

Va. 13° 45' East

Descend. Over rolling land.

40.00 Set a Sand stone 24 x 12 x 10 ins., 18 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 with marked stone

50.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 33 and 34 marked S. C.

T. 17 N. R. 25 E., on N. S. 33 on W and S. 34 on E faces, with 3 notches on E and 3 notches on W 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 3rd rate

Vegetation, Bunchgrass.

4⁹ Standard Parallel along.

S. B. T. 17 N R. 25 E. G. & S. R. M.

Chains.

BOOK 1284

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

Va. 13⁴⁵ East.

Descend.

with marked stone

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. $\frac{1}{2}$ 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.

with marked stone

50.00

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. 17 N R. 25 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 3rd rate

Vegetation, Puncturegrass.

4 Standard Parallel along.

S. B. T. 17 N. R. 25 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 13° 45' East.

Descend. Over rolling land.

40.00 Set a *Sana* stone 16 x 12 x 4 ins., 11 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 post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ^{Standard} Cor. to Secs. 35 and 36 marked S. C. T. 17 N. R. 25 E., on N. S. 35 on W. and S. 36 on E. faces, with 5 notches on W and 1 notch on E. faces, dug pits 18 x 18 x 12 ins. ^{N. & W. of post,} 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, 4 ft. base around post.

Land rolling.

Soil 3rd rate

Vegetation, *Punchgrass.*

14th Standard Parallel along.

S. B. T. 17 N. R. 25 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 36,
Va. 13^o44' East.

Descend.

P. 50 Cross Wash, 100 lks. wide, Course *Sink* and ascend.

40.00 Set a *Sand* stone 18 x 16 x 4 ins., 12
ins. in the ground for Standard $\frac{1}{2}$ 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

P. 0.00 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. 17 N., R's 25 and 26 E, marked S. C.
T: 17 N. on N. R. 25 E, S. 36, on
W. and R. 26 E, S. 36 on E, 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 2nd & 3rd rate

Vegetation, *Bunchgrass.*

14th Standard Parallel along.

S. B. T. 17 N. R. 26 E. G. & S. R. M.

BOOK 1284

chains.

From the Stand. by. to S. B. T. 17 N. R. 26 E. G. & S. R. M. just
west at linked from

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

Va. 14° 08' East.

Ascend.

46.00 Set a Sand stone 13 x 11 x 9 ins., 9
ins. in the ground for Standard $\frac{1}{2}$ 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 Sand stone 12 x 10 x 6 ins. 8 ins. in
the ground for Standard Cor. to Secs. 30 and 31
marked S. G., with notch on E. and notch 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 2nd rate

Vegetation, Bunchgrass.

4ⁱⁿ Standard Parallel along.

S. B., T. 17 N. R. 26 E. G. & S. R. M.

BOOK 1284

Chains,

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

Va. 14° 08' East.

Ascend.

40.00 Set a Sand stone 16 x 11 x 6 ins., 11

ins. in the ground for Standard $\frac{1}{2}$ 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 Sand stone 11 x 10 x 7 ins. 7 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 rolling.

Soil 2nd rate

Vegetation, Punchgrass.

S. B. T. 17 N. R. 26 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on *N. B.* of Section 33,
Va. $14^{\circ} 08'$ East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. ¹/₂ in ground, with marked stone
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 $14 \times 10 \times 4$ ins. 9 ins. in
the ground for Standard Cor. to Secs. 33 and 34
marked S. C., with *3* notch on E. and *3* notch 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 2^{nd} rateVegetation, *Bunchgrass.*

4th Standard Parallel along.

S. B. T. 17 N R. 26 E. C. & S. R. M.

BOOK 1284

C Chains.

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

Va. $14^{\circ}08'$ East.

Ascend. Over rolling land.

40.00

Set a Sand stone $16 \times 11 \times 9$ ins., 11 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 $11 \times 9 \times 9$ ins. 7 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 2nd rate

Vegetation, Bunchgrass.

Standard Parallel along.

T. 17 N. R. 26 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 35,
 Va/4° 08' East.

Ascend.

40.00 Set a Sand stone 16 x 11 x 8 ins., 11
 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 Sand stone 14 x 11 x 6 ins. 9 ins. in
 the ground for Standard Cor. to Secs. 35 and 36
 marked S. C., with 1 notch 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 2nd rate

Vegetation, Bunchgrass.

4^{1/2} Standard Parallel along.

S. B. T. 17 N. R. 26 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 36.
Va. 14° 18' East.

Ascend. gradually.

31.00 Ascent becomes abrupt.

40.00 Set a Sand stone 11 x 9 x 9 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

50.00 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. 17 N., R's 26 and 27 E, marked S. C.
T: 17 N. on N. R. 26 E, S. 36, on
N. and R. 27 E, S. 31 on E, 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 mountainous.

Soil 2nd rate

Vegetation, Ranchgrass.

Sept. 27, 1882,

S. B. T. 17 N. R. 27 E. G. & S. R. M.

BOOK 1284

Chains.

from the Standard Cor. to Secs 17 N. R. 26 & 27 E. just
now established 2 mi

East. on a true line on S. B. of Section 31,
Va. 14° 28' East.

Ascend.

with marked above

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

with marked above

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. 17 N. R. 27 E., on N. S. 31 on W and S. 32 on
E. 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 rolling.

Soil 2nd rate

Vegetation, Puncturegrass.

4ⁱⁿ Standard Parallel along.

S. B. T. 17 N. R. 27 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. $14^{\circ}28'$ East.

Ascend.

40.00

with marked stone
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

with marked stone
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. 17 N. R. 27 E., on N. S. 32 on W and S. 33 on E. faces, with 4 notches on E and 2 notches on W faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate

Vegetation, Bunchgrass.

4^{1/2} Standard Parallel along.

N.B. T. 17 N R. 27 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 14° 28' East.

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.

with marked stone

50.00

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 33 and 34 marked S. C. T. 17 N. R. 27 E., on N. S. 33 on *W.* and S. 34 on *E.* faces, with 3 notches on *W.* and 3 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.

with marked stone

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

4⁷/₈ Standard Parallel along.

S. B. T. 17 N. R. 27 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 114° 28' East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, with marked stone 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.

50.00

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. 17 N. R. 27 E., on N. S. 34 on W and S. 35 on E faces, with 2 notches on E and 4 notches on W faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate.

Vegetation, Bunchgrass.

Timber of Cedar.

14 1/2 Standard Parallel along.

S. B. T. 17 N. R. 27 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 14° 28' East.

Ascend.

16.00 Top of Ridge, bears N. 2 S, and descend.

with marked stone

40.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground,

for Standard 1/2 Sec. Cor., marked S. C. 1/2 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

with marked stone,

ground, for Standard Cor. to Secs. 35 and 36 marked S. C.

T. 17 N. R. 27 E., on N. S. 35 on W. and S. 36 on

E. 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,

5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2

ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass,

Timber of Cedar.

4th Standard Parallel along

N.B. T. 17 N. R. 28 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 32,
Va. 14th 28' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, with marked above 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.

50.00

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. 17 N. R. 28 E., on N. S. 32 on W. and S. 33 on E. faces, with 4 notches on E. and 2 notches on W. faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate

Vegetation, Punchgrass.

4 Standard Parallel along.

S. B. T. 7 N. R. 28 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 14° 28' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, with marked stone
for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, ^S
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.

71.20

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

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. 17 N. R. 28 E., on N. S. 33 on W and S. 34 on
E. faces, with 3 notches on E. and 3 notches
on W 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 2nd rate

Vegetation, Bunchgrass.

4th Standard Parallel along.

S. B. T. 17 N. R. 28 E. G., & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 34
Va. 14° 28' East.

Ascend.

40.00

with marked above
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

with marked above
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. 17 N. R. 28 E., on N. S. 34 on W and S. 35 on
E. 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,
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, Bunchgrass.

4th Standard Parallel along.

S. B. T. 17 N. R. 28 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 140 28' East.

Ascend.

21.00 Top of Ridge, bears N. & S, and descend. with marked stone

40.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for Standard 1/2 Sec. Cor., marked S. C. 1/2 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.

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. 17 N. R. 28 E., on N. S. 35 on W. and S. 36 on E. faces, with 1 notch on E. and 3 notch on W. faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate

Vegetation, Bunchgrass.

4th Standard Parallel along.

S. B. T. 17 N. R. 28 E. G. & S. R. M.

Chains. BOOK 1284

East. on a true line on S. B. of Section 36,
Va. 14028' East.

Descend.

3.20 Cross Gulch, 5 lks. wide, Course S. 30° W and ascend.

11.80 Top of Ridge, bears N. 9 S, and descend.
with marked stone

40.00 Set a post 3 ft. long, 3 ins. diam., 12 ins. in the ground,
for Standard 1/2 Sec. Cor., marked S. C. 1/2 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.

67.40 base around post.
50.00 Cross Ravine, course S. 40° W, & ascend,
Set a post 4 1/2 ft. long, 4 ins. square, with marked

stone 12 ins. in the ground, for Standard Cor. to
Tps. 17 N., R's 28 and 29 E, marked S. C.

T: 17 N. on N. R. 28 E. S. 36, on
W. and R. 29 E. S. 31 on E. 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 rolling.

Soil 2nd rate

Vegetation, *Bunchgrass*
I carefully examined the adjustments of my solar
compass to-day, particularly the latitude and revers-
ing apparatus, and found them correct. Sept. 28, 1882.

T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1284

Chains.

From the standard cor. to Tps 17 N. R. 28-29 E. point
 now established from
 East. on a true line on S. B. of Section 31

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

Ascend.

40.00

with marked stone
 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

with marked stone
 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. 17 N. R. 29 E., on N. S. 31 on W and S. 32 on
 E faces, with 1 notch on W and 1 notch on
 on E faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate

Vegetation, Punchgrass.

Standard Parallel along.

SB. T. 17 N R. 29 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on *S.* B. of Section 32,
Va. 14° 30' East.

Ascend.

40.00 with marked stone
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 with marked stone
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. 17 N. R. 29 E., on N. S. 32 on *W.* and S. 33 on
E. faces, with 4 notches on *E.* and 2 notches
on *W.* faces, dug pits 18 x 18 x 12 ins. *N.* & *S.* 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, Brunchgrass.

S. B. T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 14° 30' East.

Ascend.

with marked stone

46.00 Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for Standard 1/2 Sec. Cor., marked S. C. 1/2 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.

69.40 Top of Ridge, bears N. 9 S. and descend.

80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 33 and 34 marked S. C.

T. 17 N. R. 29 E., on N. S. 33 on W. and S. 34 on E. faces, with 3 notches on E. and 3 notches on W. 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 2nd rate

Vegetation, Bunchgrass.

Standard Parallel along.

S. B. T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 14° 30' East

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. ^{with marked stone} 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits, 18 x 18 x 12 ins., ^{N.} and ^{E.} 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.

52.00

Edge of Mesa to N. & S. and descend. Abruptly.

64.50

Cross Gulch, 5 lks. wide, Course South and ascend.

80.00

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ^{with marked stone} ground, for Standard Cor. to Secs. 34 and 35 marked S. C. T. 17 N. R. 29 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.} 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, Bunchgrass.

Standard Parallel along.

M.B.T. 17 N. R. 29 E. G. & S. R. M.

Chains.

BOOK 1284

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

Va. 14°30' East.

Ascend.

40.00

with marked stone
Set a post 3 ft. long, 3 ins. diam., 12 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{4}$ 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

with marked stone
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. 17 N. R. 29 E., on N. S. 35 on W. and S. 36 on E. faces, with 1 notch on E. and 5 notches on W. faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate

Vegetation, Bunchgrass.

4th Standard Parallel along.

S. B. T. 17 N R. 29 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S. B. of Section 36
Va. 14° 30' East.

Ascend.

with marked stone

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. 17 N., R's 29 and 30 E. marked S. C. T: 17 N. on N. R. 29 E. S. 36, on W. and R. 30 E. S. 31 on E. 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 2nd rate

Vegetation, Bunchgrass,

4⁷/₁₆ Standard Parallel along.

S. B. T. 17 N. R. 30 E. G. & S. R. M.

BOOK 1284

Chains.

From the Cor. to Secs 17 N. No 29 & 30 & just now established & my

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

Va. East.

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.

54.00

Top of Ridge, bears

N. & S. and descend. with marked stone

20.00

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. 17 N. R. 30 E., on N. S. 31 on W and S. 32 on E faces, with 1 notch on W and 5 notch 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 2nd rate

Vegetation, Bunchgrass.

S. B. T. 17 N. R. 30 E. G. & S. R. M.

BOOK 1284

Chains,

East. on a true line on S. B. of Section 32,
Va. 14° 21' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, with marked stone
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. 32 and 33 marked S. C.
T. 17 N. R. 30 E., on N. S. 32 on W and S. 33 on
E. 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 rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

N.B.T. 17 N. R. 30 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. 14° 21' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone
for Standard 1/2 Sec. Cor., marked S. U. 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.

48.50

Spring & House bears N. 64° E., 57 lks. dist.

71.35

Cross Juni Road, bears N. 29° E. & S. 29° W.

80.00

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the
ground, for Standard Cor. to Secs. 33 and 34 marked S. C.

T. 17 N. R. 30 E., on N. S. 33 on W. and S. 34 on
E. faces, with 3 notches on E. and 3 notches
on W. faces, dug pits 18 x 18 x 12 ins. N. & 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 2nd rate

Vegetation, Bunchgrass.

Standard Parallel along.
 N. B. T. 17 N. R. 30 E. G. & S. R. M.

BOOK 1284

Chains.

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

Va. $14^{\circ} 21'$ East.

Descend.

32.80 Cross Juni' Riv, ~~1ks.~~ wide, Course S. $38^{\circ} W$. and ascend.

40.00 Set a Sand stone $15 \times 11 \times 6$ ins., 10
 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 from which
 A House, bears N. $60^{\circ} 14' W$,

62.50 Leave Valley, bears N. E. & S. W. & ascend

74.00 Top of Mesa, bears N. E. & S. W. and ascend ^{continues gradual}

80.00 Set a Sand stone $6 \times 2 \times 10$ ins. 11 ins. in
 the ground for Standard Cor. to Secs. 34 and 35
 marked S. C., with 2 notches on E. and 4 holes 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 2nd rate

Vegetation, Bunchgrass.

Standard Parallel along.

N.B.T. 17 N. R. 30 E. G. & S. R. M.

BOOK 1284

Chains.

East. on a true line on S^o B. of Section 35,
Va. $14^{\circ} 21'$ East.

Ascend. gradually.

40.00 Set a Lava stone $15 \times 12 \times 4$ ins. 10

ins. in the ground for Standard $\frac{1}{4}$ 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

71.80 Top of Mesa, bear N.E. & S.W. and descend. abruptly

80.00 Set a Lava stone $10 \times 10 \times 8$ ins. 7 ins. in

the ground for Standard Cor. to Secs. 35 and 36
marked S. C., with / notch on E. and / notches on
W. edges and raised a mound of stone. Pits impracti-
cable.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

Standard Parallel along.

S. B. T. 17 N. R. 30 E. G. & S. R. M.

Chains.

BOOK 1284

East. on a true line on S. B. of Section 36,
Va. $14^{\circ}21'$ East.

Descend.

40.00 Set a Lava stone $18 \times 11 \times 9$ ins., 12
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
70.00 Enter Valley, bears, N. E. & S. W.

80.00 Set a Sand stone $16 \times 10 \times 9$ ins. 11 ins. in the
Standard ground, for Cor. to Tps. 17 N., R's 30 and
31 E., marked S. C. with 6 notches on N. E. edges,
and raised a mound of stone, alongside Pits impracticable,
Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

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

Sept. 29, 1882,

For Final Details
see Book "A"

50
3

49

BOOK 128A

Henry A. De-

49

The statements need no summary
 this work need make by John
 Beach of San Jan Francisco Cal.
 1879. Before commencing the work
 carefully examined and noted the
 instrument the one which was examined
 and the true position of Jackson
 for O, S, Wheeler on June 1882

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 31, 1883

The foregoing Field Notes of the Survey of the

4th Standard line along
 S. By. Tpo. 17 North, Ranges
 23, 24, 25, 26, 27, 28, 29 & 30
 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Henry A. Coe,

Deputy Surveyor, under his contract of the 20th,
 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. M. D. Smith
 Surveyor General.