

Book No. 14

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duped

T14 N. R 22 E G & S 1 M
Field Notes

No 166
OF THE SURVEY OF THE

*Subdivision
lines*

-OF-

Township *14 N.* Range *22 E.*

Gila and Salt River Base and Meridian

166

ARIZONA.

By *A. P. Johnson* D.S.

Under contract dated *July 17* 18*82*

Survey commenced *Dec. 14*" 18*82*

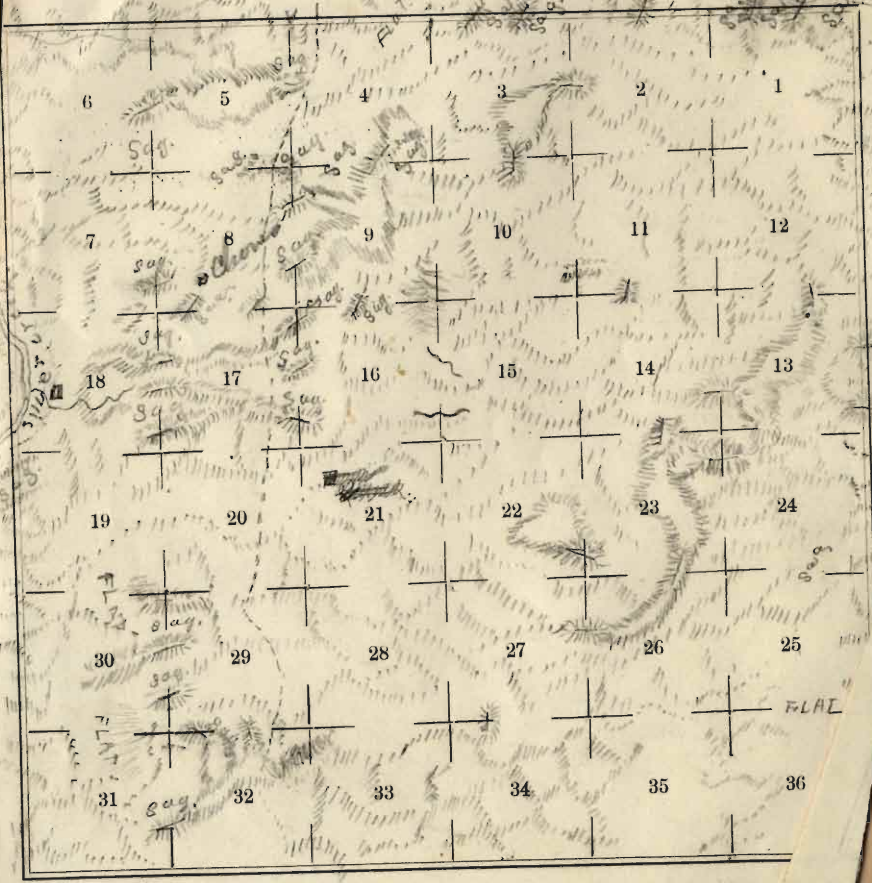
Survey completed *Dec. 16*" 18*82*

No 166

1A

Township 14 N. Range 22 East M.

Upper and Salt River Meridian.



BOOK 1766

18

BOOK 166

INDEX DIAGRAM.

Township 14 N.

Range 22 E.

6	90	5	47	4	52	3	55	2	16	1
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Gila and Salt River, Arizona.

ARIZONA.

T14.N.R 22 E G & S R M

For description of instrument
and preliminary observations
see Book No. 1
Survey commenced Dec. 14th 1882
Survey completed Dec. 16th 1882

Before proceeding to subdivide
this township etc.
made a change of
5 minutes in the latitude
of arc of our solar
compass by subtracting
same from the reading
previously given and
at noon verified and
corrected same by
starvation on the sun
also further tested
instrument by reversing

Chs.

From the Cor. to Sec. 12. 25 & 36
 on the south-Boundary of
 the township recently
 re-established by me.
 I run N. 10° W. 1/4 Sec.
 35 and 36

Var. 18° 45' E.

Leave timber hrs. of 40° E.

15.00

40.00

Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for 1/4 Sec, Cor,
 marked 1/4 S. on N. face, dug pits 18 x 18 x 12
 ins. N. and S. 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.

45.00

50.00

Enter timber hrs. of E.
 Set a post 4 ft. long
 4 ins. diam. with marked
 stone 7 1/2 ins. in the ground
 for Cor. to Sec. 25 & 26.
 25 and 26 marked
 S. 14 N. S. 25 on N. E.

T14, N. R. 22 E G & SUR M

No.

R. 22 E. S. 26 or S.E.
 S. 25 or S.H. and E.
 26 on N.H. face, with
 notch on S. and E. edges,
 from which a Juniper
 tree 4 ins. in diam. Ws.
 N. 20° E. 49 links dist.
 marked T. 14 N. R. 22 E.
 S. 25 @. P.

A Juniper 10 ins. in diam.
 Ws. S. 59° 30' E. 49 links
 dist. marked T. 14 N.
 R. 22 E. S. 26 @. P.

A Juniper 8 ins. in diam.
 Ws. S. 23° N. 69 links
 dist. marked T. 14 N.
 R. 22 E. S. 35 @. P.

A Juniper 6 ins. in diam.
 Ws. E. 80° N. 38 links
 dist. marked T. 14 N.

TIAN, R 22 E G & S R M

10.

R. 22 E. S. 26 B. S.
Sand rolling
Soil Ed. red
Good grazing
Scattering Juniper

East on a raydown
line bet. Secs. 25 and 26
Va. 130 57' E.

11.00
16.00
40.00
47.00
51.50
80.16

Leave timber for N. & S.
Enter flat for E. and W.
Set temporary 114 Sec. line.
Leave flat for N. & S.
Enter timber for N. & S.
Intersect E. Boundary
of the township 27
leaves S. of this line to
Secs. 25, 30, 31 and 36
which was recently
re-established by me.

T14. N. R 22 E G. & S R M

So.

Place a run $S. 89^{\circ} 45' W.$
on a true line bet. Secs.
25 & 26 with same val.

40.08

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

80.16

Thy Cor. to Sec. 25. 26. 25 & 26
Surface rolling and level
Soil 2nd and 3rd. rate
Good grazing

$N. 40' W.$ on a true line
bet. Secs. 25 and 26
Val. $(30' 5' -)' E.$

40.00

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

T14. N. R. 22 E. G & S. R. M

from which a Juniper
10 ins. in diam. trs.
N. $71^{\circ} 30' E$. 74 links dist.
marked 114 S. B. S.

No other trees within limits

80,00

Set a post $4\frac{1}{2}$ ft. long 4 ins. square, with marked
stone, $2\frac{1}{2}$ ins. in the ground for Cor. to Secs,
23, 24, 25 & 26 marked T. 14 cr. S. 24 on
N. E. R. 22 E. S. 25 on S. E. S, 26 on
S, W, and S, 27 on N, W, faces with 2 notch
on S, and 1 notch on E. edges.

from which a Juniper
7 ins. in diam. trs. N. $52^{\circ} E$.
98 links dist marked S. 14 cr. R. 22 E.
S. 24 B. S.

a Juniper 16 ins. in diam.
trs. S. $82^{\circ} 30' E$, 105 links
dist. marked S. 14 cr.
R. 22 E. S. 25 B. S.

a Juniper 12 ins. in diam.
trs. S. $45^{\circ} N$. 24 links

T14.N.R 22 E G & S R M

Ch.

ditto marked S. 14 dt. R. 22 E.
S. 26 B. S.

A jumper 4 ins in diam. by
Et. 5076. 140 links dist.
marked C. 14 dt. R. 22 E.
S. 23 B. S.

Surface rolling

Post 3rd. Hole

Scattering jumper timber

East on a random line
bet. Sec. 24 and 25

Va. 1205 8' E.

40.00

Set temporary 114 Sec. Cor.

53.00

Woods say 200 lbs wide
Co. dt.

29.75

Entrance E. Boundary of
the township 6 miles S.
of the W. to Sec.
19. 24. 25 and 30

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T14. N. R 22 E G & S R M

Chs.

which was recently re-established
by me. The hole I run
S. 89° 57' W. on a true
line bet. Secs. 24 and 25
with same on.

89.89

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

from which a juniper
tree in chain. Pos. $4.10^{\circ} 30' E$,
92 links dist. marked
114 S. B. S.

79.78

No other trees within limits
The line to Secs. 23, 24, 25 & 26
Surface rolling
Soil end. rich
Good grazing
Scattered juniper

T14.N.R 22 E G & S R M

Chs.

At 10' N. on a true line bet.
Secs. 7³ and 24

Var. 130° 58' E.

3000

Less timber to E. and N.

4000

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

67.00

Topridge to E. & N. and down

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 13, 14, 23 & 24 marked T. 14 $\frac{1}{4}$ S. 13 on N. E. R. 14 E. S. 24 on S. E, S, 23 on S, W, and S, 14 on N, W, face, with \ominus notch on S, and / notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. around post.

from which
a juniper 10 ins. in diam.
to S. 46° N. 246 links

T14.N.R 22 E G & S R M

Chs.

disk marked T. 14 N.
R. 22 E. S. 23 B. P.

A Juniper 20 ins. in diam
to St. 130 ft. 129 links

- S. 14 B. P. disk marked T. 14 N. R. 22 E. -

No other trees within limits
Surface rolling
Soil 3rd. V. etc -

Good grazing
Scattered Juniper timber

East on a random line
bet. Sec. 13 and 24

Va. 10° 08' E.

10.00 Round gradually
Top of hill 150 ft.
high to St. and S.
and down

4000 Set temporary 114 Sec. cor.

79.62 Intersect E. Boundary

T14.N.R 22 E G & S L M

Ch.

of the Township, 3 links
 S. of the Cor. to
 Sec. 13, 18, 19 and 24
 which was recently re-established
 by me. *Utah* I run it
 $89^{\circ}54' N.$ on a true line
 to Sec. 13 and 24 with
 same *va.*

39.81

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

Juniper 18 ins. in diam.
to $49^{\circ} E$, 168 links
 No other trees within limits
 dist. marked "4 S.B. P."

79.62

The Cor. to Sec. 13, 14, 23 & 24
 Surface rolling
 Soil 3rd rate
 Good grazing Scattered Juniper timber

T14. N. R. 22 E G & S 1 M

Ch.

North 10th St. Sec. 13514
T4, 13558'E.

17.00

Down gradually
Top of a pm hrs. E & W,
and down

40.00

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec, Cor,
marked 1 S. on N. face, dug pits 18 x 18 x 12
ins. N. and S 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. sqare, with marked
stone, 12 1/2 ins, in the ground for Cor, to Secs,
11, 12, 13 & 14 marked T. 14 on S. 12 on
N. E. R. 22 E. S. 13 on S. E, S, 14 on
S, W, and S, 11 on N, W, face, with 4 notch
on S, and / notch on E. edges,
from which a quarter 8
ins. in diam. hrs.
N. 55 E. 10 lbs dist. marked
Q. 14 N. Q. 22 E.
S. 12 B. S.

Chs

A Juniper 7 ins. in diam.
 hrs. S. 85° W. 16 links dist.
 marked C. 14 A. R. 22 E.
 S. 14 B. D.

A Juniper 10 ins. in diam.
 hrs. S. 81° W. 146 links
 dist. marked C. 14 A.
 R. 22 E. S. 14 B. D.

a Juniper 9 ins. in diam.
 hrs. N. 72° W. 14 links
 dist. marked C. 14 A.
 R. 22 E. S. 11 B. D.

Surface rolling
 Soil 2nd. Vrate

Good grazing
Scattered Juniper timber

East on a random
 line bet. Sec. 12 and 13
 Ta. 13° 5-8' E.

T14.N.R 22 E G & S1. M

Ans.

40.00
~~63.00~~
80.10

Set temporary 1/4 Sec. Cor.
Top of hill 45. S. of S.
and descend
Intersect - E. Bound.
of the township
25 miles N. of the
Cor. to Sec. 7, 12, 18 & 15
which was recently re-
established by me.
Thence I ran S. 89° 48' W.
on a true line bet.
Sec. 12 and 18 with
same ca.

40.05-

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

runner 12 ins in diam.
hs. S. 87° W. 50 miles

T14.N. R 22 E G & S 1. M

Ch.

dist. marked 1/4 S. B. D.
 No other trees within limits
 80.10 The cor. to Secs. 11, 12, 13 & 14
 Surface rolling
 Soil 3rd. rate
Scattering Juniper Timber

North, ^{107 1/2} to Sec. 11 and 12
 Va, 130° 58' E.

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins, in the ground for 1/4 Sec, Cor. marked 1/4 S. on N. face, dug pits 18 x 18 x 12 ins. N. and S. 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, with marked stone, 12 ins, in the ground for Cor, to Secs, 12. 11 - 12 marked T. 140 S. 1 on N. E. R. 22 E S. 12 on S. E, S, 11 on S, W, and S, 2 on N, W, faces, with notch on S, and / notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft.

T14, N. R. 22 E G & S R. M

Ch.

base, around post.

Surface rolling
Soil 2nd. red
Good grazing
Scattering Juniper timber

East on a random
line bet. Sec. 1 and 12
Ta. 130° 58' E

40.00
80.44

Over rolling ground
Set temporary 14 Sec. Cor.
In 1st E. Bound.
of the town ship 12
planks S. of the Cor.
to Secs. 1, 6, 7 and 12
which was recently
re-established by me
Thence I run S. 89° 55' W.
on a true line bet.
Secs. 1 and 12 with same or.

T14. N. R. 22 E G. & S. R. M

Ch.

40.22

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

80.44

The Cor. to Sec. 12, 11812

Surface rolling

Soil 2nd. rate

Good grazing

North 10' W. on a random line bet. Sec. 1 and 2

Co. 120° 58' E.

Very rolling ground

40.00

Set temporary 1/4 Sec. Cor.

84.48

Entered N. Boundary of the township $\sqrt{8}$ miles N. of the Cor. to Sec. 12. 25836 which was recently

Cho.

re-into the bed by iron.
 Then I run of 500 yds.
 on a true line set.
 Secs. 1 and 2 with same on

44.48

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

84.48

The corr. to Secs. 1, 2, 11 or 12
 Sur face rolling
 Soil 3rd. rate
 Good grazing
 I carefully examined
 the adj. sections of
 my solar compass
 this day particularly by
 the latitude and
 reversing apparatus and
 found them correct

Chs.

A. P. Johnson Dec. 14th 1852

From the Cor. to Secs.
23 24 and 35 on the
S. Boundary of the Township
recently re-established by me.
I run 10' N. on a true
line bet. Secs. 24 & 35
Va. $120^{\circ} 45' E.$

40.00

Set a post 4 ft. long 4 ins.
sq. nearly marked
stone 2 ins. in the ground
for "4 Sec. Cor. marked
"4 S. on N. face from
which a Juniper 8 ins.
in diam. br. $S. 52^{\circ} E.$
47 links dist. marked
"4 S. R. C.
A Juniper 6 ins. in diam.
to $S. 62^{\circ} N.$ 78 links dist.

T14.N.R 22 E G & S R M

Sho.

marked 14 S P D.

8000

Set a post 4 ft. long 4 ins. square, with marked stone, ~~2~~^{1 1/4} ins, in the ground for Cor, to Secs,

26. 27. 24 ~~5~~³⁵ marked T/4 Cr. S. 26 on N. E. R. ~~7~~³⁷ S. 35 on S. E. S, 24 on S, W, and S, 27 on N, W, face, with / notch on S, and 2 notch ~~4~~ on E. edge, ~~2~~

from which a Juniper 12 ins. in diam. hrs.

A. 74° 45' E. 94 links dist. marked S. 14 A. R. 22 E.

S. 26 B. D. 2

A Juniper ^{10 ins} hrs. S. 49° E. 80 links dist marked

S. 14 A. R. 22 E. S. 35 B. D.

A Juniper 10 ins. in diam. hrs. S. 53° W.

29 links dist. marked

S. 14 A. R. 22 E. S. 24 B. D.

A Juniper 18 ins. in diam. hrs. A. 24° W.

T14.N.R 22 E G & S R M

J. W.

86 links dist. marked S. 140 ft.
 R. 22 E. S. 27 B. C.
 Surface rolling
 Soil 2nd. rate
 Good growing
Dense Juniper timber

East on a random line
 bet. Secs 26 and 25
 Va. 130° 58' E.

4000
 79.74

Set temporary 14 Sec. line
 Intersect N. and S. lines
 14 links N. of the line.
 to Secs. 25. 26. 25 + 26
 where I run N. 89° 05' W.
 on a true line bet.

39.57

Secs. 26 + 25 with same va.
 Set a post 4 ft. long 4 ins.
 sq. with marked line 12
 ins. in the ground

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T14. N. R 22 E G & S R M

Sh.

for "4 Sec. Cor. marked
"14 S. on N. face. post
which a Juniper 6
ins. in diam. vs. S 30° E.
30 links dist. marked
"14 S. C. P.

A Juniper 10 ins. in diam.
vs. S 40° W. 116 links
dist. marked "4 S. C. P.

79.74

Sh. Cor. to Sec. 26. 27. 84 & 25-
Surface rolling
Soil 2nd. rate

Good grazing
Scattered Juniper timber

N 10° W. Set. Sec. 26 & 27
Va. 130 58' E.

40.00

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for 1/4 Sec, Cor,
marked 1/4 S. on N. face, dug pits 18 x 18 x 12
ins. N. and S. of post 5 1/2 ft. dist. and raised

T14. N. R 22 E G. & S. R. M

Ch.

a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. around post.

from which
 N. jumper brs. $\text{A. } 40^\circ \text{ E.}$
 59 links dist. marked

55.00

^{114 S. P. P.}
 Pop of ridge br. $\text{E. } 17^\circ$
 Set a post ~~and mound~~ with marked

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 22, 23, 26 & 27 marked T. 14 N. S. 23 on N. E. R. 22 E, S. 26 on S. E, S, 27 on S, W, and S, 22 on N, W, face, with 2 notch on S, and 2 notch on E. edges.

from which a jumper
 8 ins. in diam. brs. $\text{E. } 71^\circ \text{ E.}$
 76 links dist. marked
 P. 14 N. R. 22 E. S. 23 B. P.

A jumper 6 ins. in diam
 brs. $\text{S. } 78^\circ \text{ 25' E.}$ 68 links
 dist. marked P. 14 N.
 R. 22 E S, 26 B. P.

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T14.N.R 22 E G & S R M

Ch.

A Juniper 14 ins. in diam.
to S. 17° 00' W. 13 limbs
dist: marked S. 14 N.
R. 22 E. S. 27 P. P.

A Juniper 10 ins. in
diam. to N. 77° W.
79 limbs dist. marked
S. 14 N. R. 22 E. S. 27²² P. P.

Surface rolling
Soil 3rd. rate
Good grazing
Some Juniper timber

East on a random line bet.
210.28526

Va. 12° 0-5' E.

40.00
62.00

Set temporary 14 in. bar.
Top of ridge to S. 10° E.
to S. 10° W. and descend
Intersect N-S line

79.92

T14, N. R 22 E G. & S R M

11 quibs S. of the Cr. to
 Dec. 23. 24. 25 & 26 same
 from S. 89° 55' W. on a true
 line to Dec. 23 & 26

with same var.

89.96

Set a post 4 ft. long
 4 ins. sq. with. Marked
 stone ²⁴ ins. in the
 ground for "4 Sec. Cor.
 marked 114 S. on N. face
 from which a jumper
 6 ins. in diam. W.
 N. 76° E. 25 links dist.
 marked 114 S. C. C.

A Jumper 10 ins. in diam.
 W. S. 52° W. 67 links
 dist. marked "4 S. C. C.

79.92 The Cr. to Dec. 22, 23, 26 & 27
 Surface rolling
 Set 2nd. rate

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Ins.

Good grazing
 Scattered Juniper timber

Ch. 10 N. W. Sec. 22 and 23
 T4., 30° 58' E.

- 27.00 Top of ridge W. of 70° N. and 70° E. and down
- 40.00 Set ⁴ ft. long 4 ins. sq. with marked stone 12 ins. in the ground for 114 Sec. Cor. marked 114 S. on N. face from which a Juniper 8 ins. in diam. W. Ch. 19° 30' E. 41 links dist. marked 114 - S. B. D.
- 80.00 A. Juniper 10 ins. in diam. W. E. 62° N. 89 links dist. marked 114 S. B. D. Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 14, N. 22 & 23 marked T14 N. S. 14 on

T14. N. R. 22 E. G. & S. R. M

No.

N. E. R. 22 E. S. 20 on S. E. S. 22 on
 S. W. and S. 18 on N. W. faces with 3 notch
 on S. and 2 notch on E. edges, dug
 pits 13 x 13 x 12 ins. in each Sec., 5½ ft. dist.
 and raised a mound of earth 2 ft. high. 4½ ft.
 base. around post. from which
 a Juniper 13 ins. in diam.
 fr. S. 50 E. 77 links dist.
 marked S. 14 Cr. R. 22 E. S. 20 B. S.

No other trees within limits
 Surface rolling
 Soil 3rd. rate

Good grazing
 Juniper trees few

Cast on a random
 line bet. Secs. 14 & 23
 Va. 180° 58' E.

4000
 42.00

Set temporary 14 Sec. cor.
 Top of spike 60 ft. high to.
 Cr. and S. and descend

T14. N. R. 22 E. G. & S. R. M.

Chs.

80.26

Intersect of. and S. line
24 links S. of the cor. to
Secs. 13, 14, 23 and 24
thence I run S. 89° 50' W.
on a true line bet.
Secs. 14 and 23 with same on.

40.13

Set a post 4 ft. long
4 ins. sq. with marked
stone 12 ins. in the
ground for the cor.
marked "4 S. on N. face
from which a Juniper
8 ins. in diam. brs.
at 23° 0', 38 links dist.
marked "4 S. B. P.

A Juniper 10 ins. in
diam. brs. S. 17° W. 31
links dist. marked
"4 S. B. P.

80.26

The cor. to Secs. 14, 15, 22 & 23

T14.N.R. 22 E G. & S R M.

Surface rolling
 Soil 3rd. det.
 Good grazing
Scattered Juniper timber

N. 10' W. bet. Secs. 14 and 15
 Va. 10° 08' E.

Drum gradually

4000

Set a post 4 ft. long
 4 ins. dia. with marked
 stone 2¹/₄ ins. in the ground
 for "4 Sec. bet. marked
 "4 S. on N. face.
 from which a juniper
 14 ins. in diam. br. N. 35° E.
 62 links dist. marked
 "4 S. O. P.
 a juniper 10 ins. in diam.
 br. S. 79° W. 58 links dist.
 marked "4 S. O. P.

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T14.N.R 22 E G. & S R M

Sec.

80,00

Set a post 4 ft. long 4 ins. sqare, with marked stone, 12 ins, in the ground for Cor, to Secs, 10, 11, 14 5 15 marked T. 14 or. S. 11 on N. E. R. 22 E. S. 14 on S. E, S, 10 on S, W, and S, 10 on N, W, faces, with 4 notch on S, and 2 notch on E. edges, dug pits 13 x 13 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft, high. 4 1/2 ft. base. around post.

from which
a Juniper 8 ins. in diam,
hrs. 22° E. 102 links
dist. marked T. 14 or,
R. 22 E. S. 11 B. D.

A Juniper 10 ins. in
diam. hrs. S. 89° W. 48
links dist. marked
T. 14 or. R. 22 E. S. 10 B. D.

A Juniper 9 ins. in diam.
hrs. 2° W. 114 links
dist. marked T. 14 or,
R. 22 E. S. 10 B. D.

T14.N.R.22 E.G. & S.R.M

Chs

No other trees within limits
 Surface rolling
 Soil red. rich
 Good grazing
 Scattering Juniper timber

East on a random line
 bet. Secs. 11 and 14
 Va. 10058'E,

Ascend gradually

28.00

Top of spur 40 ft. high to S.
 N. and S. and descend

40.00

Set temporary "4" Sec. Cor.

50.46

Entered N. & S. line

15 links N. of the
 Cor. to Secs. 11, 12, 13 & 14
 then I run N. 59° 54' W.
 on a true line bet.

Secs. 11 and 14 with same va.

40.20

Set a post 4 ft. long

Chs.

4 ins. sq. with-marked
 stone ~~12~~²⁴ ins. in the
 ground for "4 Sec. Cor.
 marked "4 S. on N. face
 from which a Juniper
 12 ins. in diam. Obs.
 Az. $10^{\circ} E$. 105 links dist.
 marked "4 S. B. S.

A. Juniper 8 ins. in diam.
 to S. $42^{\circ} W$. 28 links
 dist. marked "4 S. B. S.

80.46

The floor to Secs. 10, 11, 14 & 15
 surface rolling
 Soil 3rd. rate
 Scattering Juniper timber

1,40' N. to Sec. 10, 11
 Va. $13^{\circ} 58' E$.

2.50

Top of bluff 20 ft high
 Cos. $6.5 W$. and decubal

T14. N. R. 22 E. G. & S. R. M

Ch.

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ S. on \swarrow face, dug pits 18 x 18 x 12 ins. \swarrow and \searrow 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. from which a

Juniper 10 ins. in diam.
 hrs. $N. 80^{\circ} E.$ 21 links
 dist. marked $\frac{1}{4}$ S. B. P.
 to the tree within limits

50.00

Set a post 4 ft. long 4 ins. square, with marked stone, ~~12~~²⁴ ins, in the ground for Cor, to Secs, 2, 3, 10 - 11 marked T. 14 \swarrow S. 2 on N. E. R. 22 E, S. 11 on S. E, S, 10 on S, W, and S, \searrow on N, W, faces, with \swarrow notch on S, and \searrow notch on E. edges, dug

from which a Juniper 10 ins. in diam. hrs. $N. 110^{\circ} 45' E.$ 62 links dist. marked $\frac{1}{4}$ S. 14 \swarrow R. 22 E. S. 2 B. P.

a Juniper 8 ins in diam.
 hrs. $S. 11^{\circ} E.$ 116 links dist.

Choi

marked S. 14 N. R. 22 E. S. 1
11 B. D.

A. Juniper 10 ins. in diam.
tr. S. 780 ft. 125 links
dist. marked S. 14 N.
R. 22 E. S. 10 B. D.

A Juniper 12 ins. in
diam. tr. S. 500 ft. 91
links dist. marked S. 14 N.
R. 22 E. S. 3 B. D.

Surface rolling
Soil cont. rate

Good grazing
Dist. of juniper timber

East on a random line
bet. Sec. 2 and 11

Var. 130 58' E.

40.00

Set temporary 114 Sec. corr.

80.10

Subtract N. & S. line

T14. N. R 22 E G. & S R M

Sh

25 links N. of the Co. to
 Sec. 1, 2, 11 & 12 then a
 run N. 89° 49' W. on
 a true line for Sec.
 2 and 11 with same ca.

40.05

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

Juniper 20 ins. in diam.
 to S. 80° W. 108 links
 dist. marked "S. B. D."

No other trees within limits

80.10

The Co. to Sec. 2, 3, 10 & 11

Soil rolling
 Soil 3rd. rate
 Good grazing
 Scattered Juniper timber

Ch.

N. 10° W. on a railroad
line bet. Secs 2 & 3

N. 10° 58' E.

40.00

55.00

Set temporary $\frac{1}{4}$ Sec. Cor.
Top of Hill 25 ft. high
to S. E. of Mt. and down

83.88

Subtract N. Boundary of
the township 19 links
N. of the Cor. to Secs.

2, 3, 24 & 25 which was
recently re-established by me
Chas. J. and S. 10° 2' N.
on a true line bet. Secs.

2 and 3 with same cor.

43.98

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

Juniper line is drawn to,

T14.N.R 22 E G. & S R M

Ch.

S. 100 E, 30 links dist.
marked 114 S. O. P.

8388 The Cr. to Sec 2. 2. 1851

Surface rolling

Soil Exp. rate

Good grazing

Scattering Juniper timber

I carefully examined
the adjustment of
my solar compass
today particularly
the latitude and
reversing apparatus
and found them
correct

J. M. Carson

Crocker man

Dec. 14th 1882.

37

X

BOOK 166

T14, N. R 22 E G. & S R M

Chs.

Ch. on the Cor. to Sec.
 34. 33 & 34 on the S.
 boundary of the township
 recently re-established
 by me. I run
 100 ft. on a true line
 bet. Secs. 33 and 34
 Va. 10° 45' E.

40.01

over rolling ground
 Set a sand stone, 20 x 15 x 2 ins. 15 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
 face, dug pits 18 x 18 x 12 ins. N. and S.
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. alongside.

50.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor, to Secs,
 27. 28. 33 & 34 marked T. 14 Ch. S. 27 on
 N. E. R. 22 E. S. 34 on S. E. S, 33 on
 S, W, and S, 28 on N, W, face, with / notch
 on S, and 3 notch 10 on E. edges, dug
 pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
 and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft.

Chs

base. around post. from which a
 Juniper 10 ins. in diam
 No. 1 of 40 ft. 98 links dist.
 marked C. 14 N. R. 22 E.
 S. 33 B. C. No other
 trees within limits

Surface rolling
 Soil red. Grate
 Good grazing
 Scattered Juniper timber

East on a random
 line bet. Secs. 27 & 28
 T. 14. N. 22. 58' E.

Ground gradually

21.00

Top of hill 60 ft.
 high hrs. N. & S. and descend
 over high rolling ground

40.00

Set temporary "Sec. Cor.

79.54

Intersect N. & S. line

Ch.

3977

46 links S. of the Cor.
 to Sec. 26, 27, 34, 500
 chain I run S. 89° 40' W. on
 a true line bet. Secs.
 27 and 34 with same in.
 At a point 4 ft. long 4 in.
 sq. with marked
 2 1/2 in. in the ground
 for 14 Sec. Cor. marked
 14th on N. jaw. from
 which a Juniper virus
 in diam. to. N. 400 E.
 65 links dist. marked
 114 S. B. T.

A Juniper 15 in. in
 diam. to. S. 86° W. 61
 links dist. marked
 114 S. B. T.

79.54

The Cor. to Sec. 27, 28, 33
 534

T14.N.R 22 E G. & S R M

He

Surfau rolling
Soil 2nd. V rate
Good grazing
Scattering Juniper

4.10.77. 1st. Sec. 27 and 28
T₁₄, 10058' E.

4000

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

from which a
Juniper 12 $\frac{1}{2}$ ins. in diam.
hrs. S. 50° E. 190 links
dist. marked "4 S. B. 1"
No other trees within limits

8000

Set a post 4 ft. long 4 ins. sqare, with marked stone, 12 ins, in the ground for Cor, to Secs, 21, 22, 27, 28 marked T₁₄ N. S. 22 on N. E. R. ²⁰40° E. S. 27 on S. E, S, 28 on S, W, and S, 21 on N, W, face with 2 notch

T14.N.R 22 E.G. & S.R.M

Ch.

W. on S, and \mathcal{F} notch W. on E. edges, dug pits 18 x 13 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft. base. around post.

from which a jumper 10 ins. in diam. to S 44° E. 120 links dist. marked C. 14 or. R. 22 E. S. 27 or. or the trees within limits.

Synon rolling
Soil 2nd. rate

Good grazing
Scattering Jumper timber

East on a random line bet. Secs. 22 and 27
Var. 130 57' East.

Set temporary 114 Sec. for
Doubtless N. and S.
line 18 links S. of the

4000

80.12

TIA. N. R. & E. G. & S. R. M.

Che

Cor. to Sec. 22, 23, 26 & 27
 shown & run S. 89° 50' W.
 on a true line bet.

Sec. 22 and 27 with
 same in.

40.00

Set a post 4 ft. long 4 ins.
 sq. with marked bottom
 2 in. in the ground

for 14 Sec. Cor. marked
 114 on N. face from which
 a Juniper 7 ins. in
 diam. br. S. 60° 15' E.
 140 links dist. marked
 114 S. B. D.

a Juniper 10 ins. in
 diam. br. S. 69° 0' W. 208
 links dist. marked
 114 S. B. D.

80.12

On Cor. to Sec. 21, 22, 27, & 28
 surface running

43

BOOK 166

T14.N.R 22 E G. & S R M

No.

Soil End note
Good grazing
Scattered Juniper Timber

St. 1.0th N. bet. Sec.
21 and 22

Va. 130° 5' E.

40.00

Set a post 4 ft. long
4 ins. sq. well
marked ~~20~~²⁴ ins. in
the ground for 1/4 Sec. Cor.
marked 1/4th on N. face,
from which a Juniper
20 ins. in diam. ^{tr.}
N. 30° 15' E. 59 links dist.
marked 1/4 S. B. A.

A Juniper 8 ins in
diam. ^{tr.} S. 52° N. 68
links dist. marked
1/4 S. B. A.

T14.N.R 22 E G & S R M

8000

Set a post 4 ft. long 4 ins. square, with marked stone, ~~12~~^{2 1/2} ins. in the ground for Cor, to Secs, 15/14 21/5 22 marked T. 14 Cr. S. 15 on N. E. R. 22 E. S. 22 on S. E. S. 21 on S. W. and S. 16 on N. W. faces with a notch near S. and a notch on E. edges, ~~and~~

from which a juniper 20 ins. in diam
hrs. Cr. 28° E. 15 1/2 links dist
marked Cr. 14 Cr. R. 22 E.
S. 15 B. Cr.

A juniper 20 ins. in diam
hrs. S. 8.5° E. 8 1/2 links dist.
marked Cr. 14 Cr. R. 22 E.
S. 22 B. Cr.

A juniper 13 ins. in diam.
hrs. S. 25° N. 18 links
dist. marked Cr. 14 Cr.
R. 22 E. S. 21 B. Cr.

A juniper 18 ins. in diam
hrs. N. 45° N. 22 links dist. marked
Cr. 14 Cr. R. 22 E. S. 16 B. Cr.

T14.N.R 22 E G. & S R M

Chs.

Surface rolling
Soil Prod. rate

Good grading
Design jumper timber

East on a random
line bet. Sec. 15 & 22
Va. 130° 58' E.

40.10
80.04

Set temporary 1/4 Sec. Cor.
Subtract 1/4 and 1/2 line
7 links N. of the Cor.
to Sec. 14, 15, 22 & 23
there I run N. 89° 05' W.
on a true line bet.
Sec. 15 and 22 with
same va.

40.02

Set a post 4 ft. long
4 ins. dia. with unmarked
true ²⁶ 1/2 ins. in the
ground for 1/4 Sec. Cor.

marked 114 S. on A. face
from which a Juniper
10 ins. in diam. has

A. $41^{\circ} 30' E.$ 45 links dist.
marked 114 S. O. J.

A Juniper 8 ins. in
diam has S. 16th N.
21 links dist. marked
114 S. O. J.

8004 The G. to Sec. 15, 16, 21, 22
surface rolling
and 2nd. rate

good grazing
Good timber Juniper timber

A. 10' N. bet. Sec. 15 & 16
Va. 10008' E.

Discard gradually.
Worcester Wash. Co. N.

9.60

47.

BOOK 166

T14. N. R 22 E G. & S R M

Chs.

400.00

Set a sand stone, $8 \times 6 \times 6$ ins., 12 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on $\frac{1}{4}$ face, dug pits $18 \times 18 \times 12$ ins. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside. from which.

a juniper 20 ins. in diam. br. S. 49° E. 93 links dist. marked "4" S. B. S.

No other trees within limits
Cross wash br. S. W.
Leave timber br. E. & W.

41.20

73.00

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 9, 10, 15 & 16 marked T. 14 N. S. 10 on N. E. R. 22 E. S. 15 on S. E, S, 16 on S, W, and S, 9 on N, W, faces with 4 notch on S, and 2 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. around post.

Surface rolling

T14.N.R 22 E G. & S R M

Soil Erod. rate
 good grazing
 scattering Juniper timber 73 Chs.

East on a random line
 bet. Sec. 10 and 15

Pa. 18° 58' E.

ascend gradually

40.00

Set temporary 14 Sec.
 Cor.

79.68

I moved N. and S. line
 39 links N. of the Cor.
 to Sec. 10. 11. 14 & 15
 where I run N.
 89° 43' N. on a true
 line bet. Sec. 10 & 15
 with same ca.

39.84

Set a post 4 ft. long
 4 in. sq. with marked
 stone ² in the

T14.N.R 22 E G. & S R M

Ch.

Ground for 1/4 Sec.
 Cor. marked "4 S. on
 N-face; from which
 a Juniper 6 ins. in diam.
 to N. 11° 30' E. 87 links dist.
 marked "4 S. B. S.

A Juniper 5 ins. in diam.
 to S. 16° W. 23 links dist.
 marked "4 S. B. S.

79.65

The Cor. to Sec. 9. 10. 15 & 16
 Surface rolling
 Soil 3rd. rate

Good grazing
 Scattering Juniper timber

N. 10° W. bet. Secs. 9 and 10
 Va. 13° 58' E.

Low wet slope of prairie

40.00

Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for 1/4 Sec, Cor,
 marked 1/4 S. on N. face, dug pits 18 x 18 x 12

T14. N. R. 22 E. G. & S. R. M

Chs.

ins. *N.* and *S.* of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around post.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, *P. 4. Part 10* marked T. 14 N. S. 3 on N. E. R. 22 E. - S. 10 on S. E. S. 9 on S, W, and S, 4 on N, W, faces with 8 notch on S, and 9 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. around post.

from which
A Juniper 10 ins. in diam.
Chs. Cr. 80° E. 40 links
dist. marked P. 14 Cr.
R. 22 E. S. 3 B. D.

A Juniper 10 ins. in diam.
W. S. 45° W. 68 links
dist. marked P. 14 Cr. R. 22 E.
S. 9 B. D.

No other trees within limits.

Chs.

Surface rolling
Soil 3rd. rate
Good grazing
Scattering juniper timber

East on a random line
bet. Sec. 3 and 10
Va. 10° 58' E.

4000
54.00
79.90

Set temporary 1/4 Sec. Cor.
Top of ridge 100 ft. high
bet. N. and S. and descend
Entered: N. and S.
line 18 links N. of
the Cor. to Sec. 3
2, 3, 10 and 11 thru
a run cr. 89° 02' N. on
a true line bet. Sec.
3 and 10 with same
Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec. Cor,
marked 1/4 S. on N. face, dug pits 18 x 18 x 12

39.95

Chs.

ins. E. and N. of post $5\frac{1}{2}$ ft. dist. above
a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post. from which a

Juniper 8 ins. in diam.

Sp. at 70° N. 48 links

dist. marked 114 S. B. P.

79.90 The cor. to Sec. 3, 4, 9 and 10
mitten lines

Surface rolling

Soil 2nd. rate

Good grazing

Scattering Juniper timber

Work on a random line

bet. Sec. 3 and 4

Va. $130^{\circ} 58' E$

Over rolling ground

4000 Set temporary 1/4 Sec. Cor.

82.02 Intersect N. Boundary

of the township 11 links

E. of the cor. to Sec.

53.

BOOK 108

T14.N.R. 22 E G. & S R M

Chs.

3.4. 33 and 34 which was recently re-occupied by me. Thence I run $E. 0^{\circ} 15' E.$ on a true line bet. Sec. 3 and 4 with same ca.

43.02

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

53.025

The cor. to Sec. 3.4. 33 & 34
Surface rolling
Soil 3rd. rate
Good grazing
Scattering Juniper timber
I carefully examined the adjustments of my solar compass this day particularly

T14.N.R 22 E G & S R M

Ch.

the latitude and surveying
apparatus and found them
correct

A. P. Johnson Dec. 15th 1882

From the Cor. to Sec.
4.5. 32 & 33 on the S.
Boundary of the township
recently re-established
by me. I run
St. 10' N. bet. Sec. 32 and 33
Va. 130° 45' E.

Was rolling ground

4000

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

71.00

Leave Timber Co. St. 40° E.

79.00

Ground bluff Co. St. 80° E. & S. 80° N.

55

TIAN. R 22 E G. & S R M

Chs.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 28, 29, 32 & 33 marked T. 14 of S. 28 on N. E. R. 22 E. S. 33 on S. E, S, 32 on S, W, and S, 29 on N, W, face, with / notch on S, and 4 notch ~~u~~ on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft, high. 4 1/2 ft. base. around post.

Surface rolling
Soil 2nd. rate
Good grazing
Scattered Juniper timber

East on a random line bet Sec. 28 & 33
Va. 130 57' E.

40.00
80.52

Over rolling ground
Set temporary 1/4 Sec. Cor.
Enter at N. and S.
line 12 miles S. of

T14.N.R 22 E G. & S R M

As.

the Cor. to Sec. 27. 28. 03804
 thru Q run S. 89° 05' W.
 on a true line to Sec.

25 and 23 with same va.

40.26

Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor.
 marked $\frac{1}{4}$ S. on $\frac{1}{4}$ face, dug pits 18 x 18 x 17
 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.

80.52

the Cor. to Sec. 28. 29. 02503

Surface rolling
 Soil 3rd. rate

Good grazing
 Scattering Juniper timber

N. 10° W. to Sec. 25 and 29

Va. 13057° E.

Over flat ground

40.00

Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for $\frac{1}{4}$ Sec Cor.
 marked $\frac{1}{4}$ S. on $\frac{1}{4}$ face, dug pits 18 x 20 x 12

BOOK 166
T14. N. R. 22 E. G. & S. R. M

Sw.

ins. E. and N. 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.

8070

12

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 20, 21, 28, 29 marked T. 14 N. S. 21 on N. E. R. 22 E. S. 28 on S. E. S, 29 on S, W, and S, 20 on N, W, faces with 2 notch on S, and 4 notch on E. edges, dug pits 13 x 13 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. around post. from which

a jumper 10 ins. in diam. to N. $16^{\circ} 15' E.$ 100

Ch. dist. marked P. 14 N. R. 22 E. S. 21 P. 1.

No other trees within limits

Surface rolling

Soil 2nd. rate

Good grazing

Scattering jumper

Chs

East on a random line
bet. Secs. 21 and 28
Va. $130^{\circ} 08' E$.

18.00

Leave timber trs. of W. and S. of

40.00

Set temporary 1/4 Sec. corner

47.20

Enter timber trs. of W. and S.

50.27

I also set W. and S. line
4 3/4 miles W. of the corner
to Secs. 21, 22, 27 & 28.

where I run W. $89^{\circ} 42' N$.
on a true line bet.

Secs. 21 and 28 with same Va.

40.14

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

50.27

The corner to Secs. 20, 21, 28 & 29
Surface rolling
Soil Ind. note

T14.N.R 22 E G. & S R M

BOOK 166

So.

Good grazing
Scattering Scupper timber

N. 1/2 Sec. 20 & 21
T. 14 N. 20 58 E.

40.00

Over rolling ground
Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec, Cor.
marked 1/4 S. on N. face, dug pits 18 x 18 x 12
ins. N. and S. 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, with marked
stone, 12 ins, in the ground for Cor, to Secs,
16, 17, 20 & 21 marked T. 14 N. S. 16 on
N. E. R. 22 E. S. 21 on S. E, S, 20 on
S, W, and S, 17 on N, W, faces with 3 notch
on S, and 4 notch on E. edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.
and raised a mound of earth 2 ft, high. 4 1/2 ft.
base. around post.

Surface rolling

BOOK 186

T14. N. R. 22 E. G. & S. R. M.

Ch.

Acct. ind. rate
 Good grazing

East on a random line
 bet. Sec. 16 and 21

Va. $130^{\circ} 58'' E.$

Over rolling ground

24.00

Enter timber $45^{\circ} 17' E.$

4.00

Set temporary $1/4$ Sec. Cor.

79.84

I entered $1/4$ Sec. Cor.

line 15 links S. of
 the Cor. to Sept. 15.

No. 21 and 22 then I
 ran S. $89^{\circ} 54' E.$ on a
 true line bet. Sec.

39.92

16 and 21 with same va.
 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for $1/4$ Sec. Cor.
 marked $1/4$ S. on N face, dug pits 18 x 18 x 12
 ins. E and W of post $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around post.

No.

79.84



The cor. to Sec. 16, 17, 20 & 21
 Surface rolling
 Soil 2nd. soil
 Good grazing
Scattering Juniper timber

St. 10° N. lat. Sec. 16 & 17
 Va. 130° 58' E.

Over rolling ground

20.00

Top of ridge spur to S. St. 70° E.

24.79

Wood sag to S. St. 63° E.

29.20

ascend

39.00

Top of hill 65 ft. high
 to S. St. 43° E. descend

40.00

Set a sand stone, 12 x 10 x 5 ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N. face, dug pits 18 x 18 x 12 ins. St. and S. of stone $\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside.

51.00

Cross sag to S. St. 17° E

68.00

Top of hill 60 ft. high

186

T14. N. R 22 E G. & S R M

Co.

80,00

hrs. 71.12° E. and $S. 20^{\circ}$ N.

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 8, 9, 16 & 17 marked T. 14 ch. S. 9 on N. E. R. 14 & S. 16 on S. E, S, 17 on S, W, and S, 8 on N, W, faces, with 4 notch on S, and 4 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft. base. around post.

from which a Juniper tree 12 ins. in diam. hrs. 70° E. 182 miles dist. marked P. 14 ch. Q. 22 E. S. 9 P. 17
 the other trees within limits surface rolling
 soil 2nd rate

Grazing good

East on a random line bet. Secs. 9 and 16

Va. 1855 8th E.

BOOK 766
 T14. N. R. 22 E. G. & S. R. M.

So.

- 11.00 Crown oak hrs. Cr. 100° E
- 33.00 Crown Spur. 88 ft. high
hrs. Cr. 15° E. & S 15° W. and
ground
- 37.00 + Crown oak
hrs. Cr. 17° 20' E.
- 40.00 Set temporary 1/4 Sec. Cor.
- 58.00 Round stake hrs.
Cr. 7° E. and S. 7° W.
- 61.00 Enter timber hrs. Cr. S.
- 79.76 Interest Cr. and S.
line 24 links S. of
the Cor. to Sec. 9, 10,
15 and 16 thence I
run S. 89° 50' W. on a
true line to Sec.
9 and 16 with same in
- 89.88 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for 1/4 Sec. Cor,
marked 1/4 S. on face, dug pits 18 x 18 x 12
ins. E. and W. of post 5 1/2 ft. dist. and raised

T14.N.R 22 E G. & S R M

D.S.

a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post.

79.76

The tent to Sec. 8. 9. 16. 5. 17

Surface rolling

Soil 2nd. rate

Good grazing

Scattered Juniper timber

N. 10. 11. 12. Sec 8 and 9

Var. 1 2058'E.

Over flat surface

30.00

Cross spur Sec. 8. 31. 7.

40.00

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

58.00

Cross 209 hrs. N. 34° E. ascend

71.16

Cross 209 hrs. N. 40° W. 8

S. 40° E.

45

T14.N.R 22 E G. & S R M

Chs.

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 4, 5, 8, 9 marked T. 40. S. 4 on N. E. R. 22 E, S. 9 on S. E, S, 8 on S, W, and S, 5 on N, W, faces with 5 notch on S, and 4 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft, high. 4 1/2 ft. base. around post.

Surface rolling
 Soil 2nd rate
 Grazing good

East on a random line bet. Secs. 4 & 9
 Va. 130° 58' E.

Over flat surface
 Cross sag bet. A. 40° E.
 Enter timber bet. A. & S.

Agreed slope bet. A. 27° E.
 Set temporary 1/4 Sec. Corn.

22.00
 23.00
 30.00
 40.00

T14.N.R 22 E G. & S R M

No.

- 47.00 Summit of hill fr.
 $\text{d. } 28^{\circ} 30' \text{ E. } \text{ \& } \text{ S. } 28^{\circ} 30' \text{ W.}$
 descend
- 58.30 from say to. $\text{d. } 28^{\circ} \text{ E. } \text{ \& } \text{ S. } 28^{\circ} \text{ W.}$
- 80.26 I subvert cr. & show
 41 bricks S. of the cor.
 to Sec. 34. 9010
 then I run $\text{S. } 89^{\circ} 42' \text{ W.}$
 on a true line bet.
 Sec. 4 and 9 with same ca.
- 40.13 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ S. on gr. 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.
- 80.26 The cor. to Sec. 4, 5, 8 & 9
 Surface rolling
 Soil 3rd. \checkmark rate
 Grazing good
 Scattered $\frac{1}{4}$ Juniper

T14. N. R. 22 E. G. & S. R. M.

Ch.

North 14 West on a random
line bet. Secs. 4 and 5

Pa. 18058' E

Over flat surface

21.00
80.45

Cross sag hrs. $S. 10^{\circ} E.$ & $S. 16^{\circ} W.$

Cross Holbrook road hrs.

$N. 2^{\circ} 30' E.$ & $S. 2^{\circ} 30' W.$

40.00
40.00

Set temporary 1/4 Sec. cor.

Top of spur hrs. $N. 77^{\circ} E.$ and
 $S. 77^{\circ} W.$ and descend

76.00
52.80

Cross sag hrs. $N. 72^{\circ} E.$ & $S. 72^{\circ} W.$

Intersect N. Boundary
of the township 13
blocks N. of the cor.

to Secs. 4, 5, 22 & 33

which was recently re-
established by me.

Thence I run

$S. 0^{\circ} 4' W.$ on a true line
bet. Secs. 4 and 5

TIA. N. R. 22 E. G. & S. R. M.

Chs

with - same as,

42.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ S. on $\frac{1}{2}$ face, dug pits 18 x 18 x 12 ins. $\frac{1}{2}$ and $\frac{1}{4}$ 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.

82.00

Th. Cor. to Sec. 4, 5, 8 + 9
Surface rolling
Soil cult. with
Grazing good
No timber

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

J. M. Carson

Compassman

Dec. 15th 1852

TIAN, R & REG. & S R M

See

From the W. to Sec
 5.6, 31 and 32 on the
 Boundary of the
 township recently
 re-established by me.
 I run a line of 100 ft. on a
 true line bet. Secs 31 & 32
 No. 10045th E.

21.00

Over rolling ground
 Top of spur abt. 40 ft.
 high W. S. 150 ft. at 100° E.

30.00

Lines say to S 170° 15' W.
 and at 170° 15' E.

40.00

Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for 1/4 Sec, Cor,
 marked 1/4 S. on W. face, dug pits 18 x 18 x 12
 ins. N. and S. 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, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
~~290.01 & 2~~ marked T. 144. S 29

T14.N.R.22 E.G. & S.R.M

St.

N. E. R. 22 E, S. 22 on S. E, S, 21 on
S, W, and S, 30 on N, W, face, with notch
on S, and 5 notch on E. edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft, high. 4½ ft.
base. around post.

*Spur jaw rolling
Soil 2nd. rate
Good grazing*

East on a yard over
line bet. Secs. 29 & 32
Va. 100 58° E.

- 8.00 Sp of spur 48 ft. high trs.
bet. 70° W. and S. 70° E. descend
- 15.50 Cross sag trs. at 64° W. & S. 64° E.
- 40.00 Set temporary 14 Sec. line.
- 49.47 Cross Holtbrook road trs. at 90°
30' E. and S. 90° 30' W.
- 57.20 Enter timber trs. at 28° W.
- 65.00 Leave .. at 28° W.

T14.N.R 22 E G. & S R M

So.

80. 18 Embankment of S. line
 25 links S. of the Cor.
 to Secs 28. 29. 32 & 33
 thru ² ^{min} 870 44' N. on
 a true line bet.
 Secs. 29 and 32
 with same a.

40. 06

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

80. 18

The sec. to Secs. 29. 30. 31 & 32
 Surface rolling
 Soil 3rd rate
 Good grazing
 A. P. Johnson
 Dec. 16th 1882

BOOK 166
T14.N.R 22 E G. & S R M

hs.

Went on a random
line bet. Sec. 30 & 31
Va. 120° 5-8' E.

- 6.00 Enter marker A. & S.
- 9.20 Leave marker to. A. & S.
- 10.15 Down slope to. A. 6° 15' N.
- 18.00 Enter flat. to. 100° 30' N.
- 40.05 Set temporary Sec. line.
- 58.90 Entered N. Boundary of the township, 45 links S. E. of this line to Sec. 25. 30. 31 & 36 which was recently re-established by me. Then I ran A. 89° 43' E. on a true line bet Sec. 30 and 31 with same A.
- 48.90 Set a sand stone, 12 x 8 x 5 ins., 5 ins. in the ground for 1/4 Sec, Cor, marked 1/4. on N. face, dug pits 18 x 18 x 12 ins. E. and N. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside.

73

BOOK 166

T14.N.R 22 E G. & S R M

Ch.

85.90

The, loc. to Sec. 29, 30, 31, 32
Surface rolling and level
Soil 2nd. rate
good grazing
J.M. Brown
Compensation Dec. 16th 1882.

North. Sec. 29 & 30
Va. 130 58' E.

17.14

Acres gradually
Top of spur 45 ft. high
hr. S. 120 30' W. and N. 20 30' E.
Cross say to S. 15 0' W.

28.00

40.00

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec, Cor,
marked 1/4 S. on N face, dug pits 18 x 18 x 12
ins. N. and S. 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.

48.00

Top of spur 50 ft. high
hr. N. 16 30' W. & N. 16 30' E.

T14. N. R. 22 E. G. & S. R. M.

Ch.

- 57.00 and descend
 loose sag to E. and N.
 ascend
- 61.00 Top of spur 62 ft. high
 to S. 27° W. and
 N. 70° E. and descend
- 72.00 loose sag to S. 27° W. & N. 27° E.
 ascend
- 79.00 Top of spur to S. 20° W. and
 N. 25° E. 70 ft. high and descend
- 80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs.
 29, 20, 29 & 30 marked T. 14 N. S. 20 on
 N. E. R. 22 E. S. 29 on S. E, S, 30 on
 S, W, and S, 19 on N, W, faces with 2 notch
 on S, and 5 notch on E. edges, dug
 pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.
 and raised a mound of earth 2 ft, high. 4 1/2 ft.
 base. around post.

from which a
 Juniper 12 ins in diam. to
 S. 60° 15' E. 17 limbs dist.

T14. N. R. ^{BOOK 166} E. G. & S. R. M.

Sho

marked S. 14 or R. 22 E.
 S. 29 or P. 21
 No other trees within limits
 surface rolling
 Soil red. v. r.
 Good grazing

Cost on a road over
 line bet. Sec. 20 and 29
 Va. 18' 55" E.

33.00
 40.00
 47.00
 80.36

Enter from the N. or. 5° 20' E.
 Set temporary 1/4 Sec. Cor.
 across N. book
 road to. or. 18° E.
 Intersect N. and S.
 line 28 links N. of
 the Cor. to Sec.
 20. 21. 28 & 29 then I
 run or. 89° 50' N. on a
 true line bet. Sec.
 20. and 29 with same

BOOK 186
T14. N. R 22 E G. & S R M

15.

Va.

40.18

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

80.36

The Cor. to Sec. 19 20. 29 30
Surface rolling
Soft end. & end. rate
Scattering juniper timber
A.P.J. Dawson Dec. 16" 1812

Met on a random line
bet. Sec. 19 and 30
Va. 12° 58' E.

1.70

Dward gradually

14.13

Enter flat to. of $18^{\circ} 15' W.$

40.00

Set a temporary 114 Sec. Cor.

88.42

Intersect W. Boundary of the township 12 miles

Chs.

St. of the Cor. to Sec.
 19, 24, 25 & 30 which was
 recently re-established
 by Mr. Thum I run
 $\text{E. } 59^{\circ} 55' \text{ E.}$ on a
 true line bet. Sec.

48.42

19 and 30 with same va.
 Set a Lava stone, $12 \times 10 \times 6$ ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on St.
 face, dug pits $18 \times 18 \times 12$ ins. E. and W.
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft, high. $3\frac{1}{2}$ ft. base. alongside.

58.42

The Cor. to Sec. 19, 24, 25 & 30
 Surface rolling
 Soil 2nd. rate
 Good grazing
 J.M. Larson Comptroller
 Dec. 16" 1852

St. 10' W. bet. Sec. 19 and 20
 Va. $13^{\circ} 58' \text{ E.}$

BOOK 766
T14.N.R 22 E G. & S R M

Sho.

40.00

Set a sand stone, 10 x 8 x 7 ins., 7 ins. in the ground for 1/4 Sec, Cor, marked 1/4 on face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. alongside.

80.00

Set a post 4 ft. long 4 ins. sqare, with marked stone, 12 ins, in the ground for Cor, to Secs, 17, 18, 19 & 20 marked T. 14 St. S. 17 on N. E. R. 22 E. S. 20 on S. E, S, 19 on S, W, and S, 18 on N, W, faces with 3 notch on S, and 5 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft, high. 4 1/2 ft. base. around post.

Surface rolling
Well 3rd. rate
Good grazing

East on a random line bet. Sec. 17 and 20
Va. 13° 08' E.
Over rolling ground.

99.

BOOK 166
TIA. N. R 22 E G. & S R M

Ch.

40.00

75.70

Set temporary $\frac{1}{4}$ Sec. Cor.
Cross Hoback road to
St. 1055.

79.95

Intersect. St. and S. line
27 links N. of the
Cor. to Sec. 16, 17, 20, 521
thence I run $S. 89^{\circ} 45' W.$
on a true line bet.
Sec. 17 and 20 with
same ca.

89.98

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

79.95

The Cor. to Secs. 17, 18, 19 & 20
Surface rolling
and end netting
good grazing
W. Johnson Dec. 16th 1882.

TIA. N. R 22 E G. & S R M

Chs.

Plot of a random line
to Secs. 18 and 19

79. 13058¹².

32.00

Enter timber to N.E. and S.W.

4000

Set timber on 1/4 Sec. Cor.

87.93

Intersect N. Boundary
of the township 15 miles
S. of the N.W. to

Secs. 18, 19 and 24
which was recently
re-established by me.

Then I run N. 89° 53' E.
on a true line bet.
Secs. 17 and 18 with

same on.

47.93

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

181

T14.N.R 22 E G. & S R M

S.

87.90

Ch. Cor. to Sec. 17, 18, 19 & 20
 Surface rolling
 Soil Exp. note
 Good grazing
 Scattering Juniper timber
 G.M. Larson Holupman
 Dec. 16th 1882

N. 10° W. Pt. Sec. 17 and 18
 Va. 18558 E.

16.15-

Over rolling ground
 Top of spur hrs. N. 70° E.
 End S. 70° W. descend

21.00

Crossing hrs. N. 68° E. and
 S. 68° W. ascend

31.00

Top of hill 40 ft. high
 hrs. N. 60° E. and descend

37.00

Ascend gradually

40.00

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

TIAN. R. 22 E G. & S R M.

ins. N and S of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post.

47.00 Top of hill to. at $540^{\circ} 15' E$
and descend

59.00 Cor 100 sq to. at $590^{\circ} E$
and 590 ft. and ascend

50.00 Set a lava stone $2\frac{1}{2} \times 6$ ins, 8 ins. in
the ground for Cor, to Secs, 7, 8, 17, 18 marked
with 4 notch on S. and 5 notch on E. edges,
dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

Surface rolling
Soil 2nd. rate
Good grazing

East on a random line
at Sec. 8 and 17

22.00 Cor on spur. 50 ft. high
To. $120^{\circ} 58' E$

T14.N.R. 22 E G. & S R M

Ch.

- | | |
|-------|--|
| | hrs. N. 28° E. & S. 28° W.
and descend |
| 84.70 | Cross oak hrs. N. 29° 30' E.
and S. 29° 30' W. |
| 28.00 | Chow ranch hrs. N. of
this point - 27. Ch. Sect
Set temporary 1/4 Sec. Cor. |
| 40.00 | Upper road hrs. N. & S. |
| 65.00 | Cross spur 24 ft. high |
| 67.00 | hrs. N. 30° E
and descend |
| 50.14 | Entered N. and S.
line 6 miles N. of
the Cor. to land
8.9.16 and 17 then I
ran N. 59° 57' W. on
a true line but
Jan. 8 and 17
with same ca. |

T14. N. R. 22 E. G. & S. R. M.

40.07

Set a sand stone, $14 \times 10 \times 4$ ins., 9 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on St.
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.

50.14

The cor. to Sec. 7, 8, 17 & 18

Surface rolling

Soil End rate

Grazing good

To the

A. P. Johnson Dec. 16th 1852

Met on a random
line bet Sec. 7 and 18
Va. $13^{\circ} 45' 8''$ E.

Clear rolling surface

40.00

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

57.00

Enter marker to N. \& S.

87.30

Entered N. boundary
of the township 31
miles S of the cor.

805

BOOK 166

T14. N. R. 22 E. G. & S. R. M

[Handwritten flourish]

to Sec. 7. 12. 1858 recently re-located
by me. *[unclear]* *[unclear]* S. 79° 48' E.
on a true line bet.
Sec. 7 and 18 with
same *[unclear]*.

47.30

Set a sandstone 80 x 24
x 10 ins. 27 ins. in the
ground for 1/4 Sec. Cor.
marked 44 on N.

face, and raised a
mound of stone along
with. Pits unprofitable

87.30

The Cor. to Sec. 7. 8. 1758

Surface rolling

Soil 2nd. rate

Stumps scattering

Grassing good

G. M. Larson

Compassman

Dec. 16th 1882

T14. N. R 22 E G. & S R M

D

St. 107 ft. bet. Secs. 7 and 8
Va. 12058' E.

11.20 Corner spur hrs. St. 700 E.
and S. 700 ft. and record

23.40 Corner cap hrs. St. 650 E.
and S. 650 ft. and record

40.00 Set a sand stone, 15 x 8 x 5 ins., 10 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N.
face, dug pits 18 x 18 x 12 ins. St. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

9

71.15 Enter center hrs. St. 600 E

80.00 Set a sand stone 60 x 24 x 10 ins., 45 ins. in
the ground for Cor, to Secs, 5, 6, 7 & 8 marked
with 5 notch on S. and 5 notch on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside. from which

10

a jumper 12 ins. in diam.
to S. 810 E. 152 feet dist.

T14. N. R 22 E G. & S R M

Ch.

marked C. 14 Ct. R. 22 E,
S. 8 B. P.

No other trees within limits
Lign face rolling
Soil 2nd. rate
Scattering Juniper timber
Gray Pine good

East on a random
line bet Sec. 5 and 8

Va. $10^{\circ} 58' E$

Clear rolling surface

Large timber trs. Ct. $60^{\circ} E$.

Set temporary $1/4$ Sec. corner.

Cross sag trs. Ct. $40^{\circ} E$.

and S. $40^{\circ} W$. ascend

Top of spur trs. Ct. $33^{\circ} E$. S

S. $33^{\circ} W$. 65 ft. high & descend

Cross sag trs. Ct. $27^{\circ} 30' E$.

S. $27^{\circ} 30' W$ and ascend

83.00

40.00

44.00

57.00

64.00

T14. N. R 22 E G. & S R M

Ch.

71.00 Top of spur hrs. $\text{Cl. } 65^{\circ} \text{ E. } \text{S}$
 75.88 $\text{S. } 65^{\circ} \text{ W. } 60 \text{ ft. high and descend}$
 across Hot brook road hrs.
 Cl. r. l.

79.96 Outcrop - Cl. and S. line
 14 links S. of the line
 to $\text{S. } 45^{\circ} \text{ S } 85^{\circ}$
 there I run. $\text{S. } 90^{\circ} \text{ W.}$
 on a true line bet.
 $\text{S. } 5$ and $\text{S } 8$ with
 same va.

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

79.96 The line to $\text{S. } 5.6.7 \text{ or } 8$
 Surface rolling
 Soil ext. rate
 Scattering *Juncus* timber

189.

BOOK 166

T14.N.R 22 E G. & S R M

Chs.

Graying good
W. A. Johnson Dec. 16th 1882

Went on a random
line bet. Sec. 6 & 7
Ta. 130 58th E.

40.00
86.62

Very rolling surface
Set temporary 1/4 Sec. Cor.
Intersect N. Crowder of
of the township 15 Quicks
S. of the Cor. to Sec.
1.6. Band 12 which
was recently re-established
by me. Hence I run
S. 89° 54' E. on a
true line bet.

46.62

Sec. 6 and 7
with same on.
Set a sandstone 40x30x
8 ins. 30 ins. in the

T14.N.R 22 E G. & S R M

Ch.

ground for "4 Sec. Cor.
marked "4 on cr. face
and raised a mound
of stone along side
@ Pit impracticable

86.62

The line to Sec. 5, 6, 7 & 8
Soil red. etc.

Surface rolling
Scattering juniper timber

Cr. 10' N. on a random
line bet. Sec. 5 and 6
Va. 130.58' E.

Ascend

500

Cross spur to Cr. 62° 15' E.
and S. 62° 15' N. and descend

21.00

Woods sag to Cr. 58° E.
and S. 58° N. and ascend

23.00

Leave timber to Cr. 60° E.

23.00

Cross spur to Cr. 44° E.

T14.N.R 22 E G & S R M

4000
81.49

and S. 44° W. and down
Set temporary 1/4 Sec. Cor.
Submit N. of Boundary
of the township 49 hups
of E. of the Mer to Sec.
5. 6. 31-32 which was
recently re-established
by me. Then I ran
E. 0° 31' E. on a true
line bet Sec. 5 & 6
with same va.

461.49

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for 1/4 Sec. Cor,
marked 1/4 S. on N. face, dug pits 18 x 18 x 12
ins. N. and S. 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.

81.49

The Mer. to Sec. 5. 6. 7 & 8
Surface rolling
at 2nd. rate
Graying good

TIA. N. R. 22 E. G. & S. R. M.

Ch.

Scattering juniper timber
I carefully examined
the various instruments
of my Solar
Heliograph to-day
for tracing the
latitude and reversing
apparatus, and found them
correct.
J. M. Union, Comptroller
Dec. 16th 1852

T14. N. R 22 E G. & S R M

General Description

The land in this Twp. is generally rolling although it may be termed as broken in places; the soil is thin & gravelly. Almost the entire Twp. is covered with a growth of Juniper. The abundance of good grass makes this township valuable for grazing purposes.

A road crosses the township from N. to S. and Silver creek runs through the western part of Sec. 18 N. N. A Lewisworth

T14. N. R 22 E G. & S R M

has a house well
an irrigating ditch
and other improvements
in this township.
Value of improvements
about \$600 The exact
location of improvements
not taken but I understand
them to be in Sec. 18
on Silver creek.

FOR FINAL CATHC
SEE BOOK NO. 18

45

U. S. Surveyor General's Office,

Tucson, Arizona, *November 10, 1883*

The foregoing Field Notes of the Survey of the

*Subdivision Lines of
Township 14 North
Range 22 East*

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by *A. P. Johnson*

Deputy Surveyor, under his contract of the *10th*

day of *July*, 188*7*, 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. Roberts
Surveyor General.