

360

BOOK 360

360

F I E L D N O T E S
OF THE SURVEY OF THE
SUBDIVISION LINES

OF

Township 20 North, Range 20 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Frank Follman, D. S., under
Contract dated July 29, 1882.
Survey commenced Nov. 3, 1882.
Survey completed Nov. 6, 1882.

Indexed

~~Book No. 9~~

Copy
Number

Field Notes

No-360

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

BOOK 360

Township 20, N. Range 20, E,

Gila and Salt River Base and Meridian

ARIZONA.

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Township 20 N., Range R. 20 E.,

Gila and Salt River Meridian.

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T. 20 N. R. 20 E.

chains

For Preliminary oaths
& list of assistants
see first book (No. 1.)
of Survey.

Begin at cor. to sec.
35, 36, 1, & 2. on S. by
of T_h, which is a
lava stone 12 x 4 ins,
properly set & marked,
and with pits and
mound of earth,
and run.

N. bet. sec. 35 & 36,

Var. 14° 8' E.

As per, a Burt's im-
proved Dalai Compass,
over rolling surface,

Set a sandstone ✓

40.00

T. 20 N., R. 20, E.

hairs

12, x 10 x 6 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, N. & S. of stone,
 $5\frac{1}{2}$ ft. dist; & raised
a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
along side.

5000

Set a sandstone 18 x
14 x 10 ins, 12 ins, in
the ground for cor,
to sec, 25, 26, 35 & 36,
marked with 1 notch
on S. & E. edges, dug
pits 18 x 18 x 12 ins, in
each sec, $5\frac{1}{2}$ ft. dist,
& raised a mound
of earth, 2 ft. high, ✓

T. 20 N. R. 20. E.

chains

4½ ft. base along side
 Grazing Good
Surface rolling. Soil 3' rot

E. on random line
 bet. sees. 25 & 36,
 Var. 14° 8' E.

4000 Over rolling surface,
 Set temporary ¼ sec.
 cor.

79.91 Intersect E. by of Ch.
 14 lks. S. of cor. to sees
 25, 30, 31, & 36, previ-
 ously established by
 me.

Thence I run
 S. 89° 54' W. on 1000
 line bet. sees. 25 & 36,
 with same var.

39.95 Set a sandstone 16x. ✓

T. 20 N, R. 20, E.

shains

12 x 8 ins, 11 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 E. & W. of stone $3\frac{1}{2}$ ft. dist, & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

49.91 Cor. to sees, 25, 26, 35, & 36. Grazing Good surface rolling. Soil 3rd grade

N. bet. sees 25 & 26,
 bearing $14^{\circ} 8' E$,

Over rolling surface

40.00 Set a sandstone 20 x 8 x 8 ins, 15 ins, in the ground for $\frac{1}{4}$ sec. cor.

T. 20 N. R. 20 E.

chains

marked $\frac{1}{4}$ in N. face,
dug pits $18 \times 18 \times 12$ ins,
N. & S. of stone, $5\frac{1}{2}$ ft,
dirt, & raised a
mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
along side.

8000 Put a sandstone 20
 $\times 16 \times 14$ ins, 15 ins,
in the ground for
cor. to ces, 23, 24, 25
& 26, marked with
2 notches on S, and
1 notch on E, edges,
dug pits $18 \times 18 \times 12$
ins, in each ces,
 $5\frac{1}{2}$ ft, dirt, & raised
a mound of earth
2 ft. high, $4\frac{1}{2}$ ft, base ✓

T. 20 N., R. 20, E.

chain

along side

Grazing Good
Surface rolling. Soil 3rd rate

E. on random line

bet. secs. 24 & 25,

Var. $14^{\circ} 8' E$,

Over rolling surface

27.00 Enter bad lands bet. N. & S,

ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

48.00 Top of mesa, bet. N. & S,

leave bad lands

79.90 Intersect E. W. of Op.

16 lks, N. of cor. to secs.

19, 24, 25, & 30, previ-

ously established

by me.

Thence I run

N. $89^{\circ} 53' W$. on true

T. 20 N. R. 20 E.

hains

line bet. sees. 24, 25,
with same var.

39.95⁺ Set a sandstone 18x
16x12 ins, 12 ins, in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on N,
face, dug pits 18x18x
12 ins, N, & S, of stone
5 $\frac{1}{2}$ ft, dist, & raised
a mound of earth
1 $\frac{1}{2}$ ft, high, 3 $\frac{1}{2}$ ft, base
along side,

79.90 Cor. to sees. 23, 24, 25 & 26,

Straining Good
Surface Quality Soil 5' east

N. bet. sees. 23 & 24,

Var. 14° 8' E,

Over rolling surface,

40.00 Set a sandstone 18x12 ✓

T. 20 N. R. 20, E,

chains

x 6 ins, 12 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. & S. of stone, $5\frac{1}{2}$ ft.
dist, & raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base along side.

8000

Put a sandstone 18
x 14 x 12 ins, 12 ins, in
the ground for cor.
To sec. 13, 14, 23, & 24,
marked with 3 notches
on S, & 1 notch on E,
edges, dug pits 18 x 18
x 12 ins, in each sec,
 $5\frac{1}{2}$ ft. dist, & raised
a mound of earth
2 ft. high, $4\frac{1}{2}$ ft. base

T. 20 N. R. 20 E.

chains

along side,
 Grazing Good
 Surface rolling. Soil 3rd rate

E. on random line

bet. secs, 13 & 24,

Tan. 14° 8' E.

Over rolling surface,

4000 Ret temporary $\frac{1}{4}$ sec. cor.

4300 Entire bad lands, hrs.

N.W. & S.E.

Ascend

7900 Heavy bad lands, 10th

of ascent 80 ft. high,

hrs. N. 10° E.

over high table land

8008 Intersect E. by of Th.

16 hrs. S. of cor. to sec.

13, 18, 19, & 24, previ-

ously established by me. ✓

T, 20 N, R, 20, E,

chains

Thence I run
 S, 89° 53' W, on 1st run
 line bet. sees, 13 & 24
 with same var.

4004 Put a sandstone 16 x
 12 x 10 ins, 11 ins, in
 the ground for $\frac{1}{4}$ see,
 cor. marked $\frac{1}{4}$ on N,
 face, dug pits 18 x 18 x
 12 ins, E. & W. of stone,
 5 $\frac{1}{2}$ ft. dist; & raised
 a mound of earth
 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
 along side.

80,08 Cor. to sees, 13, 14, 23, & 24,
 Surface setting, *Grozing fair*
Soil & etc.

N, bet. sees, 13, & 14,
 Var. 14° 8' E, ✓

J. 20 N. R. 20, E.

chains

4000 Over rolling surface
 Set a lava stone 24
 x 10 x 6 ins, 18 ins, in
 the ground for $\frac{1}{4}$ cor,
 cor. marked $\frac{1}{4}$ on N.
 face, dug pits 18 x 18
 x 12 ins, N. & S. of stone,
 5 $\frac{1}{2}$ ft, dist, & raised
 a mound of earth
 1 $\frac{1}{2}$ ft, high, 3 $\frac{1}{2}$ ft, base
 along side.

8000 Set a lava stone 24
 x 17 x 3 ins, 18 ins, in
 the ground for cor,
 to eas. 11, 12, 13, & 14,
 marked with 4
 nolets on S. & 1 nolet
 on E. edges, dug pits
 18 x 18 x 12 ins, in each ✓

T. 20 N., R. 20, E.

chains

see, $3\frac{1}{2}$ ft. dial, & raised
a mound of earth 2
ft. high, $4\frac{1}{2}$ ft. base
alongside.

Grazing good
Uniform fertility. Soil 3' rate

E, on random line

bet. sees. 12 & 13,

Var, $14^{\circ} 8'$ E.

Over rolling surface,

40,00

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

45,00

Enter bad lands, bet.

N. $21\frac{1}{2}^{\circ}$ E.

Ascend gradually

80,10

Intersect E. by of the
gkks. O. of cor. to sees.
7, 12, 13, & 18, previously
established by me,
Thence I run

S. 20 N. R. 20. E.

chains

S. $89^{\circ} 56'$ W. on true
line bet. sees. 12, 8, 13,
with same var.

40,05

11570

Over rolling surface,
Set a lava stone 20×8
 $\times 6$ ins, 15 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face,
dug pits $18 \times 18 \times 12$ ins,
E. & W. of stone, $5\frac{1}{2}$ ft,
dist., & raised a
mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
alongside.

80,10

cor, 15 sees. 11, 12, 13, & 14,

Grazing Food
Surface rolling. Soil 3rd grade

N. bet. sees. 11, & 12, V
var. $14^{\circ} 8'$, E.

T. 20 N, R. 20 E,

chauns,

40,000 On rolling surface
 Set a larva stone 17x14
 x 13 ins, 11 ins, in the
 ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face,
 dug pits 18x18x12 ins,
 N & S. of stone, $5\frac{1}{2}$ ft.
 dist; & raised a mound
 of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
 ft. base along side,

80,000 Set a sandstone 14
 x 7 x 2 ins, 9 ins, in
 the ground for cor,
 to sec. 1, 2, 11, & 12,
 marked with 3 notches
 on S, & 1 notch on E,
 edges, dug pits 18x
 18x12 ins, in each
 sec, $5\frac{1}{2}$ ft. dist, &

T. 20 N. R. 20 E.

chains

raised a mound
of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base along side,
grazing pool
Surface rolling! Soil 35 cts

E. on random line
bet. sec. 1, 4, 12,

Tai, $14^{\circ} 8' E$,

Over level surface,

4000 Set temporary $\frac{1}{4}$ sec. cor,

7156 Entire bad lands hrs,

N. x S,

8010 Intersect - E. by of Th.
16 lks. S. of cor. to sec.
1, 6, 7, 12, previously es-
tablished by me,

Thence I run

S, $89^{\circ} 53' W$, on true
line bet. sec. 1, 4, 12, ✓

T. 20 N. R. 20, E.

chains

with same var

40,05 Ret a sandstone 16 x
10 x 4 ins, 11 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,
E. & W. of stone $5\frac{1}{2}$ ft.
dist; & raised a
mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
along side,

80,10 cor. to sec. 1, 2, 11, & 12,
Grazing good 715-cls,
Surface Soil 3rd pat

N. bet. Secs. 1, & 2,

Var. $14^{\circ} 8' E$,

Over rolling surface

40,06 Ret a lava stone 10 x ✓

T. 20 N. R. 20. E.

chains.

10 x 6 ins, 6 ins, in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits 18 x 18 x 12 ins. N. & S. of stone, $3\frac{1}{2}$ ft. dist., & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side

80,40 Intersect - 5th Stand-
ard N. at a point -
5.14 chs. W. of stand-
ard cor. to Secs. 35 &
36, previously esta-
blished by me,
when I set a sand-
stone 24 x 8 x 5 ins,
18 ins, in the ground
for closing cor. to
Secs. 1, 2, marked ✓

T. 20 N. R. 20, E.

Chains

C.C. with 5 notches on
 W. & 1 notch on E,
 edges, dug pits 18x
 18x12 ins, S, E, & W, of
 stone, 5½ ft. dist. &
 raised a mound of
 earth 2 ft. high, 4½
 ft. base along side
^{Super. rolling. Soil 3' etc}
 Grazing Good
 Frank Follman
 Nov, 3, 1882,

I carefully examine
 the adjustments of my
 instrument - today, par-
 ticularly the latitude
 & reversing appara-
 tus, & find them
 correct. ✓

T. 20 N. R. 20 E.

chain

I now return to cor.
10 res. 34, 35, 2 & 3, on
S. by of Th. which is
a lava rock 10 x 8 ins,
properly set & marked
& with pits & mound
of earth, & run

N. bet. res. 34 & 35,

Var. 14° 8' E,

Over rolling surface,

4000

Set a sandstone 16 x
12 x 10 ins, 11 ins, in
the ground for $\frac{1}{4}$ cor,
cor. marked $\frac{1}{4}$ on W.
face, dug pits 18 x 18 x
12 ins, N. & S. of stone
 $5\frac{1}{2}$ ft. dist. & raised
a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base ✓

T. 20 N. R. 20 E.

chains

alongside,
 80,000 Set a sandstone 20 x
 16 x 12 ins., 15 ins., in
 the ground for cor. to
 sec. 26, 27, 34 & 35,
 marked with 1 notch
 on S. & 2 notches on E
 edges, dug pits 18 x 18
 x 12 ins. in each sec,
 5 1/2 ft. ^{dist.} ~~base~~ & raised
 a mound of earth
 2 ft. high, 4 1/2 ft. base
 alongside

Brazing Good
Surface rolling. Soil 3' out

E. on random line
 bet. sec. 26, & 35,
 Rai. 14° 8' E.

Over rolling surface ✓

T. 20 N, R. 20, E,

chains

4000 Put temporary $\frac{1}{4}$ sec. cor,
 7988 Intersect N. & S. line
 181ks. S. of cor. to sees,
 25, 26, 35 & 36,

Thence I run
 $S. 89^{\circ} 52' W.$ on true
 line bet. sees, 26. & 35,
 with same var.

3994 Put a sandstone 16
 $\times 12 \times 8$ ins, 11 ins, in
 the ground for $\frac{1}{4}$ sec,
 cor, marked $\frac{1}{4}$ on N,
 face, dug pits 18×18
 $\times 12$ ins, E. & W. of stone,
 $5\frac{1}{2}$ ft. dist, & raised
 a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
 along side,

4988 Cor, to sees 26, 24, 34, & 35
 Surface collis. epozis fair sub 5' rate ✓

T. 20 N. R. 20. E.

chains

N. bet. res, 26 & 27

Var, $14^{\circ} 8' E$,

Over rolling surface

4000

Set a sandstone $18 \times$ 14×10 ins, 12 ins, inthe ground for $\frac{1}{4}$ res,cor, marked $\frac{1}{4}$ on N,face, dug pits $18 \times 18 \times 12$ ins, N & S. of stone, $5\frac{1}{2}$

ft, dist, & raised a

mound of earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$ ft, base

along side,

8000

Set a sandstone 20 $\times 8 \times 8$ ins, 15 ins, in

the ground for cor,

to res, 22, 23, 26, & 27,

marked with 2 notches

on N. & E. edges, dug \checkmark

T. 20 N. R. 20, E.

chains

pits $18 \times 18 \times 12$ ins, in
 each sec, $5\frac{1}{2}$ ft, dist,
 & raised a mound of
 earth 2 ft, high, $4\frac{1}{2}$
 ft, base alongside,
 Grazing Good,
 Surface rolling. Soil 3' or 4'

E, on random line
 bet. sec. 23, & 26,
 var. $14^\circ 8'$ E.

Over rolling surface,
 40.00 Pet temporary $\frac{1}{4}$ sec. cor,
 80.08 Intersect - N. & S. line
 14 lks, N. of cor. to sec.
 23, 24, 25, & 26.

Thence I run
 N. $89^\circ 54'$ W. on 100 ft
 line bet. sec. 23, & 26
 with same var. ✓

T. 20 N. R. 20 E.

chains

40,04 Put a sandstone $16 \times 14 \times 10$ ins, 11 ins, in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins, E. & W. of stone, $5\frac{1}{2}$ ft. dist., & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side,

80,08 cor. to sec. 22, 23, 26, & 27, Grazing Good Surface rolling. Soil 3' rot

N. bet. sec. 22, & 23,
Var. 14° S' E

Over rolling surface

40,00 Put a sandstone $18 \times 14 \times 10$ ins, 12 ins, in the ground for $\frac{1}{4}$ sec. cor. ✓

T. 20 N. R. 20 E.

chains.

marked $\frac{1}{4}$ on W. face,
dug pits $18 \times 18 \times 12$ ins,
N. & S. of stone, $5\frac{1}{2}$ ft.
dist, & raised a mound
of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base along side.

8000

Set a sandstone 18×16
 $\times 12$ ins, 12 ins, in the
ground for cor. to sec.
14, 15, 22, & 23, marked
with 3 notches on S,
& 2 notches on E. edges,
dug pits $18 \times 18 \times 12$ ins,
in each cor. $5\frac{1}{2}$ ft.
dist, & raised a
mound of earth
2 ft. high, $4\frac{1}{2}$ ft. base
along side.

Grazing good Surface setting
Said 31
rate

T. 20 N. R. 20 E.

chains

On random line
bet. sees. 14 & 23,
Var. $14^{\circ} 8' E$,

Over rolling surface

40.00
80.06

Set temporary $\frac{1}{4}$ sec. cor.
Intersect N. & S. line
15 lks. S. of cor. to sees.
13, 14, 23, & 24,

Thence I run

$S 89^{\circ} 54' W$. on 1000
line bet. sees. 14 & 23,
with same var.

40.03

Set a flint-stone 10
 $\times 10 \times 10$ ins, 6 ins. in
the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N.
face, dug pits $18 \times 18 \times$
12 ins, E. & W. of stone
 $5\frac{1}{2}$ ft. dist. & raised

T. 20 N., R. 20 E.

chains

a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
 along side,

So. ob Cor. to sees. 14, 15, 22, & 23,

Grazing Good
 Surface rolling Soil 3" Cat

N. bet. sees. 14 & 15

Var. $14^{\circ} 8'$ E

Over rolling surface,

40,000 Put a sandstone 14×10

$\times 6$ ins, 9 ins, in the

ground for $\frac{1}{4}$ sec. cor,

marked $\frac{1}{4}$ on N. face,

dug pits $18 \times 18 \times 12$ ins.

N. & S. of stone, $5\frac{1}{2}$ ft.

dist. & raised a mound

of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$

ft. base along side.

80,000 Put a sandstone

T. 20 N. R. 20 E.

chains

13 x 12 x 5 ins, 9 ins,
 in the ground for
 cor. to sec. 10, 11, 14 &
 15, marked with 4
 notches on S; & 2 notches
 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 along
 side.

Grazing Good
 Surface rolling soil 3' rat

E. on random line

bet. sec. 11 & 14
 over rolling surface

4000 set temporary 1/4 sec. cor.
 5700 Entire bad lands ors

T. 20 N. R. 20 E.

chains.

N. 21' W.

76.00 have bad lands, brs N. 21' W.

79.91 Intersect N. & S. line
14 lks. N. of cor. to res,
11, 12, 13 & 14,

Thence I run

N. 89° 54' W. on true
line bet res. 11, & 14.

with same var.

89.95 Set a sandstone 12 x
12 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, E. & W. of stone,
5 $\frac{1}{2}$ ft. dist. & raised
a mound of earth
1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
alongside.

T. 20 N. R. 20. E.

chains

79,91 cor, to sec. 10, 11, 14 & 15,
 Grazing Good
 Surface ~~broken~~. Soil 3¹/₂ + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 + 19 + 20

N. bet, sec. 10, 11, 12

Var, 14° 8' E,

Over rolling surface

40,000 Set a lava stone 17 x 12
 x 4 ins, 11 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. & S. of stone, 5 $\frac{1}{2}$ ft,
 dist, & raised a
 mound of earth
 1 $\frac{1}{2}$ ft, high, 3 $\frac{1}{2}$ ft, base
 along side.

80,000 Set a sandstone 15
 x 12 x 6 ins, 10 ins, in
 the ground for cor,

S. 20 N. R. 20, E.

chains

To aces, 2, 3, 10 & 11,
 marked with 5 notches
 on S, & 2 notches on E,
 edges, dug pits 18x18x
 12 ins, in each ace,
 5½ ft. dist, & raised
 a mound of earth 2
 ft. high, 4½ ft. base
 alongside.

Grazing Good
 Surface Soil 30 rats

E. on random line
 bet, aces, 2, & 11.

Var. 14° 8' E

Over level surface,

4000 ft temporary $\frac{1}{4}$ sec. cor,

79.90 Intersect - N. & S. line

16 lks. N. of cor. to aces,

1, 2, 11, & 12, ✓

T. 20 N. R. 20, E.

chains

Thence I run
N. 89° 53' W. on tree
line bet. rees, 2, 7, 11,
with same van

39,95 Set a lava stone 19 x
12 x 7 ins., 13 ins., in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face,
dig pits 18 x 18 x 12 ins.,
E. & W. of stone, $5\frac{1}{2}$ ft.
dist., & raised a
mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
alongside.

49,90 Cor. to rees, 2, 3, 10, 7, 11,
grazing good
Soil 3rd grade
Surface level

N. bet. rees, 2, 7, 3, ✓

T. 20 N. R. 20. E.

chains.

Var. 14⁸ 8' E,

Over rolling surface.
 4000 Set a sandstone 13 x
 12 x 6 ins. Pins, in
 the ground for $\frac{1}{4}$ sec,
 cor. marked $\frac{1}{4}$ on W,
 face, dug pits 18 x 18 x
 12 ins. N. & S. of stone
 $5\frac{1}{2}$ ft. dist, & raised
 a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
 alongside.

80.36

Intersect - 5th Standard
 N. at a point - 5.51 chs.
 W. of standard. cor. 10
 sec. 34 & 35, previously
 established by me,
 when I set a sand-
 stone 12 x 10 x 6 ins.

T. 20 N. R. 20 E.

chain

8 ins. in the ground
for closing cor. to sec.
2, 1, 3, marked C, C,
with 4 notches on
W, & 2 notches on E,
edges, dug pits 18x18x
12 ins. S., E & W, of
stone, $3\frac{1}{2}$ ft. dist; &
raised a mound
of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base along side,
Surface rolling soil, 13 rats
grazing good

John Lee
Counsellman
Nov. 3, 1882,

T. 20 N, R. 20 E,

chains.

I now return to cor. 10
 sec. 33, 34, 3 & 4, on
 S. by of Th. which is
 a sandstone 10 x 4 ins,
 properly set & marked
 & with pits & mound
 of earth, & run

N. bet. sec. 33 & 34

Var. $14^{\circ} 8' E$,

Over rolling surface

4000

Set a lava stone 18 x
 10 x 4 ins, 12 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. & S. of stone
 $5\frac{1}{2}$ ft. dist., & raised
 a mound of earth $1\frac{1}{2}$
 ft. high, $3\frac{1}{2}$ ft. base ✓

S. 20 N. R. 20 E.

chains

8000

alongside
 Set a lava stone 15
 $\times 10 \times 4$ ins, 10 ins. in
 the ground for cor, to
 sec, 27, 28, 33 & 34,
 marked with 1 notch
 on S, & 3 notches on E,
 edges, dug pits $18 \times 18 \times$
 12 ins, in each sec,
 $5\frac{1}{2}$ ft. dist., & raised
 a mound of earth 2
 ft. high, $4\frac{1}{2}$ ft. base
 along side,

Wazing. Good
Surface only. Set 5 rats

E. on random line
 bet. sec, 27 & 34,

Var. $14^{\circ} 8' E$,
 Over rolling surface ✓

T. 20 N. R. 20, E.

chains

4006
80,16
Set temporary $\frac{1}{4}$ sec. cor.
Intersect - N. & S. line
15 lks. S. of cor. to sees,
26, 27, 34, & 35.

Thence I run
S. $89^{\circ}54'W$. on tree
line bet. sees, 27, & 34,
with same var.

4008
Set a sandstone $16 \times$
 12×8 ins, 11 ins. in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on
N. face, dug pits $18 \times$
 18×12 ins, E & W. of
stone, $5\frac{1}{2}$ ft. dist. &
raised a mound of
earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base along side.

80,16
Cor. to sees, 27, 28, 33, & 34, ✓

T. 20 N. R. 20 E.

chairs

Surface rolling
Soil 3 rat
Grazing good

N. bet. sec. 24 & 28,
Twp. 14° 8' E,

4000

Over rolling surface
Set a sandstone 14x13
x6 ins, 9 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face,
dug pits 18x18x12 ins,
N. & S. of stone, 5 $\frac{1}{2}$ ft,
dist; & raised a mound
of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$
ft. base alongside.

8000

Set a lava stone 19
x10x7 ins, 14 ins, in
the ground for cor,
10 sec, 21, 22, 27, & 28,
marked with 2 notches

T. 20 N. R. 20 E.

chains

on S, and 3 notches
 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.
 Grazing Good
 Surface ~~looming~~ Soil 3' cat.

E. on random line
 bet. secs. 22, & 24.

var. $14^{\circ} 8' E$,

Over rolling surface

40.00 set temporary $\frac{1}{4}$ sec. cor.

79.90 Intersect N. & S. line

13 lks N. of cor. to secs.

22, 23, 26, & 24,

Thence I run

N. $89^{\circ} 54' W$, on True ✓

T. 20 N. R. 20 E.

chains

line bet sees. 22 & 27,
with same var.

39.95 Cut a sandstone $16 \times 12 \times 8$ ins, 11 ins. in the ground for $\frac{1}{4}$ sec, cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins, E, S, W. of stone, $5\frac{1}{2}$ ft. deep; & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side.

49.90 cor. to sees. 21, 22, 27 & 28.

Grazing Good
Surface Quality Soil 3500

N. bet. sees. 21. & 22.

Var. $14^{\circ} 8' E$,

Over rolling surface

40.00 Cut a lava stone $17 \times$

T. 20 N. R. 20 E.

chains

10 x 5 ins, 11 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. & S. of
stone $5\frac{1}{2}$ ft, dist, &
raised a mound
of earth $1\frac{1}{2}$ ft, high,
 $3\frac{1}{2}$ ft, base along-
side,

8000

Put a sandstone 16 x
8 x 8 ins, 11 ins, in
the ground for cor,
to sec, 15, 16, 21, & 22,
marked with 3 notches
on D. & E. edges, dug
pits 18 x 18 x 12 ins,
in each sec, $5\frac{1}{2}$ ft, \checkmark
dist, & raised a

T. 20 N. R. 20. E.

chains

mound of earth 2 ft,
high, $4\frac{1}{2}$ ft, base along
side,

Grazing Good $3\frac{1}{2}$ rats
~~Surfa. ~~with~~ Soil~~

E on random line

bet. sec. 15 & 22,

Var. 14° 8' E

Over rolling surface

4000 dit temporary $\frac{1}{4}$ sec. cor,

46,00 Top of table land bet. N. & S.

63,70 Top of rocky hill 50 ft, high
bet. N. E. & S. W,

79,90 Intersect - N. & S. line

18 lks, N. of cor, to sec,

14, 15, 22, & 23.

Thence I run

N. 89° 52' W. on true
line bet. sec. 15, & 22, ✓

T. 20 N. R. 20 E.

chains

with same var.

39.95 Set a sandstone $15 \times 12 \times 8$ ins, 10 ins, in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins, E. & W. of stone, $5\frac{1}{2}$ ft. dist., & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side.

79.90 Cor. to secs. 15, 16, 21, & 22, Grazing good
~~Superior Soil 35 sets~~

N. bet. secs. 15 & 16

Var. $14^{\circ} 8' E$,

over rolling surface

40.00 Set a sandstone $18 \times 12 \times 6$ ins, 12 ins, in

T. 20 N, R. 20 E,

chains

in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
 n. face, dug pits $18 \times$
 18×12 ins, N, E, S. of
 stone $5 \frac{1}{2}$ ft. dist. &
 raised a mound of earth
 $1 \frac{1}{2}$ ft. high, $3 \frac{1}{2}$ ft. base
 along side.

61.00

8000

Enter bad lands br. n, $47 \frac{1}{4}^{\circ}$ E.
 Set a lava stone 20×6
 $\times 6$ ins, 15 ins, in the
 ground for cor. to sec,
 9, 10, 15, & 16, marked
 with 4 notches on S,
 and 3 notches on E,
 edges, dug pits $18 \times 18 \times$
 12 ins, in each sec,
 $5 \frac{1}{2}$ ft. dist., & raised
 a mound of earth ✓

T. 20 N., R. 20. E.

chains

2 ft. high, $4\frac{1}{2}$ ft. base
alongside.Grazing good,
Surface rolling, Soil 3' gradeE. on random line
bet. sec. 10, 8, 15,Var. $14^{\circ} 8' E$,

one barren bad land

18.00 have bad land bet. N. E. & S. W.

over rolling surface.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

46.06 cross wash 50 kts. wide

course N. $16^{\circ} W$.79.90 Intersect N. & S. line
13 kts. S. of cor. to sec.

10, 11, 14 & 15,

Thence I run

S. $89^{\circ} 54' W$, on true

line bet. sec. 10, 8, 15 ✓

T. 20 N. R. 20 E.

chains

with same var.
 39.95 Set a lava stone $20 \times 16 \times 6$ ins, 15 ins, in the ground for $\frac{1}{4}$ sec, cor, marked $\frac{1}{4}$ on N. face, dug pits $8 \times 18 \times 12$ ins, E. & W. of stone, $5\frac{1}{2}$ ft. dist, & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side.

79.90 Cor. to sec. 9, 10, 15, & 16.
 Grazing Good
 Surface broken. Soil $3'' \times 4''$ wet

N. bet. sec. 9, 8, 10,
 var; $140^\circ 8'$ E,

Over bad lands

Soil sandy & barren

14.00 have bad lands, bet. E. & W.,

T, 20 N, R. 20 E,

chains.

17,00 Cross wash, 50 lks, wide
course N, W,

24,50 Cross wash, 50 lks, wide
course N, W,

40,00 Put a sandstone 26
 $\times 10 \times 10$ ins, 18 ins, in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on
N. face, dug pits $18 \times$
 18×12 ins, N. & S. of
stone, $5\frac{1}{2}$ ft, dist. &

raised a mound of
earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$
ft, base along side,

80,00 Put a sandstone $28 \times$
 16×12 ins, 21 ins, in
the ground for cor,
to sec. 3, 4, 9, 8, 10,
marked with 5 notches ✓

T. 20 N., R. 20, E.,

chains

on S, and 3 notches 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 along side

Grazing Good ✓
~~Sec 40~~ ~~grade~~. Surface broken ✓

E, on random line
bet, sec. 3, 7, 10.

Var, 14° 8', E,

Over rolling surface,

40,000

Set temporary ¼ sec, cor,

80,000

Intersect N, 7, S, line

12 lks. N, of cor, to sec,

2, 3, 10, 7, 11,

Thence I run

N, 89° 55' W, on true ✓

T. 20 N. R. 20 E.

chains

4000

line bet. sec. 3, & 10,
 with same var,
 Pit a sandstone 19 x
 12 x 4 ins, 13 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, E. & W. of @ line
 5 $\frac{1}{2}$ ft, dist; & raised
 a mound of earth
 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft,
 base along side

8000

Cor. to sec. 3, 4, 9, & 10,
 Grazing good,
 Sugar rolling Soil 3' cat

N. bet. sec. 3, & 4,

Var. 14' 8', E,

Over rolling surface
 cross wash 20 lks. wide ^{course N.} ✓

600

T. 20, N. R. 20, E.

chains

33,00 Cross wash 50 lks. wide
course W.

40,00 Put a sandstone 13x
8x8 ins, 9 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face,
dug pits 18x18x12
ins, N. & S. of stone,
3 $\frac{1}{2}$ ft. dist., & raised
a mound of earth
 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
alongside.

80,28 Intersect 5th Stand-
ard N. at a point-
5.85 chs, W. of standard
cor. to sec. 33, & 34,
previously established
by me,
where I set a sand- ✓

T. 20, N. R. 20, E.

chains

Stone $18 \times 18 \times 6$ ins, 12
 ins. in the ground
 for ^{closing} cor. to sec. 3, 4, 4,
 marked C. C. with
 3 notches on N. E. & W.
 edges, dug pits $18 \times 18 \times$
 12 ins. S. E. & W. of stone
 $5\frac{1}{2}$ ft. dist., & raised
 a mound of earth 2
 ft. high, $4\frac{1}{2}$ ft. base,
 along side ^{surface rolling soil}
 grazing good. ^{soil 3' rate}

Frank Fullmer

Nov. 4, 1882,

I carefully examined the
 adjustments of my com-
 pass today, especially the
 latitude & reversing appa-
 ratus, & found them correct.

T. 20 N. R. 20 E.

chains

I now return to the
 cor. to sec. 32, 33, 4 &
 5, on S. by of Th,
 which is a sandstone
 10 x 6 ins. properly set
 & marked and with
 pits & mound of
 earth, & run

N. bet. sec. 32 & 33,
 var, $14^{\circ} 8' E$,

over barren bad lands

4000

Set a sandstone 17 x
 10 x 4 ins, 12 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. & S. of stone, $5\frac{1}{2}$ ft.
 dist. & raised a
 mound of earth $1\frac{1}{2}$ ft

T. 20, N. R. 20, E.

chains

ft. high, $3\frac{1}{2}$ ft. base
alongside.7000 River bad lands
Tos, N.W. & S.E.8000 Set a lava stone $16 \times$
 14×4 ins, 11 ins. in
the ground for cor 10
rees, 28, 29, 32, 33,
marked with 1 notch
on S, & 4 notches on E,
edges, dug pits 18×18
 $\times 12$ ins, in each ree,
 $3\frac{1}{2}$ ft. dist, & raised
a mound of earth 2
ft. high, $4\frac{1}{2}$ ft. base
alongsideSurface barren & broken
Soil 4 & rate. *growing poor*

T. 20 N., R. 20 E.

chains

E. on random line
bet. sec. 28 & 33,
var, $14^{\circ} 8' E$,

over rolling surface

4000
80.13
Set temporary $\frac{1}{4}$ sec. cor.
Intersect - N. & S. line
15 lks N. of cor. to sec.
27, 28, 33, & 34,

Thence I run

N. $89^{\circ} 54' W$. on true
line bet. sec. 28 & 33,
with same var.

40.06 Set a sandstone $20 \times$
 8×4 ins, 15 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face
dug pits $18 \times 18 \times 12$ ins
E. & W. of stone, $5\frac{1}{2}$ ft,
dist. & raised a \checkmark

S. 20 N. R. 20, E.

chains

mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
alongside,

80, 13 Cor. to sees. 28, 29, 32, 7, 33,

Grazing Good
Sugar rolling. Soil 36th ✓

N. bet. sees. 28, & 29,

Var. 14° S' E,

Over rolling surface

4000 Bet a lava stone $17 \times$

12×4 ins., 12 ins. in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on N,
face, dug pits $18 \times 18 \times 12$
ins. N. & 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, ✓

T. 20, N. R. 20, E.

chains

8000 Set a sandstone 20x16
 x12 ins. 15 ins. in the
 ground for cor. to sec.
 20, 21, 28, & 29, marked
 with 2 notches on S. &
 4 notches on E. edges,
 dug pits 18x18x12 ins.
 in each sec. 5½ ft.
 dist. & raised a
 mound of earth 2 ft.
 high, 4½ ft. base along
 side. Surface rolling
 Grazing Good
 Soil 3 rat

E. on random line
 bet. sec. 21, & 28.

Var. 14° 8' E

over rolling surface

4000 Set temporary ¼ sec. cor. ✓

S. 20, N. R. 20, E.

chains

- 80,13 Intersect - N. 4, S. line
15 lks. S. of cor. to res,
21, 22, 24, & 28,
Thence I run
S. 89° 54' W. on true
line bet. res. 21 & 28
with same var.
- 40,06 Put a sandstone 20 x
8 x 5 ins, 15 ins, in
the ground for $\frac{1}{4}$ cor.
cor. marked $\frac{1}{4}$ on N.
face, dug pits 18 x 18
x 12 ins, E. & W. of stone
5 $\frac{1}{2}$ ft, dist, & raised
a mound of earth 1 $\frac{1}{2}$
ft, high, 3 $\frac{1}{2}$ ft, base
along side,
- 80,13 Cor. to res, 20, 21, 28, & 29,
Surface rolling ✓

S. 20, N. R. 20, E.

chains

Grazing Good Soil 3 rat

N. bet. sec. 20, & 21,
 var. $14^{\circ} 8' E$.

Over rolling surface
 4000 Set a sandstone $15 \times 12 \times 8$ ins., 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins. N. & S. of stone, $5\frac{1}{2}$ ft. dist.; & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side

45,50 Cross wash 50 lks. wide course N,

76,00 Entire broken bad lands brs. E. & W. ✓

S. 20 N. R. 20, E.

hairs

5000 Put a sandstone 18x
16x12 ins, 12 ins, in the
ground for cor, to see,
16, 17, 20, & 21, marked
with 3 notches on S,
and 4 notches on E,
edges, dug pits 18x
18x12 ins, in each
see, 3 1/2 ft. dist, &
raised a mound
of earth 2 ft. high,
4 1/2 ft. base along-
side. Surface rolling
grazing good
Josi 13th 1900

E on random line
bet. sees, 16 & 21,
Var, 14° 8' E,
Over bad lands. ✓

T. 20 N. R. 20, E.

chain

40,00 Put temporary $\frac{1}{4}$ sec. cor,

42,00 leave bad lands

trs, N, & S,

80,70 Intersect - N, & S, line
16 lks. N, of cor, to sec,

15, 16, 21 & 22,

Thence I run

N, $89^{\circ} 53'$ W, on 1 mi
line bet, sec, 16 & 21,
with same var40,05 Put a sandstone 20
 $\times 8 \times 8$ ins., 15 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N, face,
dug pits $18 \times 18 \times 12$
ins, E, & W, of stone,
 $5\frac{1}{2}$ ft, dist, & raised
a mound of earth
 $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$ ft, base ✓

T. 20. N. R. 20. E.

chairs

along side

80,10 cor. to sec. 16, 17, 20, & 21.

Grazing Good
~~Surface Good lands. Soil 3' & 4' thick~~

N. bet. sec. 16 & 17,

Var. 14° 8' E

Over rolling surface

40,000 Set a sandstone 15 x

12 x 6 ins, 10 ins, in

the ground for ¼ sec,

cor. marked ¼ on N,

face, dug pits 18 x 18

x 12 ins N. & S. of stone

5½ ft. dist. & raised

a mound of earth

1½ ft. high, 3½ ft. base

along side,

80,00 Set a sandstone 15 x

12 x 10 ins, 10 ins, in

T. 20 N. R. 20, E.

chains

the ground for cor,
to sees. 8, 9, 16, & 17,
marked with 4 notches
on N. & E. edges; dug pits
18x18x12 ins, in each
see, 5½ ft. dist. &
raised a mound of
earth 2 ft. high, 4½
ft. base along side.
Grazing Good
Superior Soil; Soil 3 bats

E. on random line
bet. sees. 9, & 16,
Var. 14° 8' E.

Over bad lands

4000 Put temporary ¼ see. cor.
80,14 Intersect N. & S. line
9, lks. S. of cor, to sees.
9, 10, 15, & 16.

T. 20, N. R. 20, E.

chains

Thence I run

S. $89^{\circ} 56'$ W. on true
line bet. sec. 9 & 16,
with same var.

40,07 Set a sandstone $17 \times$
 15×8 ins, 12 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face,
dug pits $18 \times 18 \times 12$ ins,
E. & W. of stone, $5\frac{1}{2}$ ft,
dist. & raised a
mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
alongside.

8,14 cor. to sec. 8, 9, 16, & 17,

Surface bad lands.
Grazing pr. Soil 4" rate

N. bet. sec. 8, & 9,
Var. $14^{\circ} 8'$ E.

S, 20 N; R; 20, E,

chains.

- Our rolling surface
- 4,000 Ret a sandstone 12
x 12 x 6 ins, 8 ins, in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on N,
face, dug pits 18x18
x 12 ins. N & S. of stone
 $3\frac{1}{2}$ ft. dist, & raised
a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
along side.
- 63,000 Cross wash 50 lks. wide
course S, 61° N,
- 80,000 Ret a sandstone 18x16
x 12 ins, 12 ins, in the
ground for cor. 10 sec,
4, 5, 8, & 9, marked
with 5 notches on S,
and 4 notches on E.

S. 20, N. R. 20, E.

chains

edges, dug pits 18x18
x12 ins, in each cor,
5 1/2 ft, dist, & raised
a mound of earth 2
ft, high, 4 1/2 ft, base
alongside.

Grazing Good
Surface Rolling Soil 3 1/2 cat

E, on a random line
bet, sec. 4 & 9.

Var, 14° 8' E,

Over rolling surface

17,50 Cross wash 50 lks, wide
course S. W.

4000 Ret temporary 1/4 sec. cor,

4400 Cross wash, 50 lks, wide
course N,

7982 Intersect - N. & S. line
13 lks, S. of cor. to sec.

✓

S. 20, N. R. 20, E.

chains,

3, 4, 9, 8, 10

Thence I run

S. $89^{\circ} 55' N$, on true
line bet. sees. 4, 8, 9,
with same var.

- 39, 91 Set a sandstone $18 \times$
 16×12 ins., 12 ins., in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on
N. face, dug pits $18 \times$
 18×12 ins., E. & W. of
stone, $3\frac{1}{2}$ ft. dist. &
raised a mound
of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base along side.
- 79, 82 Cor. to sees. 4, 5, 8, 9, 9.

Grazing Good
Soil 20 cent. Soil 3 cent

S. 20, N. R. 20, E.

chains

N. bet. res. 4, 7, 5.

Var. $14^{\circ} 8' E$,

Over rolling surface,

4000

Set a sandstone $12 \times 10 \times 8$ ins, 8 ins, in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face,

dug pits $18 \times 18 \times 12$

ins, N. & S. of stone,

$5\frac{1}{2}$ ft, dist, & raised

a mound of earth

$1\frac{1}{2}$ ft, high, $3\frac{1}{2}$ ft, base

alongside,

8026

Intersect 5^{th} Stan-

dard N. at a point

6, 19 chs, West of ^{standard} cor. 10

res 31, & 32, previous-

ly established by me,

when I set a boulder

T. 20, N. R. 20, E.

chains,

18 pins, dia. firmly in
 the ground for closing
 cor. to sec. 4, 7, 3,
 marked C, C, with 2
 nolets on N, & 4 nolets
 on E, edges, & raised
 a mound of dirt
 alongside. Pits in-
 practicable

Grazing Good
 John Lee ^{Surface good;}
 (Orupassman) _{the 3' rate}
 Nov. 4, 1882,

✓

S. 20 N. R. 20, E,

chains

I now return to cor,
to sees, 31, 32, 3 & 6,
on S. by of Sh, which
is a lava stone 10 x
8 ins, properly set &
marked and with pits
& mound of earth, &
run.

N. bet. sees, 31 & 32,
Var, $14^{\circ} 8' E$,

over rolling surface,

4000

Set a sandstone 16 x
12 x 4 ins, 11 ins, in
the ground for $\frac{1}{4}$ see,
marked $\frac{1}{4}$ on N. face,
dug pits 18 x 18 x 12 ins,
N. & S. of stone $5\frac{1}{2}$ ft,
dial, & raised a
mound of earth $1\frac{1}{2}$ ft, ✓

S. 20, N. R. 20, E.

chains

high, $3\frac{1}{2}$ ft, base along-
side,

8000 Put a sandstone 20
 $\times 12 \times 3$ ins, 15 ins, in
 the ground for cor,
 to sec, 29, 30, 31 & 32,
 marked with 1 nolet
 on S, & 5 nolets on
 E. edges, dug pits $18 \times$
 18×12 ins, in each
 sec, $5\frac{1}{2}$ ft, dist, & raise
 a mound of earth 2
 ft, high, $4\frac{1}{2}$ ft, base
 along side, ^{Surface rolling}
~~Grading~~ ^{Level}
 Soil 2nd Grade ✓

E. on random line ✓
 out, sec, 29, & 32,

T. 20, N. R. 20, E.

chain

Var. 14° $8'$ E
 over rolling surface
 4000 set temporary $\frac{1}{4}$ sec. cor.
 8005 helusid - N. & S. line
 13 lks. S. of cor. to sees,
 28, 29, 32, & 33.

Thence I run
 $S. 89^{\circ} 54' W.$ on 1 run
 line bet. sees, 29, & 32,
 with same var.

4002 Set a lava stone 16
 $\times 16 \times 8$ ins, 11 ins, in
 the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N.
 face, dug pits $18 \times 18 \times$
 12 ins, E. & W. of stone
 $5\frac{1}{2}$ ft. dist. & raised
 a mound of earth
 $1\frac{1}{2}$ ft. high, $4\frac{1}{2}$ ft. base
 along side. ✓

S. 20, N. R. 20, E.

chains,

80,05 Cor. to sec. 29, 30, 31, & 32,
^{Surface & 1/2} Grazing Good
 Soil & 1/2 ^{1/2} Frank Hollman
 Nov. 6, 1882.

N. on a random line
 bet. sec. 30 & 31.
 Var. $14^{\circ} 8' E$.

Over rolling surface

10,50 E. to bad lands,
 hrs, N. E. & S. W.

4000 set temporary $\frac{1}{4}$ sec. cor.

86,12 Intersect N. by of Ch.
 12 lks, S. of cor. to sec.
 25, 30, 31, & 36, pre-
 viously established
 by me.

thence I run
 S. $89^{\circ} 55' E$ on True ✓

S. 20, N. : R. 20, E.

chairs

line bet. sees, 30 & 31
with same var.46, 12 Put a lava stone $12 \times 8 \times 7$ ins, 8 ins, in the ground for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ on N face, dug pits $18 \times 18 \times 12$ ins E & W. of stone, $5\frac{1}{2}$ ft. dist, & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side.86, 12 Cor. to sees 29, 30, 31, & 32,
Surfa broken. Soil is to det. spraying poor.
Johnnie
Compassman
Nov. 6, 1882,

✓

J. 20, N. R. 20, E.

chains,

N. lat. sec. 29 & 30

Tan, $14^{\circ} 8' E$,

On a rolling surface

4000

Set a lava stone $18 \times 12 \times 5$ ins, 12 ins, in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins N. & S. of stone $5\frac{1}{2}$ ft. dist. & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side,

7000

Enter bad lands, ors.
N. E. & S. W.

8000

Set a sandstone $20 \times 16 \times 14$ ins, 15 ins. in the ground for cor. 10 sec. 19, 20, 29, & 30, marked with 2 notches

T, 20 N, R, 20, E,

chains

on S & 5 notches on E,
edges, dug pits 15x15x
12 ins, in each sec,
5½ ft. dist. & raised
a mound of earth 2
ft. high, 4½ ft. base
along side.

Grazing Wood, 70 chs,
Amph. rolling. Soil 4th rate

E. on random line bet.
secs. 20 & 29,
var. 14° 8' E,

Over bad lands

40.00 Ret temporary ¼ sec. cor.

45.00 Leave bad lands, hrs

N. 41° E,

80.06 Intersect - N. & S. line

160 yds. N. of cor. 10 secs

T. 20, N. R. 20, E.

chains,

20, 21, 28 & 29,

Thence I run

N, 89° 53' W, on 1st run
line bet, sees. 20, & 29,
with same var,

40,03 Set a sandstone 18x16x
12 ins, 12 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face,
dug pits 18x18x12 ins
E. & W. of stone, $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base along side.

80,06 Cor. to sees. 19, 20, 29, & 30,

Surface barren bad lands

Soil 4th rate. *Spiz's farm*
Frank Fullman

Nov. 6, 1882,

T. 20, N. R. 20, E.

chains

W, on random line
bet. sec. 19 & 30.

Var. $14^{\circ} 8' E$,

over bad lands

9.00. Leave bad lands, trs.
N. $65^{\circ} W$.

40.00 Ret temporary $\frac{1}{4}$ sec. cor.

86.00 Intersect W. by of Th.
15 lks. S. of cor. to sec.
19, 24, 25, & 30, previ-
ously established by
me.

Thence I run
S. $89^{\circ} 54' E$, on true
line bet. sec. 19, & 30,
with same var.

46.00 Ret a sandstone 18×16
 $\times 12$ ins, 12 ins, in the
ground for $\frac{1}{4}$ sec. cor.

T. 20, N. R. 20, E.

chains

marked $\frac{1}{4}$ on N. face,
 dug pits 18 x 18 x 12 ins,
 E. & W. of stone, $5\frac{1}{2}$ ft,
 dist; & raised a mound
 of earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$
 ft, base alongside.

86.00 Cor. to sec. 19, 20, 29 & 30

John Rlee ^{Surface broken}
^{Soil & a rate}
^{grozing floor}
 Comhassman

Nov. 6, 1882,

N. brt. sec. 19 & 20,

Var. $14^{\circ} 8' E$,

Over bad lands

9.00 have bad land, br. E. & W.

40.00 Put a sandstone 16 x 12

x 10 ins, 11 ins, in the
 ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face, ✓

T. 20 N. R. 20, E.

chains

dug pits $18 \times 18 \times 12$ ins,
N. & S. of stone, $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$
ft, base along side.

79,50 Cross wash, 50 lks. wide
course N.

80,00 Set a sandstone $18 \times$
 14×12 ins, 12 ins, in
the ground for cor,
to sec. 17, 18, 19, & 20,
marked with 3 notches
on S, and 5 notches on
E. edges, dug pits $18 \times$
 18×12 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 along side. ✓

T. 20, N. R. 20, E.

chains

Super broken
 Grazing Good 71 chs.
 Soil 3' 0" + 2 at

E. on random line
 bet. sees. 17, & 20,
 var. 14' 8' E,

23,00 One rolling surface
 blue S. of this point 10,
 21 chs. is situated W.^m
 Young's residence.

28,00 Cross wash, 150 chs. wide
 course S. W.

40,00 Pit temporary $\frac{1}{4}$ sec. cor.
 80,13 Intersect - N. & S. line
 15 lks. N. of cor. to sees.
 16, 17, 20, & 21.

Thence I run
 N, $89^{\circ} 54'$ W, on true
 line bet. sees. 17, & 20,
 with same var. ✓

T. 20, N. R. 20. E.

chains

4006 Set a flint rock 18×16
 $\times 12$ ins, 12 ins, in the
 ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face,
 dug pits $18 \times 18 \times 12$ ins,
 E. & W. of stone, $5\frac{1}{2}$ ft,
 dist, & raised a mound
 of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
 ft. base alongside.

80,13 Cor. to sees, 17, 18, 19, & 20,
 Grazing Good, Surfer Valley
 S. 2^d V. 2^d
 Frank Follman
 Nov. 6, 1882,

W. on random line
 bet, sees, 18, & 19,

Var. $14^{\circ} 5' E$,

over rolling surface,

4000 Set temporary $\frac{1}{4}$ sec. cor. ✓

T. 20, N. R. 20, E.

chains.

- 85, 88 Intersect - W. by of Th,
15 lks, N. of cor, to sec,
13, 18, 19, & 24, previously
established by me,
Thence I run,
N. 89° 54' E. on true
line bet. sec, 18, & 19,
with same var,
- 45, 88 Set a sandstone 18 x 16
x 12 ins, 12 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,
E. & W. of stone, 5 $\frac{1}{2}$ ft,
dist, & raised a mound
of earth 1 $\frac{1}{2}$ ft, high,
3 $\frac{1}{2}$ ft, base alongside,
- 85, 88 Cor, to sec, 17, 18, 19, & 20.
Grazing Good.
Sugar collig. Soil 3⁵ eat ✓

T. 20, N. R. 20, E.

chains

John Lee
 Duhaessman
 Nov. 6, 1882,

N. bet. sec. 17, 18,

Tac. 14' S' E,

over rolling surface

4000

Set a sandstone 18x16
 x12 ins., 12 ins., in the
 ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face,

dug pits 18x18x12 ins.,

N. & S. of stone, $5\frac{1}{2}$ ft,
 dist., & raised a mound
 of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base along side,

8000

Set a sandstone 20x
 18x16 ins., 15 ins., in
 the ground for cor,

S. 20, N. R. 20, E.

chains,

to sec. 7, 8, 17, & 18,
 marked with 4 notches
 on S, & 5 notches on E;
 edges, dug pits 18x18x12
 ins. in each sec. 5½
 ft. dist; & raised a
 mound of earth 2 ft.
 high, 4½ ft. base along
 side surface coll. S. 13¹/₂ not
 Grazing Good

E. on random line
 bet. sec. 8 & 17.

Var. 14° 8' E.

Over rolling surface

34.00

Descend gradually,
 over broken surface.

44.00

at temporary ¼ sec. cor.

71.00

cross wash 50 lks. wide

S. 20, N. R. 20. E.

chains

course S,

79.88 Intersect - N, 4, 5, line
10 lks. S. of cor. to sees.
8, 9, 16, 7, 14.

Thence I run
S. $89^{\circ} 36' W$, on true
line bet. sees 8, 7, 14,
with same var.

39.99 Hit a sandstone 15
 $\times 12 \times 10$ ins, 10 ins. in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on N,
face, dug pits $18 \times 18 \times$
12 ins, E. & W. of stone
 $5\frac{1}{2}$ ft. dist. & raised
a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
along side.

79.88 Cor. to sees. 7, 8, 17, 4, 18. ✓

84,

BOOK 360

T. 20, N. R. 20, E.

Chairs

Surface broken Soil 3' at
 Grazing Good
 Frank Fallman
 Nov. 6, 1882,

W. on random line
 bet. sec. 7, 8, 18,
 Var. $14^{\circ} 8'$ E,

Over rolling surface
 4000 Det temporary $\frac{1}{4}$ sec. cor.
 85,80 Intersect - W. by of Th.
 15 lks, S. of cor. to sec.
 7, 12, 13, 8, 18, previously
 established by me,
 Thence I run
 S. $89^{\circ} 54'$ E on 1000
 line bet. sec. 7, 8, 18,
 with same var.

45,80 Det a sandstone 16
 x 12 x 10 ins, 11 ins. in

T. 20, N. R. 20, E.

chain

the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N.
 face, dug pits $18 \times$
 18×12 ins. E. & W. of
 stone, $3\frac{1}{2}$ ft. dist. &
 raised a mound of
 earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
 ft. base along side

8580

cor. to sec. 7, 8, 17 & 18
^{Superior Valley} Soil's great
 grazing wood

John Blew
 Comptroller
 Nov. 6, 1882.

N. bet. sec. 7, 8, 8,

Var. 14° S' E.

One rolling surface,

4070

But a sandstone $18 \times$
 16×12 ins. 12 ins. in

T. 20, N. R. 20, E,

chains

in the ground for
 $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ on N. face, dug pits
 18x18x12 ins, N. & S. of
 0 line, $5\frac{1}{2}$ ft, dist, &
 raised a mound of
 earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$
 ft, base along side

8000

Set a sandstone 16x
 15x8 ins, 11 ins, in the
 ground for cor. to
 sec. 5, 6, 7, & 8, marked
 with 5 notches on S,
 & E. edges, dug pits
 18x18x12 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 along side

Superficial Soil 3' to 4' deep
gravelly sand

T, 20, N, R, 20, E,

chains,

On random line
bet. sec. 5, 7, 8,
var, $14^{\circ} 8' E$,

Over rolling surface

4000. Bet temporary $\frac{1}{4}$ sec. cor.

7988 Intersect N. & S. line
19 lks. S. of cor. to sec.
4, 5, 8, & 9.

Thence I run
 $S. 89^{\circ} 52' W$, on true
line bet. sec. 5, 7, 8,
with same var.

3994 Bet a sandstone $15 \times$
 $1\frac{1}{2} \times 6$ ins, 10 ins, in
the ground for $\frac{1}{4}$ sec,
cor, marked $\frac{1}{4}$ on N,
face, dug pits $18 \times 18 \times$
12 ins, E. & W. of stone
 $5\frac{1}{2}$ ft, dist. & raised ✓

T. 20, N. R. 20, E.

chains

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

79,88

Cor. to sec. 5, 6, 7, & 8
^{Surface well} Grazing Wood ^{Soil 3' site}
 Frank Fullman
 Nov. 6, 1882,

W. on random line
 bet. sec. 6, 7,
 Var. 14° 8' E,

Over rolling surface
 dit temporary $\frac{1}{4}$ sec. cor.
 Intersect Tr. by of Th.
 at a point - 18. lks. N,
 of cor. to sec. 1, 6, 7, &
 12, previously esta-
 blished by me.
 Thence I run ✓

4000
 83,71

T. 20, N. R. 20, E.

chains

N. $89^{\circ}52'$ E. on ~~100~~
line bet. sees. 6, & 7,
with same var.45,71 Put a sandstone 21
 $\times 10 \times 6$ ins., 15 ins. in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on N,
face, dug pits 18×18
 $\times 12$ ins., E. & W. of stone,
 $3\frac{1}{2}$ ft. dist., & raised
a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft.
base along side,85,71 cor. to sees. 5, 6, 7, & 8.
Grazing & Good
Soil rolling Soil & water

N. bet. sees. 5, & 6.

Var. $14^{\circ} 8' E$,

Over rolling surface. ✓

T. 20, N. R. 20, E.

chains

- 25,00 Enter valley brs S. W.
 40,00 Set a lava stone 14
 x 10 x 4 ins, 9 ins, in
 the ground for $\frac{1}{4}$ sec.
 cor, marked $\frac{1}{4}$ on N.
 face, and raised a
 mound of stone
 alongside, pits in-
 practicable.
- 80,24 Insect - 5th stand-
 ard N, at a point -
 6,53 chs, West, of stan-
 dard cor, 10 sec, 31 r
 32, previously esta-
 blished by me,
 when I set a sand-
 stone 13 x 12 x 10 ins,
 9 ins, in the ground
 for closing cor, 10 sec,

T. 20, N.; R. 20, E.

chains

5, 8, 6, marked C, C,
 with 1 notch on N, &
 3 notches on E. edge,
 dug pits 18x18x12 ins.
 S, E & N, of stone 5½
 ft, dist., & raised a
 mound of earth 2 ft,
 high, 4½ ft, base
 along side. ^{Surface rolling}
 Grazing Wood ^{Soil 3rd rate}
 John Lee
 Comptroller
 Nov. 6, 1882,

I carefully examined the
 adjustments of my com-
 pass today, especially the
 latitude & reversing appa-
 ratus, & found them correct.

T. 20, N. R. 20, E.

chains

General Description.

The surface of this town-
ship is rolling, with
some bad land in
Eastern, central, and
southwestern portions.
The soil is mostly 3rd
rate and the grazing
is good in all parts
of township.

Mr. ^{Wm.} Young's residence
is on the N. W. quar-
ter of sec. 20.

I, 20, N, R, 20, E,

chains,

For final points
see last book (N^o 17)
of survey.

U. S. Surveyor General's Office,
Tucson, Arizona, *April 19*, 1883

The foregoing Field Notes of the survey of the
Subdivision Lines of Township
20 North, Range 20 East

of the Gila and Salt River Base and Meridian, Arizona,
executed by *Frank Hollman*,
D. S., under his contract of the *29th* day of
July, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. W. Robinson

Surveyor General.