

No-28

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF -

Township 5 ~~North~~ Range 11 East.

Gila and Salt River Base and Meridian

ARIZONA.

By Thos. F. White D. S.

under contract dated Aug 27, 1880.

Survey commenced May 4, 1881.

Survey completed May 13, 1881.

No-28

8
2

Copy

Field Notes

of INDEX DIAGRAM.

Township 5 N.

Range 11 E.

6	50	5	37	4	27	3	17	2	1
49		47		36		26		16	
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45		44		35		25		14	
18	42	17	34	16	24	15	13	14	13
42		40		33		23		12	
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30		29	29	28	19	27	9	26	4
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									36

Gila and Salt River Meridian.

ARIZONA.

Preliminary Oaths of Assistants.

We, Richard Shrope
 and Samuel Van Pitt
 do solemnly swear that we will faithfully execute
 the duties of Chain Carriers; that we will level the
 chain upon uneven ground, and plumb the tally
 pins, whether by sticking or dropping the same;
 that we will report the true distance to all notable
 objects, and the true length of all lines that we as-
 sist in measuring, to the best of our skill and
 ability.

Richard Shrope
Samuel Van Pitt

Sworn to and subscribed before me, this 4th
 day of April, 1881.

William J. Asham
 Notary Public
 In and for N. H.

We, Frank Carpenter
William Morrison & C. H. Patchett
do solemnly swear that we will well and truly per-
form the duties of Assega, Moundwan
& Agman respectively
according to instructions given us, and to the best
of our skill and ability.

Frank Carpenter

William Morrison
C. H. Patchett

Sworn to and subscribed before me this 4th
day of April, 1851

William Ashby
Notary Public
Tinn Co., N.Y.



No-28

10

Township 5 N. Range 11. E.

Gila & Salt River Meridian.

chs

From the cor. to Secs. 35. 36. 1 & 2.
on the S. Boundary of Township
which was recently established
by me, and is fully described
in my field notes I run
North between Secs. 35 & 36.

Var. $14^{\circ} 12' E$.

as per observation with Solar Compass
this is the Variation of the E & S.
Boundaries, I use the same
instrument in making the
subdivisional survey that I use
in running the Exterior. A

Burt's improved Solar Compass.

4000 Set a post marked $1/4 S$. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and
build mid of earth 2 ft high,
with pits 18+18+12 ins. as per

S. 5. N. R. 11. E. G. & S. R. M.

chs

instructions for $\frac{1}{4}$ Sec. cor.
from which bears.

A Cottonwood 18 ins. dia. S. $31\frac{1}{2}^{\circ}$ E. 42 lbs dist

A Cottonwood 18 ins. dia. N. $76\frac{1}{2}^{\circ}$ W. 52 lbs dist.

Hook's house bears S. 67° E. 16 chs dist
on east side of Creek.

46.70 Tonto Creek corne E of S.

50.50 Leave Tonto Creek

60.00 Dry Wash 100 lks wide corne W. of S.

65.50 Road W. of N.

80.00 Set a post marked & notched 4 ft

long 4 ins. sq. with marked stone
12 ins. in the ground, and build
mud of earth 2 ft high, with pits
18+18+12 ins. as per instructions
for cor. to Secs. 25. 26. 35 & 36.

from which bears.

A Mesquite 4 ins. dia. N. 53° W. 57 lbs dist

A Mesquite 3 ins. dia. N. 20° E. 72 lbs dist

S. 5. N. R. 11. E. G. & S. R. M.

chs

A magnet 3 ins. dia. S. 16° W. 87 lks dist
 A magnet 10 ins. dia. S. $63\frac{1}{2}^{\circ}$ E. 128 lks dist.
 Along Creek bottom rich soil,
 Cottonwood Willow, & brush.

East on random line bet. Secs. 25 & 36
 Var. $14^{\circ}12'$ E.

10.00 Leave bottom & enter Mesa land

+ 40.00 Set temporary $1/4$ sec. cor.

49.91 Intersect the E. Boundary 11 lks S. of cor.
 to Secs. ²⁵ 30. 31 & 36. from which I
 run

S. $89^{\circ}55'$ W. on true line bet. Secs. 25 & 36
 Var. $14^{\circ}12'$ E.

39.95 Set igneous rock $12 + 8 + 4$ ins. 8 ins. in
 the ground, and build up of stone ^{2 1/4} ft
 with marked stone 12 ins in the ground
 as per instructions for $1/4$ sec. cor.

T. 5 N. R. 11. E. G. & S. R. M.

- chs
 49.91 Cor. to Secs. 25, 26. 35x36.
 Mostly flat mesa, soil 2^d rate
 rich on W. end.
 Mesquite on W. End, then no
 timber.
-
- North between Secs. 25 & 26.
 Tar. 14° 12' E.
- 32.00 leave Creek bottom
- 40.00 Set Igneous rock 14x10x8 ins. 10 ins
 in the ground with marked
 stone, and build end of stone
 2 ft high, as per instructions
 for 1/4 sec. cor.
- 80.00 Set Igneous rock 14x12x8. ins.
 10 ins. in the ground, with
 marked stone, and build end
 of stone 2 ft high, as per inst

T. 5 N. R. 11. E. G. & S. R. M.

Chs

nctions for cor. to Secs. 23, 24, 25 & 26.
Soil good & 2^d rate
No timber.

East on random line bet. Secs. 24 & 25
Var. $14^{\circ} 12' E$.

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

79.89 Intersect E.B. of Sp. 9 lks N. of cor.
to Secs. 19, 24, 25 & 30 from which
I run.

9.89 $\cdot 56' N.$ on true line bet. Secs. 24 & 25
Var. $14^{\circ} 12' E$.

39.74 Set igneous rock $14 \times 7 \times 6$ ins. 10 ins.
in the ground & build and of earth
 $2\frac{1}{2}$ high, with pits $18 \times 18 \times 12$ ins. as
per instructions for $\frac{1}{4}$ sec. cor.

79.89 Cor. to Secs. 23, 24, 25 & 26
Mesa land, Soil 2^d rate
No timber

T. S. N. R. 11. E. G. & S. R. M.

chs

North on random line bet. Secs 23 & 24.
Var. $14^{\circ} 12' E$.

4000 Set temporary $1/4$ sec. cor.

65.80 Dry wash 20 lbs wide course S. W.

79.94 Intersect E or W. line 8 lbs E of cor. to
Secs. 13. 14. 23 & 24 which was set
by me in running a line in lieu of
a portion of E. Boundary of T_p.
Thence from

S. O. 3 E. on true line bet. Secs. 23 & 24
Var $14^{\circ} 12' E$.

39.97 Igneous rock $12 \times 8 \times 8$ ins. 8 ins. in the
ground and build and features
2 ft high, with ~~marked down~~ ^{as per}
instructions for $1/4$ sec. cor.
from which bears.

A Mosquito 12 ins. dia East 157 lbs dist.
This is in little valley running E of S.

79.94 Cor. to Secs. 23. 24. 25. 26.

Broken Soil 2^d. rate

S. 5. N. R. 11. E. G. & S. R. M.

Chs

Brush no timber

May 7. 1881

From the cor. to Secs. 34 & 35,
2 & 3. on S. B. of Tp. 9 run North
between Secs. 34 & 35.

Var $14^{\circ}12' E.$

40.00 Set Igneous rock $14 \times 7 \times 7$ ins. 10 ins.
in the ground, and build end of
earth 2 ft high with pile $18 \times 18 \times 12$
ins. as per instructions for $1/4$ Sec. cor.

78.00 Enter Mesquite Plat.

80.00 Set Quartzose rock $16 \times 12 \times 7$ ins. 11 ins in
the ground and build end of
stone 2 ft high, with ~~on a pile~~ ~~rock~~
 12 ins. in the ground, as per inst
ructions for Cor. to Secs. 26. 27. 34 & 35.
from which bears.

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

chs

A Mesquite 7 ins. dia. N. $86\frac{1}{2}^{\circ}$ E. 157 lbs dist

A Mesquite 8 ins. dia. N. 53° E. 106 lbs dist

↓ A Mesquite 5 ins. dia. N. $21\frac{1}{2}^{\circ}$ E. 185 lbs dist

A Mesquite 4 ins. dia. N. 88° W. 42 lbs dist.

Some broken, N. end in Mesquite bottom where soil is good.

East on random line bet. Secs 26 & 35

Var. $14^{\circ}12' E.$

40.00

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

44.00

Point creek 100 lbs wide course S. E.

49.00

Dry wash 200 lbs wide course N.

65.60

Ascend Bank

70.00

Road course N. W.

80.04

Intersect the N. & S. line 5 lbs N. of cor. to Secs. 25, 26, 35 & 36.

from which I run.

N. $89^{\circ}58' W.$ on true line bet. Secs. 26 & 35

Var. $14^{\circ}12' E.$

T. S. N. R. 11. E. G. & S. R. M.

Chs

40.02 Set a post marked 1/4 S. 4 1/2 long flattened 3 ins. wide, with marked above, 12 ins. in the ground, and build end of stone 2 ft high, as per instructions for 1/4 Sec. cor. from which bears.

A Lycamore 16 ins. dia. N. 57 1/2° E. 97 lbs dist.

A Mesquite 8 ins. dia. S. 59 1/2° E. 139 lbs dist.

80.04 Cor. to Secs. 26. 27. 34 & 35.

In Bottom Soil good
Lycamore & Mesquite trees
along Creek.

North between Secs. 26 & 27.
Tar 14° 12' E.

17.20 A channel of Pinto Creek
100 lbs wide course S. E.

39.70 Another channel 40 lbs wide, course S. E.

4000 This comes in channel of Creek

N. 5. N. R. 11. E. G. & S. R. M.

chs

Set it 100 lbs N. for witness cor. to 1/4 Sec. cor. a post marked 1/4 S. 4 ft long flattened 3 ins. wide with marked stone 12 ins. in the ground, & build mid of earth 2 ft high, with pits 18+18+12 ins. as per instructions for 1/4 sec. cor. from which bears an Ash 6 ins. dia. S. 74 1/2 E. 63 lbs dist.

↓ A Cottonwood 16 ins. dia. N. 42 W. 148 lbs dist.

58.70

Road course N. W.

66.00

Leave Bottom & ascend mesa

76.00

Foot of hill and ascend.

80.00

at top of hill set quartzose rock 16+10+5 ins. 11 ins. in the ground, and build mid of stone 2 ft high with marked stone, 12 ins. in the ground, for cor. to Secs. 26, 27, 34 & 35. Crosses Pinto Creek bottom some good soil. Scattering trees & brush

T. S. N. R. H. E. G. & S. R. M.

- chs
- East on random line bet. Secs. 23 & 26.
Var. $14^{\circ}12'E$.
- 46.00 Set temporary $1/4$ Sec. cor.
- 80.20 Intersect the N & S. line 14 lks N.
of cor. to Secs. 25, 26, 35 & 36,
from which I run.
N. $89^{\circ}54' W$. on true line bet. Secs 23 & 26
Var $14^{\circ}12'E$.
- 40.10 Set Igneous rock 12+10+5 ins, 9 ins.
in the ground, & build up of
earth 2 ft high, with pits 18+18+12
ins. as per instructions for $1/4$ Sec. cor.
- 80.20 Cor. to Secs. 22, 23, 26 & 27.
Mesa land Soil 2^d rate
No timber.

North between Secs. 22 & 23.
Var. $14^{\circ}12'E$.

BOOK 28

T. S. N. R. 11. E. G. & S. R. M.

chs

Desceud

4000 Set Igneous rock $12 \times 11 \times 5$ ins. 8 in
in the ground, and build end
of earth 2 ft high, with pits.
 $18 + 18 + 12$ ins. as per instructions for
 $1/4$ sec. cor.

8000 Set Igneous rock $13 \times 10 \times 6$ ins. 9 ins
in the ground, and build end
of earth 2 ft high, with pits
 $18 + 18 + 12$ ins. as per instructions
for cor. to Secs. 14, 15, 22 & 23.
Mesa land Soil 2^d rate
No timber.

East on random line bet. Secs. 14 & 23.

Var. $14^{\circ} 12' E.$

4000 Set temporary $1/4$ Sec. cor.

80. 16 Intersect N & S. line 13 lks S. of
cor. to Secs. 13, 14, 23 & 24.

BOOK 28

S. 5. N. R. 11. E. G. & S. R. M.

Chs

from which I run.

S. $89^{\circ} 54'$ W. on true line bet. Secs 14 & 23Var. $14^{\circ} 12'$ E.

4008 Set Igueros rock $14 \times 10 \times 6$ ins.
9 ins. in the ground, and build
end of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per instructions
for $1/4$ sec. cor.

80.16 Cor. to Secs. 14, 15, 22 & 23
Mesa land, Broken
Soil 2^d rate
No timber.

North between Secs. 14 & 15.

Var. $14^{\circ} 12'$ E.

4000 Set Igueros rock $13 \times 11 \times 6$ ins. 9 ins.
in the ground, & build end of earth
2 ft high, with pits $18 \times 18 \times 12$ ins.
as per instructions for $1/4$ sec. cor.

N. 5 N. R. 11. E. G. & S. R. M.

chs.
80.00 Set Igneous rock 15x9+6 ins. 10 ins.
in the ground, and build end
of earth 2ft high, with pits,
18x18+12 ins. as per instructions
for cor. to Secs. 10, 11, 14 & 15.
Mesa land Soil 2^d rate
No timber

East on random line bet. Secs. 11 & 14
Var. 14° 12' E.

40.00 Set temporary 1/4 sec. cor.
80.18 Intersect the N. & S. line 17 lks S.
of cor. to Secs. 11, 12, 13 & 14.

from which I run
S. 89° 53' W. on true line bet. Secs. 11 & 14
Var. 14° 12' E.

40.09 Set Igneous rock 16x8x7 ins. 11 ins.
in the ground, and build end of
earth ^{with pits 18x18+12 ins.} 2ft high, as per instructions

N. 5. N. R. 11. E. G. & S. R. M.

chs

for 1/4 Sec. cor.
 80.18 cor. to Secs. 10, 11, 14, & 15.
 Mesa land, Soil 2 rate
 No timber.

Cont

North between Secs. 10 & 11.
 Var. 14° 12' E.

46.00 Set Igneous rock 13 x 11 x 5 ins.
 9 ins. in the ground, and build
 mid of earth 2 ft high ^{with pits 18 x 18 x 12 ins} as per
 instructions for 1/4 Sec cor.

80.00 Set Igneous rock 15 x 10 x 6 ins. 10 ins.
 in the ground and build mid
 of earth 2 ft high with pits
 18 x 18 x 12 ins. as per instructions
 for Cor. to Secs. 2, 3, 10 & 11.
 Mesa land Soil 2. d. rate
 No timber.

N. 5. N. R. 11. E. G. & S. R. M.

Ch₂

East on random line bet. Secs. 2 & 11
Var. $14^{\circ}12'E$.

46.00 Set temporary $1/4$ sec. cor.

80.13 Intersect the N & S. line of lps S.
of cor. to Secs. 1. 2. 11 & 12.
from which I run.

S. $89^{\circ}56'N$. on true line bet. Secs. 2 & 11
Var. $14^{\circ}12'E$.

40.06 Set Igneous rock $16 \times 8 \times 6$ ins. 11 ins.
in the ground & build mound
of earth with pits $18 \times 18 \times 12$ ins.
as per instructions for $1/4$ sec cor.

80.13 cor. to Secs. 2. 3. 10 & 11.

Mesa land Soil 2^d. rate
No timber.

North on random line bet. Secs. 2 & 3,
Var. $14^{\circ}12'E$.

T. 5. N. R. 11. E. G. & S. R. M.

- 40.00 Set temporary 1/4 Sec. cor.
- 55.00 Cross Wash of Greenback Creek corner W.
- 80.23 Intersect N. B. of Tp. 15 lks W. of cor.
to Secs. 2 & 3^{34 & 35} from which I run.
S. o. 7' W. on true line bet. Secs. 2 & 3.
Var. 14° 15' E.
- 40.23 Set Irons rock 14+10x5 ins. 9 ins.
in the ground, and build end of
earth 2 ft high, as per instructions
for 1/4 sec. cor. with pits 18+18+12 ins.
- 80.23 Cor. to Secs. 2, 3, 10 & 11.
Mesa land, Soil 2^d rate
No timber.

From the cor. to Secs. 33, 34 3 & 4 on
S. B. of Tp. I run.
North between Secs. 33 & 34.
Var. 14° 12' E.

BOOK 23

T. S. N. R. 11. E. G. & S. R. M.

chs

40.00 Set Igneous rock $14 \times 10 \times 5$ ins. 10
ins. in the ground, and build
ind of earth, with pits $18 \times 18 \times 12$ ins.
as per instructions for $\frac{1}{4}$ sec. cor.

80.00 Set Igneous rock $16 \times 9 \times 6$ ins. 11 ins.
in the ground, and build ind
of earth eff high, with pits $18 \times 18 \times 12$
ins. as per instructions for cor. to
secs. 27, 28, 33 & 34.

Broken Soil 2^d rate
No timber.

East on random line bet. Secs. 27 & 34.
Var. $14^{\circ} 12' E$.

37.00 Enter Mesquite bottom & leave mesa

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

79.92 Intersect N. & S. line 7 lks S. of cor.
to Secs. 26, 27, 34 & 35.

from which I run.

BOOK 28

T. S. N. R. 11. E. G. & S. R. M.

chs

S. $89^{\circ}57'$ W. on true line bet. Secs. 27 & 34
 Var. $14^{\circ}12'$ E.

39. 96 Set a post marked $1/4$ S. 4 ft long
 flattened 3 ins. wide, with marked
 stone, 12 ins. in the ground, and
 build rid of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per instructions
 for $1/4$ sec. cor. from which bears.
 A Mesquite 10 ins. dia. N. 49° E. 74 lks dist
 A Mesquite 10 ins. dia. S. $28\frac{1}{2}^{\circ}$ W. 80 lks dist.

79. 92 Cor. to Secs. 27. 28. 33 & 34.

Broken Soil 2^d rate
 Scattering trees.

May 9. 1881

North between Secs. 27. & 28.

Var. $14^{\circ}12'$ E.

as verified by observation with Solar Compass

35.00

Desced from Mesa.

BOOK 23

S. 5. N. R. 11. E. G. & S. R. M.

chs

40.00

This comes in a wash. I. therefore
 set post 150 lbs S. on bank for witness. cor.
 marked $\frac{1}{4}$ S. $4\frac{1}{2}$ ft long flattened 3 ins.
 wide, with marked stone 12 ins. in the
 ground, and build mid of earth
 $2\frac{1}{2}$ ft high, with pits 18+18+12 ins.
 as per instructions for $\frac{1}{4}$ Sec. cor.
 from which bears.

A Mesquite 7 ins. dia. S. 75° E. 123 lbs dist
 a Palo Verde 3 ins. dia. East. 20 lbs dist.

71.60 Tonto Creek 40 lbs wide come S. E.

80.00

Set apart marked & watched, $4\frac{1}{2}$
 long 4 ins sq, with marked stone
 12 ins. in the ground, and build
 mid of earth $2\frac{1}{2}$ ^{ft} ^{high}, with pits 18+18+12 ins.
 as per instructions for Cor. to Secs.

21. 22. 27 & 28. from which bears.

A Cottonwood 9 ins. dia. N. $38\frac{1}{2}^{\circ}$ W 44 lbs dist

A Cottonwood 13 ins. dia. N. $51\frac{1}{2}^{\circ}$ E. 67 lbs dist

A Cottonwood 14 ins. dia. N. 43° E. 121 lbs dist.

BOOK 28

P. 5. N. R. 11. E. G. & S. R. M.

chs

N. end in bottom. Soil good
Mesquite & cottonwood trees & brush.

East on random line bet. Secs. 22. & 27

Var. $14^{\circ} 12' E.$

24.25 Road course N. W.

40.00 Set temporary $1/4$ Sec. cor.

57.20 Road course N. W.

61.00 Leave mesquite bottom & ascend,

66.50 Top. slope.

79.98 Intersect the N. & S. line 10 lks. S. of
cor. to Secs. 22. 23. 26 & 27.

from which I run.

S. $89^{\circ} 56' N.$ on true line bet. Secs. 22 & 27

Var. $14^{\circ} 12' E.$

39.99 Set a post marked $1/4$ S. $4 \frac{1}{2}$ long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, & built
mid of earth $2 \frac{1}{2}$ high, with pits

BOOK 28

S. 5. N. R. 11. E. G. & S. R. M.

chs

18+18+12 ins. as per instructions
for 1/4 Sec. cor. from which bears.

a Cottonwood 15 ins. dia. S. 17° E. 270 lbs dist

a Cottonwood 36 ins. dia. N. 53 1/2° W. 250 lbs dist.

79.98 Cor. to Secs. 21, 22, 27 & 28.

Mostly in bottom good soil,
scattering trees.

North between Secs. 21 & 22.

Var. 14° 12' E.

20.00 Road corner S. E.

32.50 Leave Bottom & ascend mesa

35.00 Top mesa corner S. E.

40.00 Set quartzose rock 15+10+8 ins.

10 ins. in the ground, and brick,
mid of stone 2 1/2 high, as per inst.
sections for 1/4 Sec. cor. from which bears.

a Mesquite 3 ins. dia. N. 35° W. 38 lbs dist

a Mesquite 3 ins. dia. S. 68° E. 90 lbs dist.

N. 5. N. R. 11. E. G. & S. R. M.

Chs

80.00

along little gulch running S. E.
 Set a quartzose rock $16 \times 12 \times 12$ ins. 11 ins.
 in the ground, and build end of
 stone 2 ft high, with ~~occasional stone~~
~~12 ins. in the ground, as per inst.~~
 sections for cor. to Secs. 15. 16. 21 & 22
 This is just E. of Dry wash running
 N. of S.
 South end in bottom soil good,
 scattering trees.

East on random line bet. Secs. 15 & 22.
 Var. $14^{\circ} 12' E.$

40.00 Set temporary $1/4$ Sec. cor.

80.10 Intersect the N & S. line 9 lks. N.
 of cor. to Secs. 14. 15. 22 & 23.
 from which I run.

N. $89^{\circ} 56' W.$ on true line bet. Secs. 15 & 22.
 Var. $14^{\circ} 12' E.$ ✓

S. 5. N. R. 11. E. G. & S. R. M.

chs

- 40.05 Set Igneous rock $15 \times 9 \times 5$ ins. 10 ins. in the ground, and build end of earth 2 ft high, with pits $18 + 18 + 12$ ins. as per instructions for $1/4$ sec. cor.
- 80.10 Cor. to Secs. 15 & 16. 21 & 22.
Mesa land Soil 2^d rate
No trees.

North between Secs. 15 & 16.

Var. $14^{\circ} 12' E$.

- 40.00 Set Igneous rock $13 \times 10 \times 8$ ins. 9 ins. in the ground and build end of earth 2 ft high, with pits $18 + 18 + 12$ ins. as per instructions for $1/4$ sec. cor.
- 80.00 Set Feldspathic rock $12 \times 8 \times 7$ ins. 8 ins. in the ground, and build end of earth 2 ft high, with pits $18 + 18 + 12$ ins. as per instructions for.
Cor to Secs. 9, 10, 15 & 16.

BOOK 29

T. 5. N. R. 11. E. G. 4 S. R. M.

Chs

Mesa land Soil 2^d rate
No timber.

East on random line bet. Secs. 10 & 15.
Var. $14^{\circ} 12' E$.

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

79.88 Intersect the N & S. line, 19 lps. N. of
cor. to Secs. 10, 11, 14, 15, from which I run
N. $89^{\circ} 52' W$. on true line bet. Secs. 10 & 15.
Var. $14^{\circ} 12' E$.

39.94 Set Peldspethic rock $14+8+5$ ins.
10 ins. in the ground, and build
end of earth 2 ft high, with pits
 $18+18+12$ ins. as per instructions for
 $\frac{1}{4}$ Sec. cor.

79.88 Cor. to Secs. 9, 10, 15 & 16.
Mesa land Soil 2^d rate
No timber.

BOOK 28

N. 5. N. R. 11. E. G. & S. R. M.

chs

North between Secs. 9 & 10.

Var. $14^{\circ} 12' E.$

46.00 Set Igneous rock $12 \times 10 \times 5$ ins. 8 ins.
in the ground, and build md of
earth 2 ft high, with pits $18 \times 18 \times 12$ ins.
as per instructions for $1/4$ sec. cor.

80.00 Set Igneous rock $11 \times 8 \times 7$ ins. 8 ins.
in the ground, and build md of
earth 2 ft high, with pits $18 \times 18 \times 12$ ins.
as per instructions for cor. to Secs.

3, 4, 9, & 10.

Mesa land, Soil 2^d rate
No timber, some brush.

East on random line bet. Secs. 3 & 10.

Var. $14^{\circ} 12' E.$

40.00 Set temporary $1/4$ Sec. cor.

79.80 Intersect the N & S. line 20 lps N.

BOOK 28

T. 5 N. R. 11. E. G. & S. R. M.

Chs

of cor. to Secs. 2, 3, 10 & 11, from which
I run.

N. $89^{\circ} 51' W$. on true line bet. Secs. 3 & 10.
Var. $14^{\circ} 12' E$.

39.90 Set aqueous rock $12 \times 10 \times 6$ ins. 8 ins.
in the ground, and build end of
earth 2 ft high, with pits $18 \times 18 \times 12$
ins. as per instructions for $1/4$ sec. cor.

79.80 Cor. to Secs. 3, 4, 9 & 10
Over mesa land, soil poor.
No timber, some brush.

North on random line bet. Secs. 3 & 4.
Var. $14^{\circ} 12' E$.

40.00 Set temporary $1/4$ Sec. cor.

66.00 Cross Wash of Greenback Creek

79.91 Intersect the N. B. of Tp. 12 Eps
N. of cor. to Secs. 33, 34, 3 & 4.
from which I run

BOOK 28

T. 5. N. R. 11. E. G. & S. R. M.

chs

S. $0^{\circ}5'$ W. on town line bet. Secs. 3 & 4.

Var. $14^{\circ}12'$ E

39.91 Set Iron pins, each $15 \times 9 \times 6$ ins. 10 ins. in the ground, and build mound of earth 2 ft high, with pits $18 \times 18 \times 12$ ins. as per instructions for $\frac{1}{4}$ Sec. Cor.

79.91 Cor. to Secs. 3, 4. 9×10 .
Some broken mesa land,
Soil poor.

✓ Scattering trees along Wash of Greenback creek.

The cor. to Secs. 32, 33, 4 & 5, on the S. B. of Tp. is not set owing to the land being unurveyable as from the Cor. to Secs. 27, 28, 33 & 34.
Iron.

West on town line bet Secs. 28 & 33.

Var. $14^{\circ}12'$ E.

N. 5. N. R. 11. E. G. & S. R. M.

chs

40.00

Set Igneous rock $14 \times 8 \times 6$ ins. 10 ins. in the ground, and build end of earth $2\frac{1}{2}$ ft high, with pits $18 \times 18 \times 12$ ins. as per instructions for $\frac{1}{4}$ sec. cor.

80.00

Set Igneous rock $12 \times 7 \times 7$ ins. 8 ins. in the ground, and build end of earth $2\frac{1}{2}$ ft high, with pits $18 \times 18 \times 12$ ins. as per instructions for cor. to secs. 28. 29. 32 & 33.

Descend N. E. broken
Soil poor. No timber.

North between Secs. 28 & 29.

Var. $14^{\circ} 12' E$.

40.00

Set Feldspathic rock $12 \times 10 \times 8$ ins. 8 ins. in the ground, and build end of earth $2\frac{1}{2}$ ft high, with pits $18 \times 18 \times 12$ ins. as per instructions

BOOK 28

N. S. N. R. 11. E. G. & S. R. M.

cho

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

75.00 Descend from high mesa S. E.

80.00 Set a post marked & notched 4 ft
long 4 ins. sq. with marked stone
12 ins. in the ground, and
build end of stone 2 ft high, as
per instructions for. Cor. to Secs.
20.21. 28 & 29.

On mesa some broken, soil
2^d rate,

No timber.

East on random line bet. Secs. 21 & 28.

Var. $14^{\circ}12'$ E.

18.25 Ponto Creek 100 lbs wide, come S. of E.

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

80.06. Intersect the N. & S. line 11 lbs N. of
cor. to Secs. 21.22.27 & 28.

from which I run.

BOOK 28

S. 5. N. R. 11. E. G. & S. R. M.

chs

N. $89^{\circ}55'$ W. on true line bet. Secs 21 & 28
 Var. $14^{\circ}12'$ E.

- 40.03 Set a post marked $\frac{1}{4}$ S. 4 ft long
 flattened 3 ins. wide, with marked
 stone 12 ins. in the ground, and
 build up of earth 2 ft high, with
 pits 18 + 18 + 12 ins. as per instructions
 for $\frac{1}{4}$ Sec. cor. from which bears
 a Mesquite 4 ins. dia. North 105 lbs dist
 a Mesquite 5 ins. dia. S. 82° E. 101 lbs dist.

80.06 Cor. to Secs. 20, 21, 28, 29.

In bottom some good soil
 Mesquite & Cottonwood all along.
 May 10. 1881.

North between Secs. 20 & 21.

Var. $14^{\circ}12'$ E.

6.00 Tonto Creek 45 lbs wide course S. E.

N. 5. N. R. 11. E. G. & S. R. M.

Chs

40.00

Set a post marked $1/4$ S. 4 ft long
flattened 3 ins. wide, with marked
stone, 12 ins. in the ground, and
build end of earth 2 ft high, with
pits 18 + 18 + 12 ins. as per instructions
for $1/4$ sec. cor. from which bears.
a Sycamore 8 ins. dia. S. $69\frac{1}{2}^{\circ}$ E. 149 lbs dist.
a Sycamore 10 ins. dia. N. 88° W. 79 lbs dist.
This is on N. Side of acequia running E.

41.50

Bank E & W.

80.00

Set Igueron rock 15 + 12 + 9 ins. 10 ins
in the ground, and build end of
stone 2 ft high as per instructions
for Cor. to Secs. 16. 17. 20 + 21.
Along Tonto Creek Bottom
Some good soil,
Sycamore, Cottonwood Mesquite
& Willow along Creek

S. 5. N. R. 11. E. G. & S. R. M.

chs

East on random line bet. Secs. 16 & 21.

Var. $14^{\circ}12' E$.

1.20 Road runs N.

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

✓ 79.95 Intersect N. & S. line 21 lks S. of
cor. to Secs. 15, 16, 21 & 22.

from which I run.

S. $89^{\circ}57' W$. on true line bet. Secs. 16 & 21.

Var. $14^{\circ}12' E$.

✓ 39.97 Set Igneous rock 15 + 12 + 9 ins. 10 ins.

in the ground, and build end
of stones 2 ft high, with marked
stone 12 ins. in the ground, as per
instructions for $\frac{1}{4}$ sec. cor.

79.95 Cor. to Secs. 16, 17, 20 & 21.

On mesa Soil 2^d rate

No timber.

T. 5. N. R. 11. E. G. 4 S. R. M.

chs

North between Secs. 16 & 17.
 Var. $14^{\circ} 12' E$.

3.80 Road runs N. of N.

40.00 Set quartzose stone $15 \times 8 \times 5$ ins.
 10 ins. in the ground, and build
 end of earth 2 ft high with pits
 $18 \times 18 \times 12$ ins. as per instructions
 for $1/4$ sec. cor. from which bears
 a *Pesotobius* dia. S. $8^{\circ} W$. 161 lks dist.

80.00 ^{Set} Quartzose stone $15 \times 12 \times 8$ ins. 10 ins.
 in the ground, and build end
 of stone 2 ft high, with marked
 stone 12 ins in the ground, as per
 instructions for cor. to Secs.
 8, 9, 16 & 17.

One mesa mostly level
 Soil some good
 No timber.

N. S. R. R. 11. E. G x S. R. M.

chs

East on random line bet. Secs 9 & 16.
Var. $14^{\circ} 12' E.$

40.00 Set temporary $1/4$ sec. cor.

80.19 Intersect the N x S. line 15 lks
S. of cor. to Secs. 9, 10, 15 & 16.
from which I run.

S. $89^{\circ} 54' W.$ on true line bet. Secs. 9 & 16
Var. $14^{\circ} 12' E.$

40.09 Set Igneous rock $12 \times 9 \times 8$ ins. 8 ins.
in the ground, and build ind
of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per instructions
for $1/4$ sec. cor.

80.19 Cor. to Secs. 8, 9, 16 & 17.
Mesa land Soil 2^d. rate
No timber.

BOOK 23

T. 5. N. R. 11. E. G. & S. R. M.

chs

North between Secs. 8 & 9.

Var. $14^{\circ}12'E$.

40.00 Set Igneous rock $11 \times 10 \times 6$ ins. 8 ins. in the ground, and build mound of earth 2 ft high, with pits $18 \times 18 \times 12$ ins. as per instructions for 44 Sec. cor.

80.00 Set quartzose rock $16 \times 8 \times 6$ ins. 11 ins. in the ground, and build mound of stone 2 ft high, with marked stone 12 ins. in the ground, as per instructions for Cor. to Secs. 4, 5, 8 & 9.
Over flat Mesa, Soil 2^d rate
No timber.

East on random line bet. Secs. 4 & 9

Var. $14^{\circ}12'E$.

N. 5. N. R. 11. E. G. & S. R. M.

chs

- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
 80.07 Intersect N. & S. line 18 lbs N.
 of cor. to Secs. 3, 4, 9 & 10.
 from which I run.
 N. 89. 52' W. on true line bet. Secs. 4 & 9.
 Var. $14^{\circ} 12' E$.
- 40.03 Set Igneous rock $12 + 9 + 8$ ins. 8 ins.
 in the ground, and build up
 of earth 2 ft high, with pits
 $18 + 18 + 12$ ins. as per instructions.
 for $\frac{1}{4}$ sec. cor.
- 80.07 Cor. to Secs. 4, 5, 8 & 9.
 Mesa land, Soil 2^d rate
 No timber.

North on random line bet. Secs. 4 & 5.

Var. $14^{\circ} 12' E$.

- 1.00 Descend into valley of Greenback
 Creek course S. of W.

BOOK 23

T. 5 N. R. 11. E. G. & S. R. M.

- Chs
- 5.00 Foot of descend.
- 14.20 Road runs up Greentack valley
course N. E.
- 18.40 Greentack Creek dry ^{100 lbs wide} course N. E.
- 28.00 Leave Greentack Valley and
ascend mesa.
- 30.60 Top of Mesa.
- 40.00 Set temporary 1/4 Sec. cor.
- 79.45 Intersect N. B. of T_p. 31 lks E.
of cor. to Secs. 4 & 5, ^{32 & 33} from
which I run.
- S. O. 13 E. on true line bet. Secs. 4 & 5.
- 39.45 Set quartzose rock ^{Var. 14' 12' E.} 18 x 10 x 8 ins.
12 ins. in the ground, and build
rod of stone 2 ft high as per
instructions for 1/4 Sec. cor.
- 79.45 Cor. to Secs. 4, 5, 8 & 9.
Mesa land, Soil 2^d rate
No timber, ^{some} brush

N. S. R. R. 11 E. G. & S. R. M.

chs

The land to the S & W. of the Cor. to Secs. 28, 29, 32 & 33, is not surveyable, so from the cor. to Secs. 20, 21, 28 & 29, 9 m.

Went on true line bet. Secs. 20 & 29.

Var. $14^{\circ} 12' E.$

Leave Creek bottom & ascend.

4000 Set Igneous rock, $14 \times 11 \times 7$ ins. 10 ins. in the ground, and build end of earth 2 ft high, with pits $18 \times 18 \times 12$ ins. as per instructions for 1/4 sec. cor.

8000 Set Igneous rock $15 \times 8 \times 6$ ins. 10 ins. in the ground, and build end of earth 2 ft high, with pits $18 \times 18 \times 12$ ins. for cor. to Secs. 19, 20 & 29 & 30. as per instructions.

Ascending W. broken Soil poor. No timber, most of this the land is worthless, & not surveyable

BOOK 28

N. 5. N. R. 11. E. G. & S. R. M

chs

North between Secs. 19 & 20.

Var. $14^{\circ}12' E.$

40.00 Set Igneous rock $15 \times 10 \times 6$ ins.
10 ins. in the ground, and build
mid of earth 2 ft high, with
pits $18 \times 18 \times 12$ ins. as per instructions
for $1/4$ sec. cor.

80.00 Set Igneous rock $20 \times 14 \times 8$ ins.
15 ins. in the ground, and build
mid of stone as per instructions.
for cor to Secs. 17, 18, 19 & 20
from which bears.

A Mesquite 8 ins. dia. S. $56^{\circ} W.$ 162 lbs. dist
Broken Soil 2^d rate
Scattering trees & brush.

East on random line bet. Secs. 17 & 20.

Var. $14^{\circ}12' E.$

N. 5. N. R. 11. E. G. & S. R. M.

- Chs
 15.00 Leave mesa & enter bottom
 32.50 Into Creek 50 paces S. E.
 40.00 Set temporary 1/4 Sec. Cor.
 50.00 Leave bottom course S. E.
 80.00 Intersect N & S line 13 lbs N. of
 cor. to Secs. 16. 17. 20 & 21 from
 which I run.

N. $89^{\circ}54'$ W. on true line bet. Secs. 17 & 20
 Var. $14^{\circ}12'$ E.

- 40.04 Set a post marked 1/4 S. 4 ft long
 flattened 3 ins. wide, with marked
 stone, 12 ins. in the ground, and
 build end of earth 2 ft high, with
 pits 18 + 18 + 12 ins. as per instructions
 for 1/4 sec. cor. from which bears
 a Cottonwood 12 ins. dia. S. 88° E. 58 lbs dist
 a Cottonwood 14 ins. dia. S. 11° W. 63 lbs dist.
 80.00 Cor. to Secs. 17. 18. 19 & 20.
 Mostly in bottom good soil.
 some timber, along Creek.

BOOK 28

T. S. N. R. 11. E. G. & S. R. M.

chs

West on random line bet. Secs. 18 & 19
 Var. $14^{\circ} 12' E.$

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

79.49 Intersect W. B. of Tp. 10 lps S. of cor
 to Secs. 18. & 19. from which I run
^{13 & 24}
 $S. 89^{\circ} 56' E.$ on true line bet. Secs. 18 & 19.

Var. $14^{\circ} 12' E.$

39.49 Set 2queens rock $16 \times 8 \times 6$ ins. 11 ins.
 in the ground, and build mound of
 earth 2 ft high, with pits $18 \times 18 \times 12$
 ins. as per instructions* for $\frac{1}{4}$ Sec. cor.

79.49 Cor. to Secs. 17, 18, 19, & 20.

Broken Soil poor.

No timber, some brush.

May 11, 1881.

North between Secs. 17 & 18.

Var. $14^{\circ} 15' E.$

as per observation with Solar Compass

T. 5. N. R. 11. E. G. + S. R. M.

chs

this makes an angle of 3° with line
last run.

35.00 Descend from mesa & enter bottom

40.00 A cottonwood 6 ins. dia. marked for
 $\frac{1}{4}$ Sec. cor. from which bears.

a cottonwood 4 ins. dia. South 56° lbs dist.

a cottonwood 5 ins. dia. South 70° W. 41 lbs dist.

60.00 Part Creek 100 lbs wide course S. E.

80.00 Set a post marked & notched $4\frac{1}{2}$ long
4 ins. sq. with marked stone 12 ins. in

the ground, and build end of stone
2 ft high as per instructions for cor.

to Secs. 7, 8, 17 & 18, from which bears

a cottonwood 6 in. dia. N. 54° E. 156 lbs dist.

a cottonwood 7 ins. dia. N. 43° W. 169 lbs dist.

Mostly in Bottom.

good soil.

Some timber along Bottom.

T. S. N. R. 11. E. G. & S. R. M.

Chs

East on random line bet. Secs. 8 & 17.

Var. $14^{\circ}15' E.$

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

55.20 Road corner N.

56.00 Leave Mesquite flat & enter mesa

72.00 Top of mesa.

79.96 Intersect N & S. line 10 lbs S. of
cor. to Secs. 8, 9, 16, & 17, from
which I run.

S. $89^{\circ}56' N.$ on true line bet. Secs. 8 & 17

Var. $14^{\circ}15' E.$

39.98 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and
build end of earth $\frac{1}{2}$ ft high, with
pits $18 \times 18 \times 12$ ins. as per instructions
for $\frac{1}{4}$ sec cor. from which bears.
a mesquite 5 ins. dia N. $41^{\circ} E.$ 50 lbs dist.
a mesquite 9 ins. dia. S. $37^{\circ} N.$ 220 lbs dist.

79.96 Cor. to Secs. 7, 8, 17, & 18.

N. 5 N. R. 11. E. G. & S. R. M.

chs

Mostly in bottom some good soil, some timber along Bottom.

West on random line bet. Secs. 7 & 18.
Var. $14^{\circ} 15' E$.

- 8.80 Porto Creek 50 lbs wide corner S.
11.00 Leave Bottom and ascend broken mesa.
40.00 Set temporary $1/4$ Sec. cor.
79.40 Intersect W. B. of $\frac{1}{4}$ Sec. 9 lbs S. of cor.
to Secs. 7 & 18, ^{12 & 13} from which I run
S. $89^{\circ} 56' E$. on true line bet. Secs. 7 & 18.
Var. $14^{\circ} 15' E$.

- 39.40 Set Igneous rock $14 \times 9 \times 6$ ins. 10 ins.
in the ground & build end of
earth $2\frac{1}{2}$ high, with pits $18 \times 18 \times 12$
ins. as per instructions for $1/4$ Sec. cor.
79.40 Cor. to Secs. 7, 8, 17 & 18.
End in Bottom good soil.
then 2^d rate. Scattering trees.

S. 5. N. R. 11. E. G. & S. R. M.

- Chs
- North between Secs. 74 & 8.
 Var. $14^{\circ}15' E.$
- 37.00 Channel of Pinto Creek 100 lbs outside
 corner S of W.
- 40.00 Set a post marked $1/4 S.$ 4 ft long
 flattened 3 ins. wide, with marked
 stone 12 ins. in the ground, and
 build up of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per instructions
 for $1/4$ sec. cor. from which bears.
 A Sycamore 9 ins. dia. S. $78^{\circ} E.$ 89 lbs dist
 an Ash 9 ins. dia. S. $16\frac{1}{2}^{\circ} E.$ 110 lbs dist.
- 56.00 Pinto Creek coming from N. and
 flowing E of S. Set a post for
 witness point. Follow along wash
 of Creek.
- 80.00 Comes in Wash of Creek Set
 a post 180 lbs E. for witness. cor.
 marked & notched 4 ft long
 4 ins. sq. with marked stone

BOOK 28

T. 5 N. R. 11. E. G. & S. R. M.

chs

12 ins. in the ground, and build
 end of stone 2 ft high, as per
 sections for Cor. to Secs. 5, 6, 7 & 8,
 from which bears.

a. Arariso 4 ins. dia S. $31\frac{1}{2}^{\circ}$ E. 152 lbs dist
 a. Willow 5 ins. dia. East 36 lbs dist.

In bottom along wash mostly
 good land, some timber
 along Creek.

From the place for the Cor. to Secs. 5, 6, 7 & 8
 East on random line bet. Secs. 5 & 8.

Var. $14^{\circ} 15' E.$

- 16.00 Fence and enter enclosure come N. & S.
 27.20 Irrigating ditch corner S. W.
 27.60 Brush fence & bank S. W. & N. E.
 and leave enclosure.
 29.25 Road come N. E.
 31.00 Shaws house 5 chs. N.
 33.40 Road W. of N.

T. 5 N. R. 11 E. G. & S. R. M.

chs

- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
- 61.00 Dry wash of Greenback Creek
Sof W. 50 lks wide.
- 75.50 Leave Bottom & ascend Mesa.
- 80.18 Intersect N & S. line 29 lks S. of cor.
to Secs. 4, 5, 8, & 9, from which I run
S. $89^{\circ}48'W$. on true line bet. Secs. 5 & 8.
Var. $14^{\circ}15'E$.
- 40.09 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and
build mid of earth 2 ft. high,
with pits 18+18+12 ins. As per
instructions for $\frac{1}{4}$ Sec. cor.
from which bears.
a Post 4 ins. dia. N. $23\frac{1}{2}^{\circ}W$. 55 lks dist
a Post 3 ins. dia. N. $86\frac{1}{2}^{\circ}W$. 72 lks dist.
80.18 ^{the place of the} Cor. to Secs. 5, 6, 7, & 8.
Mostly in Bottom some good
land, Cottonwood & under-

BOOK

28

T_{p.} 5 N. R. 11. E. G. & S. R. M.

chs

growth & magnitude.

From the place of the cor. to Secs. 5, 6, 7 & 8 I run

+ West on random line bet. Secs 6 & 7.
Var. $14^{\circ} 15' E.$ 15.00 Leave Creek bottom &
ascend mesa.

17.50 Top of mesa

40.00 Set temporary $\frac{1}{4}$ Sec. cor.49.42 Intersect W. B. of T_{p.} 23 l_{ts} N.
of cor. to Secs. 6 & 7 ¹²₁₂ from which
I run.N. $89^{\circ} 50' E.$ on true line bet. Secs. 6 & 7.
Var. $14^{\circ} 15' E.$ 39.42 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground &
build mid of stone 4 ft high,
as per instructions for $\frac{1}{4}$ Sec. cor.
from which bears.

BOOK 28

T. 5. N. R. 11. E. G. & S. R. M.

Chsa mesquite 8 ins. dia. $S. 32^{\circ} E.$ 181 lbs dista mesquite 4 ins. dia. $S. 34^{\circ} E.$ 323 lbs dist.49.42 ^{To the place of the} Cor. to Secs. 5, 6, 7, & 8.

Mostly flat mesa

Soil 2^d rate

Scattering trees.

From the place of the cor. to Secs. 5, 6, 7 & 8 runs

North on random line bet. Secs 5 & 6.

 $Var. 14^{\circ} 15' E.$

4.00 Leave Pinto Creek course E. of S.

4.00 Set temporary $1/4$ Sec. cor.

54.30 Road course N. W.

55.00 Ditch course S. E.

57.15 Fence N of E. and enter cultivated field.

62.00 a house 500 lbs W.

63.00 a Ditch course S. E.

63.75 Fence course S. E. & leave field

79.70 Intersect the N. B of Sp.

N. 5 N. R. 11. E. G. & S. R. M.

chs

9 lks N. of cor. to Secs. 5, 6, 31 & 32
from which I run.

So. 4' N. on true line bet. Secs. 5 & 6.

Var. $14^{\circ} 15' E$.

39.70 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground & build
mid of earth 2 ft high, with pit
18 x 18 x 12 ins. as per instructions
for $\frac{1}{4}$ sec. cor. from which been.

An Ash 4 ins. dia. S. $39^{\circ} 14' E$. 228 lbs dist.

A Mesquite 4 ins. dia. N. $64^{\circ} E$. 228 lbs dist.

79.70 ^{To the place of the}
Cor. to Secs. 5, 6, 7 & 8.

Along Creek bottom, Soil good
Ash, Mesquite & Cottonwood,
along Creek.

May 12, 1881.

General Description.

Sp. 5 N. R 11 E. lies along
 Pinto Creek. There is some
 good bottom land along the
 Creek. Outside of the
 Creek bottom the portion
 of the township surveyed
 is on mesa land, where
 the land is of 2^d rate or poor
 quality. There is considerable
 timber along Creek.
 The N. E. cor. and S. W. cor.
 of township are worthless
 and I did not survey them

Theodore F. White
 U. S. Deputy Surveyor