

No-37

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

Fractional

Township *6 N* Range *11 E*

Gila and Salt River Base and Meridian

ARIZONA.

By *Theo. F. White* D. S.

under contract dated *Aug 27 1880*

Survey commenced *May 13 1881*

Survey completed *May 13 1881*

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Field Notes

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Township *6 N.*

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Range *11 E.*

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Gila and Salt River Meridian.

ARIZONA.

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Township 6 North. Range 11 East
Gila & Salt River Meridian.
chs

The greater part of T^p 6 N. R 11. E.
is barren & worthless and not
surveyable, The only portion that
is of any value, is in the S. W. cor.
along Pinto Creek valley.

From the cor. to Secs. 33 & 34. 344.
(which is as far East as there is any
surveyable land,) I run
North between Secs. 33 & 34.

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

As per observation with Solar Compass.
This is the variation of the South
Boundary. I use the same
instrument in subdividing the
T^p. that I used in running the
exterior, which is a Burt's
improved Solar Compass.

40.00 Set Iron rock 14x8x6 ins. 10 ins.
in the ground, and build up
of earth 2 ft high, with pits 18x18x12

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

cls

80.00 Set Igueron rock $16 \times 9 \times 5$ ins. 11 ins.
in the ground, and build wd
of earth 2 ft high with pits $18 \times 18 \times 12$
ins. as per instructions for cor. to Secs.
27. 28. 33 & 34.

Mesa land Soil poor
No timber.

There is no surveyable land
N. of this.

From the Cor. to Secs. 32, 33, 4 & 5 on S. Boundary. I run
North between Secs. 32 & 33
Var. $14^{\circ} 15' E$.

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

80.00 Set Igueron rock $16 \times 8 \times 8$ ins. 11 ins. in
the ground, and build wd of earth

T. 6 N. R. 11. E. G. & S. R. M.

chs

2 ft high, with pits 18+18+12 ins.
as per instructions for Cor. to Secs.
28. 29. 32. & 33.

Mesa land, Soil 2^d rate
No timber.

East on random line bet. Secs. 28. & 33.

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

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

79.98 Intersect N & S. line 4 lks N. of
cor. to Secs. 27. 28. 33 & 34.

from which I run.

N. $89^{\circ}58'W$. on true line bet. Secs. 28 & 33.

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

39.99 Set Igneous rock 14+10x6. 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.

N. 6. N. R. 11. E. G. & S. R. M.

Chs

79.98 Cor. to Secs. 28, 29, 32 & 33.
Mesa land Soil poor.
No timber.

North between Secs. 28 & 29.
Var. $14^{\circ} 15' E$.

40.00 Set Igneous rock $14 \times 10 \times 5$ 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 Igneous rock $13 \times 11 \times 6$ ins. 9 ins. in
the ground, and build end of
earth $2\frac{1}{4}$ ft high, with pits $18 \times 18 \times 12$
ins. as per instructions for Cor. to
Secs. 20, 21, 28 & 29.
Mesa broken, Soil poor.
No timber some brush

T. 6 N. R. 11. E. G. & S. R. M.

chs

May 12, 1881

There is no surveyable land,
N. of this.

From the Cor. to Secs. 31 & 32, 5 & 6 on S. Boundary, I run
North between Secs. 31 & 32.

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

6.00 Leave Mesquite flat and
ascend Mesa.

38.00 Top of second bench of Mesa.

40.00 Set Igneous rock $12 \times 6 \times 6$ ins. 8 ins.
in the ground & build mound
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 bor.
a Mesquite 8 ins. dia. S. $48^{\circ} W$. 91 lks dist.

80.00 Set Quartzose rock $15 \times 10 \times 8$ ins. 10 ins
in the ground, and build
mound of stone $\frac{1}{2}$ ft high, with
smashed stone 22 ins. in the

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

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ground, as per instructions for
Cor. to Secs. 29, 30, 31 & 32.

Mostly flat mesa.

Soil 2^d rate

No timber except on S. end.

East on random line bet. Secs. 29 & 32

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

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

80.04 Intersect N & S line 6 lks S. of
cor. to Secs. 28, 29, 32 & 33
from which I run.

S. $89^{\circ}57'$ Now true line bet. Secs. 29 & 32

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

40.03 Set aqueous rock $12 \times 8 \times 8$ ins. 8 ins.

in the ground, and build up
of earth 2 ft high, with pits

$18 \times 18 \times 12$ ins. as per instructions

T. 6. N. R. 11. E. G. & S. R. M.

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for $\frac{1}{4}$ sec. cor.
 80.07 Cor. to Secs. 29, 30, 31 & 32.
 Mesa land broken Soil poor.
 No timber.

West on random line bet. Secs. 30 & 31
 Var. $14^{\circ}15' E$.

- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
 70.00 Descend into flat br S & W.
 76.00 Dry Wash 200 lbs wide course S. W.
 79.00 Bluff bank course S. W.
 79.49 Intersect the W. B. of Tp. 3 lbs
 N. of cor. to Secs. 30. & 31. 25 & 36
 from which I run.
 N. $89^{\circ}59' E$ on true line bet. Secs. 30 & 31
 Var. $14^{\circ}15' E$.
- 39.49 Set Quartzite rock $16 \times 12 \times 8$ ins. 11 ins.
 in the ground, and build road
 up stone up high, with overbed

S. 6. N. R. 11. E. G. & S. R. M.

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stone 12 ins. in the ground,
as per instructions for 1/4 Sec
cor. from which bears.

Almequit 4 ins. dia. N. 11° E. 252 lks dist.

79.49 Cor. to Secs. 29, 30, 31, 32.

Flat some good soil.

Scattering trees.

North between Secs. 29 & 30.

Var. 14° 15' E.

40.00 Set Igneous rock 14 x 8 x 7 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 1/4 sec. cor.

80.00 Set Igneous rock 15 x 7 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

T. 6. N. R. 11. E. G. & S. R. M.

chs

for cor. to Secs. 19. 20. 29. 30.
Mesa land Soil 2^d. rate
No timber.

East on random ^{line} bet. Secs. 20 & 29.
Var. $14^{\circ} 15' E$.

4600 Set temporary $\frac{1}{4}$ Sec. cor.

80.04 Intersect N & S. line 7 lks. N. of
cor. to Secs. 20. 21. 28. 29.
from which I run.

N. $89^{\circ} 57' W$. on true line bet. Secs. 20 & 29.
Var. $14^{\circ} 15' E$.

40.02 Set Igneous rock $15 \times 12 \times 7$ ins. 10 ins.
in the ground & build ind of
earth $\frac{2}{3}$ high, with pits $18 \times 18 \times 12$
ins. as per instructions for $\frac{1}{4}$ Sec.
Cor.

80.04 Cor. to Secs. 19. 20. 29 & 30

N. 6 N. R. 11. E. G. & S. R. M.

Obs

Mesa land broken soil poor.
No timber.

West on random line bet. Secs. 19 & 30

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

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

79.40 Intersect the W. B. of Sp. 8 lps S.
of cor. to Secs. 19 & 30. 24 & 25
from which I run.

S. $89^{\circ} 57' E.$ on true line bet. Secs. 19 & 30

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

⁺ 39.40 Set Igneous rock $12 \times 9 \times 7$ ins. 8 ins.
in the ground & build end of
earth 2 ft high with pits $18 \times 18 \times 12$
ins. as per instructions for $\frac{1}{4}$
see cor.

79.40. Cor. to Secs. 19. 20. 29. & 30.
Mesa land, flat soil 2. ^{1/2} ft.
No timber.

S. 6. N. R. 11. E. G. & S. R. M.

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North between Secs. 19 & 20.
 Var. $14^{\circ} 15' E$.

46.00 Set Igneous rock, $14 \times 7 \times 5$ 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 $16 \times 8 \times 8$ ins. 11 ins
 in the ground, and build mid
 of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per instructions
 for cor. to Secs. 17, 18, 19, & 20.
 Mesa land some broken
 soil poor. No timber.

West on random line bet. Secs. 18 & 19
 Var. $14^{\circ} 15' E$.

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

N. 6. N. R. 11. E. G. & S. R. M.

chs

79.45 Intersect the W. B. of Sp. 9 lks S.
of cor. to Secs. 18. 19. 13 & 24.
from which I run.

S. $89^{\circ}56'$ E. on true line bet. Secs. 18 & 19.

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

39.45 Set Igneous rock $12 \times 10 \times 8$ ins. 8 in
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.

79.45 Cor. to Secs. 17. 18. 19 & 20.

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

North between Secs. 17 & 18

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

4000 Set Igneous rock $17 \times 12 \times 5$ ins.
12 ins. in the ground, and
build mid of earth 2 ft high

N. 6 N. R. 11. E. G. & S. R. M.

chs

with pits 18+18+12 ins. as per instructions. for $\frac{1}{4}$ sec. cor.

80.00 Set Igneous rock 15+11+5 ins.
10 ins. in the ground, and build
mid of earth 2 ft high, with pits
18+18+12 ins. as per instructions.
for cor. to Secs. 7, 8, 17, & 18.
Mesa land Soil poor.
No timber.

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

40.00 Set temporary $\frac{1}{4}$ sec. cor.
79.39 Intersect the W. B. of Sp. 12 lbs
S. of cor. to Secs. 7, 12, 13, 18.
from which I run,
S. $89^{\circ} 55' E$. on true line bet. Secs. 7 & 18
Var. $14^{\circ} 15' E$.

T. 6 N. R. 11. E. G. & S. R. M.

chs

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

79.39 Cor. to Secs. 7. 8. 17. & 18.
Mesa land some broken
Soil poor.
No timber.

Further N. & E. the land is
worthless and not
surveyable

May 13. 1881

General Description.

The greater part of this township is broken mesa, & hill land utterly barren & worthless.

The only portion which has any value and which I surveyed is in the S. W. cor. along Porto Creek valley, here there is some good land.

Theodore J. White
U. S. Deputy Surveyor.

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List of Names.

A List of the Names of Individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing Field Notes of the survey of

The Subdivision lines of Fractional T. 5 N. R. 11 E. and the subdivision lines of Fractional T. 6 N. R. 11 E. of the Gila and Salt River Meridian and Base lines.

Showing the respective capacities in which they acted.

Richard Shrope Chainman.

Samuel N. Van Pelt Chainman.

Frank Carpenter Axeman.

C. H. Patchett Flagman.

William Morrison, Munduan



BOOK 37 Final Oath of Assistants.

We hereby certify that we assisted Thodore
J. White U. S. Deputy Surveyor, in surveying
 the Subdivision lines of
 Fractional T. 5 N. R. 11 E.
 and the Subdivision lines of
 Fractional T. 6 N. R. 11 E.
 of the 9th and 10th Range
 Meridian & Base lines

and that said Survey has been in all respects, to the best of our
 knowledge and belief, well and faithfully executed, and the
 boundary monuments planted according to the instructions
 furnished by the Surveyor-General.

Richard Shroff Chainman.

Jam. Y. Van Fleet Chainman.

Frank Carpenter Axeman.

Chas. Patchitt Flagman.

William Morrison
 Moundman

Sworn to and subscribed before me, this

day of September 1881

William J. Osburn
 Notary Public
 Minn Co. at

Final Oath of Deputy Surveyor.

I, Theodore J. White

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person and with the necessary assistants, well, truly and faithfully executed the survey of

the subdivision lines of Fractional T. 5 N. R. 11 E. and the subdivision lines of Fractional T. 6 N. R. 11 E. of the Gila and Salt River Meridian and Base lines.

under my contract with John Wasson, United States Surveyor General for Arizona, bearing date the 27th day of August 1880; that in making the said Survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public-land

surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid Survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true, and correct returns of the said Surveys.

Hodges T. White
 U. S. Deputy Surveyor

Subscribed and sworn to before me this _____ day of *September* 1881

William J. Osburn
 Notary Public
 Pima Co. A.T.

BOOK 37

BOOK 37

U. S. Surveyor General's Office,

TUCSON ARIZONA.

Dec 14. 1881

The foregoing Field Notes of the Survey of the
 Subdivisions of Tril. Trs. 5 and 6
 Ct. R. 11 East. —

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Thos. F. White

Deputy Surveyor, under his contract of the 27th
 day of August, 1880, having been
 critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

John Mason,
 Surveyor General.