

No-21

# Field Notes

OF THE SURVEY OF THE

*Subdivision Lines*

—OF—  
*Fractional*—

Township *4 N* Range *14 E.*

*Gila and Salt River Base and Meridian*

ARIZONA.

By *Theo F. White* D.S.

Under contract dated *Aug 27 1880*

Survey commenced *ap<sup>l</sup> 25 1881.*

Survey completed *April 25, 1881.*

21

2

Copies

BOOK 21  
1A

# Field Notes No-21

## The Subdivision Lines of INDEX DIAGRAM.

Township 4 N.

BOOK 21

Range 14 E.

6	5	4	3	2	1			
7	8	9	10	11	12			
18	17	16	15	14	13			
3								
19	12	20	21	22	23	24		
11	10							
30	9	29	5	28	27	26	25	
7	7	4						
31	6	32	3	33	/	34	35	36

Gila and Salt River Meridian.

ARIZONA.

No-21

BOOK 21

Township 4 N. Range 14 E.

Gila & Salt River Meridian.

Sec.

The greater part of this town-  
ship is barren and worthless  
and not surveyable, there is  
only a small portion in the  
extreme S. W. corner, along the  
Salt River bottom, that is  
surveyable.

From the Cor. to Secs. 33. 34  
3 & 4 on S. Boundary of  
Township, which is as far  
E, as there is any surveyable  
land in the Township 2 m  
North between Secs. 33 & 34

Var.  $14^{\circ} 10' E$ .

as per observation with Solar  
Compass, this is the variation  
of the S. Boundary,

Use the same instrument  
as used in running the  
Exteriors. A. Burt's improved



T 4 N. R. 14 E. G. & S. R. M.

chs

Solar. Compass.

40.00 Set Igneous rock  $14 \times 9 \times 8$  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  $16 \times 8 \times 6$  ins.  
11 ins. in the ground, and build  
mid of earth 2 ft high, with  
pits  $18 \times 18 \times 12$  ins. as per in-  
structions for Cor. to Secs.  
27. 28. 33. + 34.

Broken Soil poor.

No timber.

---

It is not surmountable  
further North.

---

T. 4 N. R. 14 E. G. & S. R. M.

chs

From the cor. to Secs. 4, 5, 32 & 33. 2 rods  
North between Secs. 32 & 33,  
Var.  $14^{\circ} 10' E$ .

40.00

Set Igneous rock  $11 + 9 + 8$  ins.  
8 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 Igneous rock  $13 + 8 + 7$   
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. 28, 29, 32 & 33.  
Broken, Soil & rate  
No timber.

T. & N. R. 14 E. G. & S. R. M.

Chs

East on random line bet. Secs 28 & 33.

Var.  $14^{\circ} 10' E.$

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

79.90 Intersect N & S. line 13 lks S.  
of cor. to Secs. 27, 28, 33 & 34.  
from which I run.

S.  $89^{\circ} 54' N.$  on true line bet. Secs 28 & 33

Var.  $14^{\circ} 10' E.$

39.95 Set Igneous rock  $12 \times 9 \times 7$  in.  
qrs. in the ground, and build  
mid of earth 2 ft high, with  
pits  $18 \times 18 \times 12$  in. as per  
instructions for  $\frac{1}{4}$  Sec.  
Cor.

79.90 Cor to Secs. 28, 29, 32 & 33  
Broken Soil poor.  
No timber.



N. 4 N. R. 14 E. G. & S. R. M.

chs

North between Secs. 28 & 29  
Var.  $14^{\circ} 10' E$ .

40.00 Set Igneous rock  $14 \times 8 \times 6$  ins.  
10 ins. in the ground, and  
build end of earth 2 ft high  
with pits  $18 \times 18 \times 12$  ins. as  
per instructions for  $1/4$  Sec Cor.

80.00 Set Igneous 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 cor. to Secs.  
20, 21, 28 & 29.

Broken, Soil poor.

No timber.

It is not surveyable  
further North.

T. 4 N. R. 14 E. G. & S. R. M.

- Ch From the cor. to Secs. 5. 6 + 31 + 32 on S.  
 Boundary of 1/4 2 mm.  
 North between Secs. 31 + 32
- 40.00 Set Igneous rock. 11 + 9 + 6 ins.  
 8 ins. in the ground, and  
 build and of earth 2 ft  
 high, with pits 18 + 18 + 12 ins.  
 as per instructions for 1/4 Sec  
 Cor.
- 80.00 Set Igneous rock 16 + 8 + 6 ins  
 11 ins. in the ground, and  
 build and of earth 2 ft high  
 with pits 18 + 18 + 12 ins. as per  
 instructions for cor. to Secs.  
 29. 30. 31 + 32.  
 Broken Soil 2<sup>d</sup> rate  
 No timber.
-



S. 4 N. R. 14 E. G & S. R. M

chs

East on random line bet. Secs 29 & 32  
Var.  $14^{\circ} 10' E.$

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

80.02 Intersect the N & S. line, 9  
lks N. of cor. to Secs. 28, 29, 32 & 33  
from which I run.

N.  $89^{\circ} 56' W.$  on true line bet. Secs. 29 & 32  
Var.  $14^{\circ} 10' E.$

40.01 Set 29 near rock  $12 \times 9 \times 7$  ins.  
8 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.

80.02 Cor. to Secs. 29, 30, 31 & 32.  
Broken Soil 2<sup>d</sup> rate  
No timber.

---

West on random line bet. Secs 30 & 31  
Var.  $14^{\circ} 10' E.$

## T. 4 N. R. 14 E. G &amp; S. R. M.

Chs

- 40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.
- 76.20 Right Bank of Salt River.
- 78.50 Intersect the W. B. of Tp. 11 lks  
S. of cor. to Secs. 25, 30, 31 & 36  
this cor. is marked by a wit-  
ness cor. 5 chs S. of true  
place for Cor.  
From said true place of cor.  
3mm.
- + S.  $89^{\circ}55'E$ . on true line bet. Secs. 30 & 31  
Var.  $14^{\circ}10'E$ .
- 2.50 Right Bank of River, and set  
apost for witness point.
- 38.50 Set Igneous rock  $12 \times 9 \times 7$  ins.  
8 ins. in the ground and build  
rod of earth 2 ft high, with  
pits  $18 \times 18 \times 12$  ins. as per  
instructions for  $\frac{1}{4}$  Sec. Cor.
- 78.50 Cor. to Secs. 29, 30, 31 & 32.

S. 4 N. R. 14 E. G. & S. R. M.

chs

Some good soil along river  
bottom, Cottonwood & Willow,  
along River.

---

North between Secs. 29 & 30.  
Cor.  $14^{\circ} 10' E.$

40.00 Set Igneous rock  $15 \times 11 \times 6$  ins.  
10 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.

80.00 Set Igneous rock  $16 \times 9 \times 7$  ins.  
10 ins. in the ground, and  
build rid of earth 2 ft high,  
with pit  $18 \times 18 \times 12$  ins. as  
per instructions for Cor. to  
Secs. 19, 20, 29, & 30.

Broken mesa land, Soil poor.  
No timber.

---



N. 4 N. R. 14 E. G. & S. R. M.

chs

East on random line bet. Secs 20x29  
Var.  $14^{\circ}10' E.$

4000 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.91 Intersect the N + S. line 15 lbs  
N. of cor. to Secs. 20. 21. 28x29  
from which I run.

N.  $89^{\circ}54' W.$  on true line bet. Secs. 20x29.  
Var.  $14^{\circ}10' E.$

39.95 Set Igneous rock  $14 \times 8 \times 5$  ins.  
10 ins. in the ground, and build  
rod of earth 2 ft high, as per  
instructions with pits  $18 \times 18 \times 12$   
ins. for  $\frac{1}{4}$  Sec. Cor.

79.91 Cor. to Secs. 19. 20. 29x30.  
Broken Mesa land  
No timber, Soil poor.

---

T. 4 N. R. 14 E. G. & S. R. M.

- Chs
- Nest on random line bet. Secs. 19 & 30  
Var.  $14^{\circ} 10' E.$
- 40.00 Set temporary  $\frac{1}{4}$  Sec cor.  
78.56 Intersect W. B. of Sp. 17 lbs N.  
of cor. to Secs. 19 & 30. 24825  
from which I mu.  
N.  $89^{\circ} 53' E.$  on true line bet. Secs. 19 & 30  
Var.  $14^{\circ} 10' E.$
- 38.56 Set Igneous rock  $15 \times 9 \times 5$  ins.  
10 in the ground, and build  
mid of earth 2 ft high, with  
pits  $18 \times 18 \times 12$  ins. as per inst  
rections for  $\frac{1}{4}$  Sec. Cor.  
78.56 Cor to Secs. 19. 20. 29 & 30.  
Mesa land, Soil & rate  
Scattering trees. on W. end

---

North bet. Secs. 19 & 20.  
Var.  $14^{\circ} 10' E.$

N. 4 N. R. 14 E. G. & S. R. M.

- |                      |  |
|----------------------|--|
| <p>chs<br/>40.00</p> | <p>Set Igneous rock 14 x 8 x 7 ins.<br/>10 in the ground, and build<br/>mid of earth 2 ft high,<br/>with pits 18 x 18 x 12 ins. as<br/>per instructions for 1/4 Sec. Cor.</p>  |
| <p>80.00</p>         | <p>Set Igneous rock 12 x 9 x 6 ins.<br/>9 ins. in the ground, and<br/>build mid of earth 2 ft high,<br/>with pits 18 x 18 x 12 ins. as<br/>per instructions for Cor.<br/>to Secs. 17, 18, 19 &amp; 20.<br/>Mesa land, Soil 2<sup>d</sup> rate<br/>No timber.</p> |

West on random line bet. Secs. 18 & 19,  
Var. 14° 10' E.

- |              |   |
|--------------|---|
| <p>40.00</p> | <p>Set temporary 1/4 Sec. Cor.</p>  |
| <p>78.51</p> | <p>Intersect the N. B. of Sp.<br/>20 lbs S. of cor. to Secs. 18 &amp; 19.</p> |



T. 4 N. R. 14 E. G. & S. R. M.

chs

from which I run.

S.  $89^{\circ} 57' E.$  on true line bet. Secs. 18 & 19

Var.  $14' 10' E.$

38.57 Set Igneous rock <sup>15x10x8 ins.</sup> 10 ins. in the  
ground, & build mound of  
earth 2 ft high, with pits  
18x18x12 ins. as per inst.  
+ sections for  $\frac{1}{4}$  Sec. Cor.

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

Mesa land, Soil 2<sup>d</sup> rate  
No timber.

April 25, 1881.

---

# General Description.

Fractional township 4 N.  
Range 14 E. the portion that  
is surveyed, is in the extreme  
S. W. Cor. There is a little  
land along the river that is  
good, the balance that is  
surveyed is broken mesa  
& hilly and poor or 2<sup>d</sup> rate  
in quality.

The portion of the township  
unsurveyed is rocky & without  
airons, in the eastern portion  
utterly barren & worthless

Theodore L. White  
U. S. Deputy Surveyor.

## 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. 3 N. R. 14 E. and the Subdivision  
lines of Fractional T. 4 N. R. 14 E.  
of the Gila & Salt River  
Meridian and Base lines.

Showing the respective capacities in which they acted.

Richard Shrope Chainman.

Samuel Man Pelt Chainman.

Frank Carpenter Axeman.

C. H. Patchett Flagman.

William Morrison, Woodman



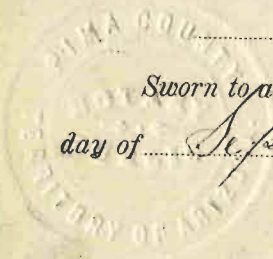
Final Oath of Assistants.

We hereby certify that we assisted Theodore  
J. White U. S. Deputy Surveyor, in surveying  
 the subdivision lines of Fractional  
 T. 3 N. R. 14 E. and the  
 subdivision lines of Fractional  
 T. 4 N. R. 14 E. of the Gila  
 and Salt River Meridian and  
 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 Shrope Chainman.
- James Van Pelt Chainman.
- Frank Carpenter Axeman.
- C. A. Patchett Flagman.
- William Morrison Monumentman

Sworn to and subscribed before me, this 8th  
 day of September 1881



William C. Adams  
 Notary Public  
 Pima Co. Ariz.

I, Thodore F. 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. 3 N. R. 14 E. and the Subdivisional lines of Fractional T. 4 N. R. 14 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 27<sup>th</sup> 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.

Theodore G. White  
U. S. Deputy Surveyor

Subscribed and sworn to before me this

day of Sept. 1881

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





## U. S. Surveyor General's Office,

TUCSON, ARIZONA.

Dec. 14 - 1881

The foregoing Field Notes of the Survey of the  
 subdivisions of Tril Tps. 3 and 4  
 Ch. R. 14 East. -

Of the Gila and Salt River Base and Meridian, Arizona, executed by Thos. F. White.

Deputy Surveyor, under his contract of the 27<sup>th</sup>  
 day of August, 1880, having been  
 critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

John Mason  
 Surveyor General.