

AMENDED NOTES  
SUBDIVISIONS  
T19N, R3, E.  
BOOK "F"

MAY 20 1904

~~No 2~~ BOOK 303

No-303

4-671

BOOK 303

**FIELD NOTES**  
**GENERAL LAND OFFICE.**

No-303

303

Supplemental Field Notes  
of the  
Subdivision Lines of  
Township No. 19 North  
Range No. 3 East.  
Of the  
Gila and Salt River  
Base and Meridian  
in the  
Territory of Arizona  
as surveyed by  
W. Oscar Secor.  
U. S. Deputy Surveyor.  
Under his Contract No. 102  
Dated June 30<sup>th</sup>, 1902.

Survey commenced. April 15, 1904.  
Survey completed " 17 1904.

# Supplemental Subdivisions

Names and duties of assistants

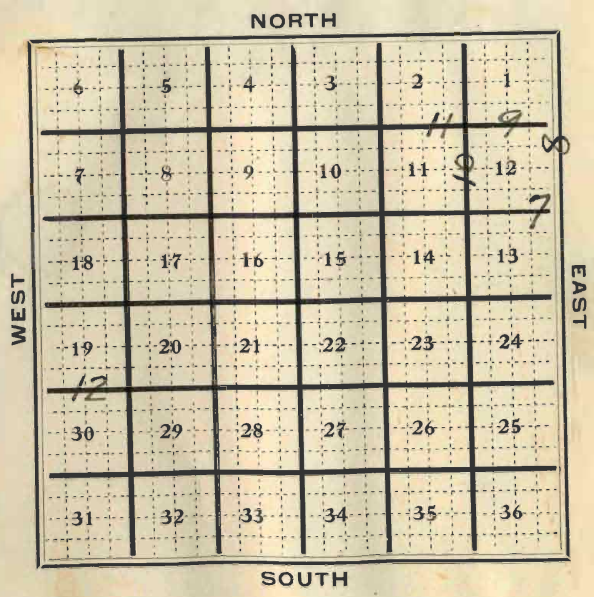
H. K. Ward Chainman

F. M. Lockwood Chainman

C. J. Schwartz Arman

Norman Cote Flagman

Township \_\_\_\_\_ Range \_\_\_\_\_  
**BOOK 303** County \_\_\_\_\_



of Tp. 19 N. R. 3 E.

For Preliminary notes, See  
Subs. T. 20 N., R. 4 E.

# Supplemental Subdivisions

Survey commenced April 15<sup>th</sup>, 1904, and executed with a Buff and Berger Engineer's transit, with Seagmuller Solar attachment. The transit is numbered 672, the horizontal limb having two double verniers placed opposite to each other, and reading to 30" of arc.

The instrument was examined and approved by the Surveyor General of Arizona at Phoenix, Arizona.

At my camp, near the cor. of secs. 13, 14, 23 and 24, T<sub>1</sub>. 19 N. R. 3 E., I set off  $9^{\circ}59'7''$  on the decl. arc, and at noon observed the sun on the meridian, the resulting lat. is  $35^{\circ}02'N$ .

of Tp. 19 N. R. 3 E

At 3 p.m. l.m.t. I set off  $9^{\circ}53'$  N. on the decl. arc;  $35^{\circ}02'$  N. on the lat arc, and determine a true meridian with the solar, and mark a point in the line thus determined by a cross cut in a stone firmly set in the ground about 6<sup>10</sup> ft. N. of my station.

Allowing my instrument to remain at this point, at 11<sup>48</sup> p.m. l.m.t., I observe Polaris when at lower culmination, in accordance with instructions in the manual.

The line thus determined falls 0.3 ins E. of the meridian established by the solar.

April 15<sup>th</sup>, 1904.

## Supplemental Subdivisions

April 16<sup>th</sup>, 1904: At 7 a.m. l.m.t., I set off  $10^{\circ} 07' N.$  on the decl. arc;  $35^{\circ} 02' N.$  on the lat. arc, and determine a true meridian with the solar, at

The line thus determined falls 0.2 ins. E of the line determined by the Polaris observation.

The magnetic bearing of the true meridian is  $N. 14^{\circ} 10' W.$ , which gives the magnetic decl.  $14^{\circ} 10' E.$

I therefore conclude that the adjustments of my instrument are satisfactory.

Longitude  $112^{\circ} 02' 04' W.$

of Tp. 19 N. R. 3 E.

Now repair to the  $\frac{1}{4}$  sec.  
cor. on the N. bay of sec.  
previously established by me  
13. <sup>11</sup> and run.

E. bet. secs, 12 and 13.

Over mountainous land.  
Through dense brush.

50.10 The cor. of secs. 7 and 18  
as described by the  
Surveyor General, the  
markings of which I  
change to refer to secs.  
12 and 13 also.

I destroy the closing  
cor. heretofore set by me.  
Land mountainous 50.10 cts.  
Dense brush 50.10 cts.  
Soil 4<sup>th</sup> rate.



## Supplemental Subdivisions

From the 1/4 sec. cor.  
bet. secs. 7 and 12 on  
described by the Sur. General  
the east bdy. <sup>^</sup> Run  
N. bet. secs. 7 and 12.

39.85

The cor. of secs. 1, 6, 7 and  
12, as described by the  
Surveyor General,  
Land broken 39.85 acs  
Soil rocky 4<sup>th</sup> pat.

of Tp. 19 N. R. 3 E.

West. lat. secs. 1 and 12.

Over rolling mesa.

40.00 Made diligent search, but could find no  $\frac{1}{4}$  sec. cor.

84.35 The cor. of secs. 1, 2, 11, and 12, as described by the Surveyor General Sears S. 37 E. Thence I run N.  $89^{\circ}45'$  E. lat. secs. 1 and 12.

42.175 Set a malpais  $18 \times 12 \times 6$  in. in a md. of stone for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face. and raised a md. of stone 3 ft. base  $1\frac{1}{2}$  ft. high N. of cor. Pets impracticable.

84.35 The cor. of secs. 1, 6, 7 and 12. Land rolling mesa. 84.35 chs. Soil rocky. 4<sup>th</sup> rate.

## Supplemental Subdivisions

- 39.85 S. 0 or E. bet. secs 11 and 12  
The 1/4 sec. cor. as described by the Surveyor General. Then 1/4 sec. S. 0 or E. from 1/4 sec. cor.
- 39.95 The closing cor. to secs. 11 and 12. previously established  
Land rolling 40.00 chs.  
Listed by me  
Land Mountainous 39.80 chs.  
Dense brush. 79.80 chs.  
Soil rocky 4<sup>th</sup> rate.

of Tp. 19 N. R. 3 E.

S. 89056 N. bet. secs 2 and  
11.

42985 Set a malpais  $16 \times 12 \times 7$  ins  
in a md. of stone for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N.  
face, and build a md.  
of stone  $2\frac{1}{2}$  ft. base and  
 $1\frac{1}{2}$  ft. high N. of cor.  
Pits unpracticable

Apr. 16<sup>th</sup> 1904

## 12 Supplemental Subdivisions

Apr. 17<sup>th</sup> 1904, at 8 a.m.,  
 l.m.t., I set off  $10^{\circ}29'N.$  on the  
 decl. arc,  $35^{\circ}01'N.$  on the lat.  
 arc, and determine a true  
 meridian with the solar at  
 the cor. of secs 19, 20,  
 Thence I run.

$N. 84^{\circ}52' W.$  bet. secs.

19 and 30.

39.61 Set a limestone  $24 \times 12 \times 5$  ins.  
 in a md. of stone for  $\frac{1}{4}$   
 sec. cor. marked  $\frac{1}{4}$  on  
 N. face. and build a  
 md. of stone  $2\frac{1}{2}$  ft base  
 $1\frac{1}{2}$  ft. high N. of cor.  
 Fits impracticable  
 This cor. was established  
 according to proportions  
 at distances

Apr. 17<sup>th</sup> 1904.

19-3

E.	DISTANCE.	LATITUDES.		DEPARTUR
		NORTH.	SOUTH.	EAST.
NORTH	17100	17100		
584°52'E	7942		710	7910
489°54'E	7987	14		7987
589°56'E	7927		10	7927
588°50'E	7985		163	7983
589°40'E	7921		48	7921
40°12'E	4163	4163		15
47°55'W	4237	4197		
40°1'W	8000	8000		
West	8002			
40°2'W	4001	4001		
40°2'E	4006	4006		02
489°56'E	8597	11		8597
489°45'E	8435	37		8435
SOUTH	7985		7985	
12°15'W	4064		3972	
1°36'W	3993		3992	
SOUTH	24512		24512	
WEST	47125			
		41529	41392	55777
ERROR IN LAT.		137		ERROR IN

Sp. 197. R. 3 E.

14

For Final Oaths, See Subst. 20 N. R. 4 E.

W. Oscar Coit,  
U. S. Deputy Surveyor.

## A P P R O V A L.

Office of the U. S. Sur-General,

Phoenix, Arizona.

June 14-1904

The foregoing field notes of the survey of

of supplemental notes of the sub-  
line T. 12 N. R. 3 E -----of the Gila and Salt River Base and Meri-  
dian, in the Territory of Arizona,executed by W. Oscar Secor -----

U. S. Dep. Surveyor, under his contract

No. 102 dated June 30 1902, having

been critically examined, and the

necessary corrections and explanations

made, the said field notes, and the sur-

veys they describe, are hereby approv-

ed.

Frank S. Ingalls  
U. S. Sur-General.