

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

Jan. 2-1916

JUN 5-1917

252 add.  
253 "  
257 "  
258 "  
259 "  
  
264 "  
266 "  
267 "  
270 "

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 251

SITUATED IN THE

TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 4, un surveyed, Township 5 N., Range 14 E.

Section 33, un surveyed, Township 6 N., Range 14 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA.

Survey executed by Walter G. Turley, Surveyor - Forest Service,

Under special instructions dated September 8, 1914.

Survey commenced September 28, 1914.

Survey completed September 29, 1914.

Under Acts of June 11, 1906, and June 30, 1914.

Applicants for listing John H. Armer and Glars P. Peterson,

Residence Roosevelt, Arizona.

Application No. 174, dated June 9, 1909.

Application No. 411, dated June 13, 1913.

List No. 3-1276 dated May 5 1911.

List No. 3-2747, dated August 19, 1913.

Applicant for survey Glars P. Peterson,

Residence Roosevelt, Arizona.

H. E. No. 016223, dated January 29, 1912.

Land district Phoenix, Arizona.



OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,  
Surveyor - Forest Service in surveying all those  
parts or portions of Homestead Entry Survey No. 251, in  
unsurveyed Section 4, Township 5 N., Range 14 E.,  
unsurveyed Section 33, Township 6 N., Range 14 E.,

of the G. & S.R.B. & meridian, State of Arizona, which  
are represented in the following field notes as having been  
surveyed by him and under his direction; and that said sur-  
vey has been in all respects, to the best of our knowledge  
and belief, well and faithfully surveyed, and the corner  
monuments established, according to the instructions fur-  
nished by the United States Surveyor General for Arizona.

Note: It would have been  
very expensive and incon-  
venient to appear before an  
officer to administer oaths  
to Assistants; hence, they  
were taken by the Surveyor.

Charles D. Hodson Chainman  
Charles Baucht Chainman

Subscribed and sworn to before me this tenth day of  
October, 1914.

Walter G. Turley  
Surveyor - Forest Service.

OATH OF SURVEYOR

I, Walter G. Turley, Surveyor-Forest Service, do solemnly swear  
that, in strict conformity with the special instructions of  
the United States Surveyor General for Arizona, dated  
September 8, 1914, and the laws of the United States, I have  
well, faithfully, and truly, in my own proper person, sur-  
veyed a tract of land upon the application of embraced in  
Lists No. 3-1276 & No. 3-2747, dated May 5, 1911 & Aug. 19, 1913,  
for Patent, under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 251,  
situated within the Tonto National Forest, in  
unsurveyed Section 4, Township 5 N., Range 14 E., and  
unsurveyed Section 33, Township 6 N., Range 14 E.,

of the G. & S.R.B. & meridian, Arizona, and the  
related retracements and resurveys and section subdivisions,  
which are represented in the following field notes as having  
been surveyed by me; and I further solemnly swear that all  
the corners of said survey have been established and perpet-  
uated in strict accordance with the stated special instruc-  
tions, and in the specific manner described in the field  
notes, and that the following are the original field notes  
of such survey.

Walter G. Turley  
Surveyor - Forest Service.

Subscribed and sworn to before me this 4th day of

December, 1914.  
my commission expires July 1, 1916



Albert L. Hanson  
Notary Public

My commission expires July 1, 1916.



HOMESTEAD ENTRY SURVEY NO. 251

TONTO NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicants for listing John H. Armer and Glars P. Peterson; Applications Nos. 174 and 411, dated June 9, 1909 and June 13, 1913; Lists Nos. 3-1276 and 3-2747, dated May 5, 1911 and August 19, 1913; Homestead Entry No. 016223 for List 3-1276; made in the Phoenix Land Office on January 29, 1912 by Glars P. Peterson whose post-office address is Roosevelt Arizona.

Surveyed under Acts of June 11, 1906, and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated September 8, 1914, and designated as Homestead Entry Survey No. 251.

Situated in what will probably be when surveyed secs. 4 and 33, Ts. 5 and 6 N., R. 14 E., G. & S. R. B. & M. within the Tonto National Forest, Arizona.

Survey commenced September 28, 1914, and executed with a W. & L. E. Gurley light mountain transit No. 12953 provided with prism eye piece, stadia wires, vertical circle, and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment and make necessary corrections. The stadia wire interval is adjusted to read 1:132.

All distances are horizontal; and were reduced from measurements made directly on the slope, with a standard 500 link steel tape graduated to links and tenths; and the slope angles determined with a clinometer the



Chains

vernier of which reads to degrees; and a Philadelphia  
stadia rod, graduated to feet and hundredths, provided  
with two targets the verniers of which read to  
thousandths of a foot.

I set up my transit over cor. H-3 of List No. 3-1276

which is a sandstone 14 x 12 x 5 ins. above ground,

marked and witnessed as described by the Forest Service;

and, with telescope direct, I observe Polaris in

accordance with instructions at 8h. 32m. p.m., l.m.t.,

and mark the direction thus determined with a tack in

a stake set firmly in the ground 5.00 chs. N. of my

station, in lat. 33° 48' 50" N., and long. 110° 54' 52"

W.

Astron. l.m.t., obsn. Sept. 27, 1914 32h. 32.0m.

Astron. l.m.t., U.C. Pol. Sept. 27, 1914 13h. 04.7m.

Hour angle Pol. at obsn. 19h. 27.3m.

Time argument 23h. 56.1m.

Azimuth Pol. at obsn. 1° 17' 00" E. 4h. 28.8m.

With my transit set up over cor. H-3 of List 3-1276

heretofore described, and the telescope reversed in

altitude and azimuth, at 8h. 44m. p.m., l.m.t. on the

same date, I again observe Polaris in accordance with

instructions, and mark the direction thus determined

with a tack in a stake set firmly in the ground 5.00

chs. N. of my station.

Astron. l.m.t., obsn. Sept. 27, 1914 32h. 44.0m.

Astron. l.m.t., U.C. Pol. Sept. 27, 1914 13h. 04.7m.

Hour angle Pol. at obsn. 19h. 39.3m.

Time argument 23h. 56.1m.

Azimuth of Pol. at obsn. 1° 15' 18" E. 4h. 16.8m.



Chains

I turn off  $1^{\circ} 17'$ , the azimuth of Polaris, to the W. from her direction at 8h. 32m. p.m., l.m.t., Sept. 28, 1914; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off  $1^{\circ} 15-1/2'$ , the azimuth of Polaris, to the W. from her direction at 8h. 44m. p.m., l.m.t.; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls  $0^{\circ} 00' 22''$  of measured arc to the W. of the line previously established.

I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station; and, from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.

Latitude  $33^{\circ} 48' 40''$  N., and longitude  $110^{\circ} 54' 46''$  W. at the point for the  $1/4$  sec. cor. to secs. 4 and 33, Ts. 5 and 6 N., R. 14 E., obtained from the special

instructions of the Surveyor General, which gives latitude  $33^{\circ} 48' 50''$  N., and longitude  $110^{\circ} 54' 52''$  W. at cor. No. 1 of this survey. It was not practicable to check the latitude by direct observation.

My watch is set for standard 105th meridian time with which I compared it on September 28, 1914. I subtract 23m. 41s. therefrom for l.m.t.

On September 29, 1914 at 3h. 30m. p.m., l.m.t., I observe the magnetic declination at cor. No. 1 of this survey to be  $14^{\circ} 35'$  E. which reduced gives a mean magnetic declination of  $14^{\circ} 36'$  E.



Chains

There is no corner of the public land survey within two miles of this claim; therefore I establish U. S. L. M. No. 251 H. E. S. in accordance with instructions. On the point of a ridge approximately 15.00 chs. south

of Workman Creek I chisel (+) at the apex and U S L M No. 251 H E S on the W. face of an imbedded sandstone 30 x 18 x 6 ins. above ground; and raise a mound of stone 6 ft. base, 4 ft. high W. of cor. from which:

A 20 in. pine, scribed U S L M No. 251 H E S + B T bears S. 28° 30' W. 26 lks.

A 9 in. pine, scribed U S L M No. 251 H E S + B T, bears N. 18° 48' W. 47 lks.

A 9 in. pine, scribed U S L M No. 251 H E S + B T, bears N. 49° 10' E. 18 lks.

A 7 in. pine, scribed U S L M No. 251 H E S + B T, bears S. 74° 45' E. 39 lks.

Baker Mountain bears S. 65° 00' W.

Aztec Peak bears S. 66° 00' E.

TRACT A.

Thence S. 26° 15' E.

By direct measurement for a tie.

To cor. No. 1.

Identical with cor. H-3 of List 3-1276, which is a sandstone 14 x 12 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-3 and its witnesses; and, for cor. No. 1 of this survey, I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 14 ins. in the ground; over which I set a sandstone 24 x 14 x 10 ins., 14 ins. in the



13 HOMESTEAD ENTRY SURVEY NO. 251

TONTON NATIONAL FOREST

STATE OF ARIZONA.

Chains

ground; chiseled (+) at the point and 1 - H E S 251  
on the S. face and raise a mound of stone 2 ft. base,  
1-1/2 ft. high S. of cor. from which:

A 9 in. white oak, scribed 1 H E S 251 + B T,  
bears N. 46° 00' W. 86 lks.

A 12 in. white oak, scribed 1 H E S 251 + B T,  
bears N. 5° 20' E. 27 lks.

U. S. L. M. No. 251 H. E. S. bears N. 26° 15' W.  
3.11 chs. dist.

Thence S. 35° 49' E.

Ascend SW. slope 10 ft. in scattering timber.

9.30 Fence bears NE. and SW.

15.01 Arroyo, 15 lks. wide, banks 2 ft. high, course SW.

19.98 Fence bears N. and S.

28.18 To cor. No. 2.

Identical with cor. H-2 of Lists 3-1276 and 3-2747  
which is a sandstone 8 x 6 x 5 ins. above ground marked  
and witnessed as described by the Forest Service. I  
destroy cor. H-2 and its witnesses; and, for cor. No. 2  
of this survey, I chisel (+) on a stone 4 x 3 x 3 ins.,  
and deposit it 16 ins. in the ground; over which I  
set a diabase stone 26 x 14 x 12 ins., 16 ins. in the  
ground; chiseled (+) at the point and 2 - H E S 251 on  
the W. face and raise a mound of stone 2 ft. base,  
1-1/2 ft. high W. of cor. from which:  
A 9 in. white oak, scribed 2 H E S 251 + B T,  
bears N. 33° 15' W. 39 lks.  
A 9 in. white oak, scribed 2 H E S 251 + B T,  
bears N. 78° 30' E. 58 lks.

Thence S. 10° 45' E.

At this point I pass from List 3-1276 to List 3-2747.  
Ascend W. slope 10 ft. in timber.



Chains

8.55 To cor. No. 3.

At which point I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 16 ins. in the ground; over which I set a diabase stone 26 x 10 x 9 ins., 16 ins. in the ground; chiseled (+) at the point and 3 - H E S 251 on the NW. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor. from which:

A 6 in. red fir scribed 3 H E S 251 + B T, bears N. 52° 40' W. 24 lks.

A 10 in. white oak, scribed 3 H E S 251 + B T, bears N. 14° 20' E. 31 lks.

Cor. No. 8 of this survey hereinafter described bears S. 10° 45' E. 0.50 chs. dist.

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Thence S. 80° 58' W.

Descend NW. slope 10 ft. in timber.

0.60 Trail bears E. and N.

8.60 To cor. No. 4.

At which point, I chisel (+) on a stone 4 x 4 x 3 ins., and deposit it 16 ins. in the ground; over which I set a sandstone 26 x 14 x 9 ins., 16 ins. in the ground; chiseled (+) at the point and 4 - H E S 251 on the NE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor. from which:

A 30 in. pine, scribed 4 H E S 251 + B T, bears N. 18° 00' W. 57 lks.

A 26 in. pine, scribed 4 H E S 251 + B T, bears N. 57° 30' E. 12 lks.

Cor. No. 7 hereinafter described bears S. 4° 30' E. 0.50 chs. dist.

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Thence N. 4° 30' W.

Over bottom in timber.



HOMESTEAD ENTRY SURVEY NO. 251

TONTO NATIONAL FOREST

STATE OF ARIZONA.

Chains	
1.15	<p>To cor. No. 5... and 3 x 10 x 33 sandstone 3 x 3 x 3 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-1 and the Forest Service monument and their witnesses; and, for cor. No. 5 of this survey, I chisel (+) on a stone 3 x 3 x 3 ins., and deposit it 14 ins. in the ground; over which I set a sandstone 24 x 14 x 7 ins., 14 ins. in the ground; chiseled (+) at the point and 5 - H E S 251 on the NE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor. from which:</p> <p>A 7 in. white oak, scribed 5 H E S 251 + B T, bears N. 51° 15' W. 38 lks.</p> <p>A 10 in. pine, scribed 5 H E S 251 + B T, bears S. 87° 00' W. 76 lks.</p>
	<p>Thence N. 47° 50' W.</p> <p>At this point I pass from list 3-2747. to list 3-1276.</p> <p>Descend N. slope 15 ft. in timber.</p>
0.51	Pole fence bears E. and W.
5.41	Pole fence bears NNW. and SSE.
9.96	Forest Service telephone bears NNW. and SSE.
25.76	Forest Service telephone bears ENE., NW. and SE.
25.77	<p>To cor. No. 6... and 3 x 9 x 43 sandstone 3 x 3 x 2 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-4 and its witnesses; and, for cor. No. 6 of this survey, I chisel (+) on a stone 3 x 3 x 2 ins. and deposit it 16 ins. in the ground; over which I</p>



TONTO NATIONAL FOREST

STATE OF ARIZONA.

Chains

Chains

set a sandstone 26 x 10 x 6 ins., 16 ins. in the ground; chiseled (+) at the point and 6 - H E S 251 on the E. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor. from which:

A 14 in. white oak, scribed 6 H E S 251 + B T, bears S. 46° 00' E. 18 lks.

A 6 in. white oak, scribed 6 H E S 251 + B T, bears N. 28° 30' W. 14 lks.

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Thence N. 34° 05' E. Descend NE. slope 5 ft. in timber.

1.48 Fence bears NW. and SE.

3.06 Leave timber bears NW. and SE.

7.16 Arroyo 10 lks. wide banks 2 ft. high course NW. Ascend SW. slope 10 ft. in open pasture.

12.23 Fence bears NW. and SE. Leave pasture and enter pig pen.

14.06 Fence bears E. and W. Leave pig pen and continue in open.

14.50 Trail from Roosevelt to Cherry Creek bears NW. and SE.

17.05 To cor. No. 1, the place of beginning.

TRACT B.

Cor. No. 7.

At which point I chisel (+) on a stone 4 x 4 x 3 ins., and deposit it 14 ins. in the ground; over which I set a sandstone 24 x 9 x 5 ins., 14 ins. in the ground; chiseled (+) at the point and 7 - H E S 251 on the SE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor. from which:

A 9 in. pine, scribed 7 H E S 251 + B T, bears S. 9° 10' E. 69 lks.



Chains

A 14 in. pine, scribed 7 H E S 251 + B T, bears

S. 50° 12' E. 54 lks.

Cor. No. 4 heretofore described bears N. 4° 30' W.

50 lks. dist.

bears N. 47° 38' W. 79 lks.

Thence N. 80° 58' E.

Ascend NW. slope 10 ft. in timber.

8.60 To cor. No. 8.

At which point, I chisel (+) on a stone 4 x 3 x 3 ins., and deposit it 18 ins. in the ground; over which I set a diabase stone 28 x 19 x 5 ins., 18 ins. in the ground chiseled (+) at the point and 8 - H E S 251 on the SW. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor. from which:

A 9 in. white oak, scribed 8 H E S 251 + B T, bears S. 7° 00' E. 61 lks.

A 5 in. white oak, scribed 8 H E S 251 + B T, bears S. 66° 20' E. 38 lks.

Cor. No. 3 heretofore described bears N. 10° 45' W. 0.50 chs. dist.

Thence S. 10° 45' E.

Along N. slope in timber.

1.54 To cor. No. 9.

Identical with cor. H-2 of list 3-2747, which is a sandstone 10 x 6 x 5 ins. above ground marked and witnessed as described by the Forest Service. I destroy

cor. H-2 and its witnesses; and, for cor. No. 9 of this survey, I chisel (+) on a stone 3 x 3 x 2 ins., and deposit it 18 ins. in the ground; over which I set a sandstone 28 x 14 x 10 ins., 18 ins. in the ground; chiseled (+) at the point and 9 - H E S 251 on the NW. face and raise a mound of stone 2 ft. base, 1-1/2 ft.



Chains

high NW. of cor. from which:

A 12 in. pine, scribed 9 H E S 251 + B T, bears

N. 3° 15' W. 68 lks.

A 10 in. white oak, scribed 9 H E S 251 + B T,

bears N. 47° 38' W. 79 lks.

Thence S. 67° 19' W.

Descend along N. slope 10 ft. in timber.

9.21 To cor. No. 10.

Identical with cor. H-1 of list 3-2747, which is a sandstone 10 x 10 x 5 ins. above ground marked and

witnessed as described by the Forest Service. I

destroy cor. H-1 and its witnesses; and, for cor. No.

10 of this survey, I chisel (+) on a stone 4 x 4 x 2

ins., and deposit it 18 ins. in the ground; over which

I set a sandstone 28 x 15 x 8 ins., 18 ins. in the

ground; chiseled (+) at the point and 10 - H E S 251

on the NNE. face and raise a mound of stone 2 ft. base,

1-1/2 ft. high NNE. of cor. from which:

A 9 in. white oak, scribed 10 H E S 251 + B T,

bears N. 80° 00' E. 20 lks.

A 9 in. pine, scribed 10 H E S 251 + B T, bears

N. 31° 30' W. 53 lks.

Thence N. 4° 30' W.

Along NE. slope in timber.

3.72 To cor. No. 1, the place of beginning.

AREA.

Tract A-----40.94 acres.

Tract B----- 2.29 acres.

Total-----43.23 acres.



HOMESTEAD ENTRY SURVEY NO. 251

TONTO NATIONAL FOREST

STATE OF ARIZONA.

Chains

IMPROVEMENTS.

The improvements made upon this homestead consist of the following:

A log dwelling 42 x 18 ft. the long side extending N. and S. and the NW. cor. of which bears S. 21° 00' E. 9.90 chs. dist. from cor. No. 1 of this survey.

Estimated value-----\$400.00

A log chicken house 12 x 8 ft. the long side extending E. and W. and the NW. cor. of which bears S. 24° 40' E. 9.90 chs. dist. from cor. No. 1 of this survey.

Estimated value-----\$ 25.00

A log store house 20 x 16 ft. the long side extending N. and S. and the NW. cor. of which bears S. 19° 28' E. 14.02 chs. dist. from cor. No. 1 of this survey.

Estimated value-----\$150.00

A log dwelling in course of construction 18 x 14 ft. the long side extending N. and S. and the NW. cor. of which bears S. 24° 40' E. 12.40 chs. dist. from cor. No. 1 of this survey.

Estimated value-----\$ 50.00

Approximately 1 mile of fencing

Estimated value-----\$150.00

Approximately 12 acres of cultivated land.

DESCRIPTION.

This claim is situated in a basin on the top of the Sierra Ancha. The drainage is northwest through Workman Creek and then south into the Roosevelt Reservoir. This claim is best adapted to stock raising.

This section is heavily timbered with Douglas fir, yellow and white pine; and a fringe of timber is included in this survey.



Chains

Sufficient water for all purposes is obtained from Workman Creek which is perennial.

The soil is a deep dark loam and produces the ordinary crops of the temperate zone without irrigation. Good crops of fruit, grain, corn, sorghums, and turnips have been produced.

This is not reported to be a mineralized section and no townsites, mining, coal or oil claims are known to have been located in this vicinity.

Roosevelt postoffice is 49 miles by trail and wagon road in a southwesterly direction. Globe railway station is 71 miles by trail and wagon road in a southeasterly direction.

There are no conflicts or adjoining claims.

Estimated value-----\$150.00  
Approximately 1 mile of fencing  
Estimated value-----\$150.00  
Approximately 13 acres of cultivated land.

DESCRIPTION.

This claim is situated in a basin on the top of the Sierra Ancha. The drainage is northwest through Workman Creek and then south into the Roosevelt Reservoir. This claim is best adapted to stock raising.  
This section is heavily timbered with Douglas fir, yellow and white pine; and a fringe of timber is included in this survey.



TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE.

Tract A.

Cor.	Course.	Dist.	N.	S.	E.	W.	
1-2	S. 35° 49' E.	28.18		22.85	16.49		
2-3	S. 10° 45' E.	8.55		8.40	1.59		
3-4	S. 80° 58' W.	8.60		1.35		8.49	
4-5	N. 4° 30' W.	1.15	1.15			0.09	
5-6	N. 47° 50' W.	25.77	17.30			19.10	
6-1	N. 34° 05' E.	17.05	14.12		9.55		
			89.30	32.57	32.60	27.63	27.68
Error in lat. and dep.				32.57		27.63	
				0.03		0.05	

Closing error 1:1532 ✓

Tract B.

Cor.	Course.	Dist.	N.	S.	E.	W.	
7-8	N. 80° 58' E.	8.60	1.35		8.49		
8-9	S. 10° 45' E.	1.54		1.51	0.29		
9-10	S. 67° 19' W.	9.21		3.55		8.50	
10-7	N. 4° 30' W.	3.72	3.71			0.29	
			23.07	5.06	5.06	8.78	8.79
Error in lat. and dep.				5.06		8.78	
				0.00		0.01	

Closing error 1:2307 ✓

Survey completed September 29, 1914.

*Walter G. Purley*  
Surveyor Forest Service.



STATE OF ARIZONA NATIONAL FOREST

STATE OF ARIZONA

Chains

Chains

TRAVELER

Tract A.

Cor.	Course.	Dist.	N.	S.	E.	W.
1-3	S. 38° 49' E.	28.18		22.82	10.49	
2-3	S. 10° 45' E.	8.52		8.40	1.52	
3-4	S. 80° 58' W.	8.50		1.35		8.49
4-5	N. 4° 30' W.	1.12	1.12			0.09
5-6	N. 47° 50' W.	22.77	17.30			19.10
6-1	N. 34° 05' E.	17.05	14.12		2.22	

Error in lat. and dep.

Closing error 1:1382

27.58	27.58	0.08
27.53	27.57	0.08
27.53	27.57	0.08

Tract B.

Cor.	Course.	Dist.	N.	S.	E.	W.
7-8	N. 80° 58' E.	8.50	1.32		8.49	
8-9	S. 10° 45' E.	1.24		1.21	0.29	
9-10	S. 67° 19' W.	2.21		2.22		2.50
10-7	N. 4° 30' W.	2.72	2.71			0.29

Error in lat. and dep.

Closing error 1:2307

8.79	8.78	0.00
8.78	8.78	0.00
8.78	8.78	0.00

Survey completed September 29, 1914.

Surveyor - Forest Service.



DIRECTIONS.—1. Carry out calculations to two decimals only.  
2. In balancing Latitudes and Departures do not obliterate or change the original figures. Do not change the footing of the original figures, but put below them the corrected footing in red ink. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.  
3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.  
4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

Glars P. Peterson.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 251, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
1-2	S. 35° 49' E.	28.18		22.85	16.49		35.63		813	79
2-3	S. 10° 45' E.	8.55		8.40	1.59		53.73		451	33
Tract A. 3-4	S. 80° 58' W.	8.60		1.35		8.49	46.84		63	23
4-5	N. 4° 30' W.	1.15	1.15			0.09	38.27	44.01		
5-6	N. 47° 50' W.	25.77	17.30			19.10	19.09	330.45		
6-1	N. 34° 05' E.	17.05	14.12		9.55		9.56	135.08		
		89.30	32.57	32.60	27.63	27.68		509.54	1328	35
	Closing error 1:1532								509	54
								Area	818	81
7-8	N. 80° 58' E.	8.60	1.35		8.49		8.49	11.46		
8-9	S. 10° 45' E.	1.54		1.51	0.29		17.27		26	08
Tract B. 9-10	S. 67° 19' W.	9.21		3.55		8.50	9.07		32	20
10-7	N. 4° 30' W.	3.72	3.71			0.29	0.29	1.08		
		23.07	5.06	5.06	8.78	8.79		12.54	58	28
									12	54
								Area	45	74
	Closing error 1:2307								2	29

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EMH



CLOSING ERROR I: 2300

DATE	TIME	DEBIT	CREDIT	BALANCE
10-1	10:00		200	200
10-1	10:30	50		150
10-1	11:00		100	250
10-1	11:30	20		230
10-1	12:00		100	330
10-1	12:30	10		320
10-1	13:00		100	420
10-1	13:30	50		370
10-1	14:00		100	470
10-1	14:30	20		450
10-1	15:00		100	550
10-1	15:30	10		540
10-1	16:00		100	640
10-1	16:30	50		590
10-1	17:00		100	690
10-1	17:30	20		670
10-1	18:00		100	770
10-1	18:30	10		760
10-1	19:00		100	860
10-1	19:30	50		810
10-1	20:00		100	910
10-1	20:30	20		890
10-1	21:00		100	990
10-1	21:30	10		980
10-1	22:00		100	1080
10-1	22:30	50		1030
10-1	23:00		100	1130
10-1	23:30	20		1110
10-1	24:00		100	1210
10-1	24:30	10		1200
10-1	25:00		100	1300
10-1	25:30	50		1250
10-1	26:00		100	1350
10-1	26:30	20		1330
10-1	27:00		100	1430
10-1	27:30	10		1420
10-1	28:00		100	1520
10-1	28:30	50		1470
10-1	29:00		100	1570
10-1	29:30	20		1550
10-1	30:00		100	1650
10-1	30:30	10		1640
10-1	31:00		100	1740
10-1	31:30	50		1690
10-1	32:00		100	1790
10-1	32:30	20		1770
10-1	33:00		100	1870
10-1	33:30	10		1860
10-1	34:00		100	1960
10-1	34:30	50		1910
10-1	35:00		100	2010
10-1	35:30	20		1990
10-1	36:00		100	2090
10-1	36:30	10		2080
10-1	37:00		100	2180
10-1	37:30	50		2130
10-1	38:00		100	2230
10-1	38:30	20		2210
10-1	39:00		100	2310
10-1	39:30	10		2300
10-1	40:00		100	2400
10-1	40:30	50		2350
10-1	41:00		100	2450
10-1	41:30	20		2430
10-1	42:00		100	2530
10-1	42:30	10		2520
10-1	43:00		100	2620
10-1	43:30	50		2570
10-1	44:00		100	2670
10-1	44:30	20		2650
10-1	45:00		100	2750
10-1	45:30	10		2740
10-1	46:00		100	2840
10-1	46:30	50		2790
10-1	47:00		100	2890
10-1	47:30	20		2870
10-1	48:00		100	2970
10-1	48:30	10		2960
10-1	49:00		100	3060
10-1	49:30	50		3010
10-1	50:00		100	3110
10-1	50:30	20		3090
10-1	51:00		100	3190
10-1	51:30	10		3180
10-1	52:00		100	3280
10-1	52:30	50		3230
10-1	53:00		100	3330
10-1	53:30	20		3310
10-1	54:00		100	3410
10-1	54:30	10		3400
10-1	55:00		100	3500
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10-1	56:00		100	3550
10-1	56:30	20		3530
10-1	57:00		100	3630
10-1	57:30	10		3620
10-1	58:00		100	3720
10-1	58:30	50		3670
10-1	59:00		100	3770
10-1	59:30	20		3750
10-1	60:00		100	3850
10-1	60:30	10		3840
10-1	61:00		100	3940
10-1	61:30	50		3890
10-1	62:00		100	3990
10-1	62:30	20		3970
10-1	63:00		100	4070
10-1	63:30	10		4060
10-1	64:00		100	4160
10-1	64:30	50		4110
10-1	65:00		100	4210
10-1	65:30	20		4190
10-1	66:00		100	4290
10-1	66:30	10		4280
10-1	67:00		100	4380
10-1	67:30	50		4330
10-1	68:00		100	4430
10-1	68:30	20		4410
10-1	69:00		100	4510
10-1	69:30	10		4500
10-1	70:00		100	4600
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10-1	71:00		100	4650
10-1	71:30	20		4630
10-1	72:00		100	4730
10-1	72:30	10		4720
10-1	73:00		100	4820
10-1	73:30	50		4770
10-1	74:00		100	4870
10-1	74:30	20		4850
10-1	75:00		100	4950
10-1	75:30	10		4940
10-1	76:00		100	5040
10-1	76:30	50		4990
10-1	77:00		100	5090
10-1	77:30	20		5070
10-1	78:00		100	5170
10-1	78:30	10		5160
10-1	79:00		100	5260
10-1	79:30	50		5210
10-1	80:00		100	5310
10-1	80:30	20		5290
10-1	81:00		100	5390
10-1	81:30	10		5380
10-1	82:00		100	5480
10-1	82:30	50		5430
10-1	83:00		100	5530
10-1	83:30	20		5510
10-1	84:00		100	5610
10-1	84:30	10		5600
10-1	85:00		100	5700
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10-1	86:00		100	5750
10-1	86:30	20		5730
10-1	87:00		100	5830
10-1	87:30	10		5820
10-1	88:00		100	5920
10-1	88:30	50		5870
10-1	89:00		100	5970
10-1	89:30	20		5950
10-1	90:00		100	6050
10-1	90:30	10		6040
10-1	91:00		100	6140
10-1	91:30	50		6090
10-1	92:00		100	6190
10-1	92:30	20		6170
10-1	93:00		100	6270
10-1	93:30	10		6260
10-1	94:00		100	6360
10-1	94:30	50		6310
10-1	95:00		100	6410
10-1	95:30	20		6390
10-1	96:00		100	6490
10-1	96:30	10		6480
10-1	97:00		100	6580
10-1	97:30	50		6530
10-1	98:00		100	6630
10-1	98:30	20		6610
10-1	99:00		100	6710
10-1	99:30	10		6700
10-1	100:00		100	6800

CLOSING ERROR I: 1933

DATE	TIME	DEBIT	CREDIT	BALANCE
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10-1	10:30	50		150
10-1	11:00		100	250
10-1	11:30	20		230
10-1	12:00		100	330
10-1	12:30	10		320
10-1	13:00		100	420
10-1	13:30	50		370
10-1	14:00		100	470
10-1	14:30	20		450
10-1	15:00		100	550
10-1	15:30	10		540
10-1	16:00		100	640
10-1	16:30	50		590
10-1	17:00		100	690
10-1	17:30	20		670
10-1	18:00		100	770
10-1	18:30	10		760
10-1	19:00		100	860
10-1	19:30	50		810
10-1	20:00		100	910
10-1	20:30	20		890
10-1	21:00		100	990
10-1	21:30	10		980
10-1	22:00		100	1080
10-1	22:30	50		1030
10-1	23:00		100	1130
10-1	23:30	20		1110
10-1	24:00		100	1210
10-1	24:30	10		1200
10-1	25:00		100	1300
10-1	25:30	50		1250
10-1	26:00		100	1350
10-1	26:30	20		1330
10-1	27:00		100	1430
10-1	27:30	10		1420
10-1	28:00		100	1520
10-1	28:30	50		1470
10-1	29:00		100	1570
10-1	29:30	20		1550
10-1	30:00		100	1650
10-1	30:30	10		1640
10-1	31:00		100	1740
10-1	31:30	50		1690
10-1	32:00		100	1790
10-1	32:30	20		1770
10-1	33:00		100	1870
10-1	33:30	10		1860
10-1	34:00		100	1960
10-1	34:30	50		1910
10-1	35:00		100	2010
10-1	35:30	20		1990
10-1	36:00		100	2090
10-1	36:30	10		2080
1				



APPROVAL

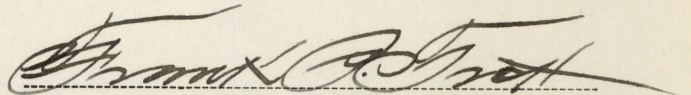
Office of the United States Surveyor General,

Phoenix, Arizona JUL 3 1917 , 191

The foregoing field notes of Homestead Entry Survey No.

251

executed by *Walter S. Turley, Surveyor* [Forest Service Title.]  
under his special instructions, dated *Sept. 8* , 1914, having  
been critically examined, and the necessary corrections and explanations  
made, the said field notes, and the surveys they describe, are hereby  
approved.

  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the  
above-described survey in the State of **ARIZONA** , has been  
correctly copied from the original notes on file in this office.

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**FRANK P. TROTT**  
U. S. Surveyor General.