

MAR. 12 1918  
MAR. 18 1918

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. **300**

SITUATED IN THE **CORONADO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. **3**

In Section **3** , unsurveyed, Township **23 S.** , Range **19 E.**

In Section **10** , unsurveyed, Township **23 S.** , Range **19 E.**

Also establishment of U.S.L.M. No. **300 H.E.S.**

of the

**Gila and Salt River Base and Meridian.**

State of

**ARIZONA**

Applicant for listing **Gustav J. Peterson,**

Residence **Sunnyside, Arizona.**

Application No. **202** , dated **February 29** , 19 **12**

**Supplemental List 3-2048** , dated **November 13** , 19**14**

List No. **3-2048** , dated **September 4** , 19 **12**

Applicant for survey **Gustav J. Peterson,**

Residence **Sunnyside, Arizona.**

H. E. No. **021793** , dated **March 19** , 19**13**

**Office**

Land District **Phoenix, Arizona.**

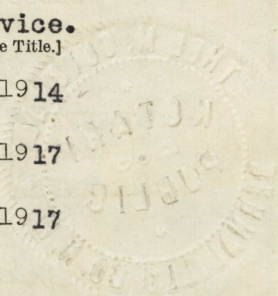
Survey executed by **C. A. Long,** Surveyor - Forest Service.  
[Forest Service Title.]

Under special instructions dated **October 17** , 19**14**

Survey commenced **June 5** , 19**17**

Survey completed **June 5** , 19**17**

Under Acts of **June 11, 1906** and **August 11, 1916.**



OATH OF ASSISTANTS

We hereby certify that we assisted **C. A. Long**  
**Surveyor- Forest Service** in surveying all those  
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **300**, in the State of **Arizona** which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey 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 furnished by the United States Surveyor General for **Arizona**

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

*[Signature]*  
-----  
**Forest Ranger**  
*[Signature]*  
-----  
**Chainman**

Subscribed and sworn to before me this **5th** day of **June**, 19 **17**.

*[Signature]*  
-----  
**Surveyor, Forest Service**

OATH OF SURVEYOR

I, **C. A. Long, Surveyor - Forest Service**  
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for **Arizona**, dated **October 17**, 19 **14**, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in

**List No. 3-2048, dated September 4, 1912 and Supplemental List, No. 3-2048, dated November 13, 1914, for PATENT**, under the Act of **June 11, 1906**, the same to be known as Homestead Entry Survey No. **300**, situated within the **CORONADO** National Forest, in **un surveyed Section 3, Township 23 S., Range 19 E., and un surveyed Section 10, Township 23 S., Range 19 E.**

of the **G. & S. R. B. and** 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 perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

*[Signature]*  
-----  
**Surveyor Forest Service**  
[Forest Service Title.]

Subscribed and sworn to before me this **thirteenth** day of **February**, 19**18**.

*[Signature]*  
-----  
**Notary Public**



*my com. expires March 17, 1921.*

HOMESTEAD ENTRY SURVEY NO. 300

CORONADO NATIONAL FOREST

1.

STATE OF ARIZONA

Chains Applicant for listing Gustav J. Peterson; Application No. 202, dated February 29, 1912; List No. 3-2048 dated September 4, 1912; and Supplemental List 3-2048, dated November 13, 1914. H. E. 021793 made in the Phoenix Land Office on March 19, 1913 by Gustav J. Peterson.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 17, 1914, and designated as Homestead Entry Survey No. 300.

Situated in what will probably be when surveyed Secs. 3 and 10, T. 23 S., R. 19 E., Gila and Salt River Base and Meridian, Coronado National Forest, Arizona. Surveyed under the Acts of June 11, 1906 and August 11, 1916.

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Survey commenced June 5, 1917, and executed with a Buff and Buff transit No. 10530, equipped with Smith solar attachment.

I test the adjustments of the transit and make necessary corrections.

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

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After careful and diligent search, I am unable to find a U. S. L. M. or other monument of record of the Public surveys within two miles of this claim, therefore I establish U. S. L. M. No. 300 H E S as follows:

On the top of a ridge extending in a Northwesterly and Southeasterly direction. This point is visible from SE. to W. I chisel + and U S L M No. 300 H E S on the S. face of a quartzite boulder in place, showing 6 x 6 x 3 ft. above ground; raise a mound of stone 7 ft.

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HOMESTEAD ENTRY SURVEY NO. 300

NATIONAL FOREST

STATE OF

Chains

base, 4-1/2 ft. high, 10 ft. dist. S. of Monument,

whence:

A juniper, 24 ins. dia., blazed and scribed

U S L M No. 300 H E S + B T, bears N. 45°

11' E., 128 lks. dist.

A black oak, 10 ins. dia., blazed and scribed

U S L M No. 300 H E S + B T, bears N. 46°

12' W., 114 lks. dist.

A black oak, 10 ins. dia., blazed and scribed

U S L M No. 300 H E S + B T, bears S. 84°

00' E., 30 lks. dist.

Peterson's Peak bears N. 4° 51' W., approxi-

mately 2 miles dist.

Serillo Peak in Mexico bears S. 27° 38' W.,

approximately 15 miles dist.

The smokestack at the old Sunnyside sawmill

bears S. 27° 38' W., approximately 1-1/2

miles dist.

Cor. to Ts. 23 and 24 S., Rs. 18 and 19 E., which

is a sandstone 10 x 10 x 6 ins. above ground,

marked and witnessed as described by Surveyor

General, bears S. 40° 34' 40" W., 454.45 chs. dist.,

by traverse which appears at the end of these

notes.

June 5, 1917.

At Cor. H-1 of the List Survey and what will be Cor. No.

1 of this Survey, at 7h. .02m. 27s. p.m., l.m.t. I

observe Polaris with telescope direct, reading an angle

of 2° 09' from star to right, to a reference mark

1.5 miles distant.

see traverse page 10

## CORONADO NATIONAL FOREST

STATE OF ARIZONA

## Chains

Latitude  $31^{\circ} 27' N.$ , Longitude  $110^{\circ} 24' 07'' W.$ , obtained from U. S. G. S. sheet of Hereford Quadrangle.

Greenwich m.t., U.C. Pol. June 5, 1917, 8h.37.0m. a.m.

Longitude correction, 1.2

l.m.t. U.C. Pol. June 5, 1917 = 8h.35.8m.  
+ 12h.00.0

Astro. l.m.t. U.C. Pol. June 4, 1917 20h.35.8m.

Astro. l.m.t. of obsn. June 4, 1917 31h.02.5m

Hour Angle 10h.26.7m.

Azimuth of Polaris at obsn. =  $N.0^{\circ} 30' 50'' W.$

2^{\circ} 09' 00''

Bearing of reference mark,  $N.1^{\circ} 38' 10'' E.$

At the same point at 7h. 03m. 32s. p.m. l.m.t., I again

observe Polaris with telescope reversed, reading an

angle of  $2^{\circ} 08'$  from star to right.

Astro. l.m.t. U.C. Pol. June 4, 1917, 20h. 35.8m.

Astro. l.m.t. of obsn. June 4, 1917, 31h. 03.5m.

Hour Angle 10h. 27.7m.

Azimuth of Pol. at obsn.  $N.0^{\circ} 31' 00'' W.$

2^{\circ} 08' 00''

$N.1^{\circ} 37' 00'' E.$

Bearing of reference mark,

The bearing of reference mark as determined by taking

the mean of the two observations is  $N.1^{\circ} 37' 35'' E.$

and from the corresponding meridian, all the courses

of this survey were deflected.

June 5, 1917.

June 6, 1917.

## BOUNDARIES OF CLAIM

Beginning at cor. No. 1.

Identical with cor. H-1 of the list survey, a limestone

12 x 8 x 4 ins., surrounded by a mound of stone, marked

and witnessed as described by the Forest Service. I

destroy all trace of this list cor. and at this point

I set a sandstone 24 x 10 x 4 ins., 14 ins. in the

ground over a stone marked with a cross, chiseled (+)

at the point and l- H E S 300 on the side facing the

claim; and raise a mound of stone 2 ft. base, 1-1/2 ft

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4.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

high within the claim, 3-1/2 ft. dist. from cor.,  
whence:

A pine, 6 ins. dia., blazed and scribed  
1 H E S 300 + B T, bears N. 14° 02' W.,  
53 lks. dist.

A pine, 16 ins. dia., blazed and scribed  
1 H E S 300 + B T, bears S. 78° 23' W.,  
16 lks. dist.

U. S. L. M. No. 300 H E S bears S. 29° 18' E.,  
25.53 chs. dist. by direct measurement.

Mag. decl. at cor. No. 1 at 8h. 00m. a.m., l.m.t., June 5,  
1917, is 13° 33' E. Mean mag. decl. 13° 29' E.

Lat. 31° 27' N., Long. 110° 24' .07" W., obtained from  
U. S. G. S. sheet Hereford Quadrangle.

Thence N. 51° 17' W.

Descend 20 ft.

.75

Enter bottom.

1.25

Scochia Creek, 40 lks. wide, banks 2 ft. high, course SW.

2.85

Road, bears NE. and SW. Ascend 30 ft.

6.75

To cor. No. 2.

Identical with cor. H-6 of the list survey, a limestone  
12 x 10 x 4 ins., surrounded by a mound of stone mark-  
ed and witnessed as described by the Forest Service.

I destroy all trace of the list cor. and at this point

I set a sandstone 24 x 8 x 6 ins., 14 ins. in the

ground over a stone marked with a cross, chiseled (+)

at the point and 2- H E S 300 on side facing the claim;

and raise a mound of stone, 2 ft. base, 1-1/2 ft. high

within the claim, 3-1/2 ft. dist. from cor., whence:

A black oak, 6 ins. dia., blazed and scribed

2 H E S 300 + B T bears N. 24° 21' W., 14

lks. dist.

see 303

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

A pine, 8 ins. dia., blazed and scribed  
2 H E S 300 + B T bears S. 42° 08' W., 11  
lks. dist.

- 3.00 Thence N. 31° 29' E. Ascent 10 ft. over rocky mesa, slope SE. Top of ascent. Descend 20 ft.
- 4.10 Wash, 15 lks. wide, course SE. Ascend 25 ft.
- 6.35 Enter rocky mesa. Slope E. Ascend 10 ft.
- 16.40 Road, bears N. and S.
- 28.10 Top of ascent. Descend 15 ft.
- 29.00 Wash, 10 lks. wide, course E. Ascend 15 ft.
- 31.00 Enter mesa, slopes E.
- 33.90 To cor. No. 3.

Identical with cor. H-5 of the list survey, a sandstone 14 x 6 x 4 ins., surrounded by a mound of stone, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a conglomerate stone, 26 x 12 x 5 ins., 16 ins. in the ground over a stone marked with a cross, chiseled (+) at the point and 3-H E S 300 on the side facing the claim; and raise a mound of stone 2 ft. base, 1-1/2 ft. high within the claim, 3-1/2 ft. dist. from cor., whence:

A black oak, 8 ins. dia., blazed and scribed  
3 H E S 300 + B T, bears N. 3° 38' E., 36 lks.  
dist.

A black oak, 12 ins. dia., blazed and scribed  
3 H E S 300 + B T bears S. 57° 06' W., 76 lks.  
dist.

- Thence N. 23° 37' W.
- Through dense growth of scrub oak. Ascend 5 ft.
- 1.25 Top of ascent. Descend 5 ft.
- 1.50 Ravine, 5 lks. wide, course E. Ascend 10 ft.
- 1.60 Ascend 25 ft.

Chains	
3.80	Road, bears N. and S.
4.05	Fence, bears N. and S.
11.00	Fence, bears NE. and SW.
15.80	Descend 15 ft.
16.30	Ravine, 5 lks. wide, course SE. Ascend 15 ft.
17.21	To cor. No. 4.
	Identical with cor. H-4 of the list survey, a granite stone 6 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a quartz stone 26 x 14 x 6 ins., 16 ins. in the ground over a stone marked with a cross, chiseled (+) at the point and 4 H E S 300 on side facing the claim; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high within the claim, 3-1/2 ft. dist. from the cor., whence:
	A juniper, 6 ins. dia., blazed and scribed 4 H E S 300 + B T, bears N. 77° 54' E., 31 lks. dist.
	A white oak, 16 ins. dia., blazed and scribed 4 H E S 300 + B T, bears S. 24° 07' E., 21 lks. dist.
	Thence N. 64° 43' E.
	Through dense scrub oak. Ascend 5 ft. over mesa.
3.25	Top of ascent. Descend 30 ft.
12.40	Fence, bears NW. and SE.
14.00	Enter flat.
14.07	To cor. No. 5.
	Identical with cor. H-3 of the list survey, a granite stone 10 x 6 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 24 x 12 x 10 ins., 14 ins. in the ground



CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	<p>over a stone marked with a cross, chiseled (+) at the point and 5 - H E S 300 on side facing the claim; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high within the claim, 3-1/2 ft. dist. from the corner, whence:</p> <p>A black oak, 8 ins. dia., blazed and scribed 5 H E S 300 + B T bears N. 61° 02' E., 23 lks. dist.</p> <p>A white oak, 8 ins. dia., blazed and scribed 5 H E S 300 + B T bears S. 25° 21' E., 28 lks. dist.</p>
	<p>Thence S. 17° 12' E.</p> <p>Over flat through thick oak and juniper.</p>
1.00	Trail, bears NE. and SW.
3.00	Top of ascent. Descent 20 ft.
4.00	Draw, 15 lks. wide, course S. Ascend 50 ft.
9.15	Top of ascent. Descend 40 ft.
20.10	Scochia Creek, 20 lks. wide, course SSW. Ascend 30 ft.
21.17	To cor. No. 6.
	<p>Identical with cor. H-2 of the list survey, a limestone 8 x 8 x 10 ins., above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. At this point I set a limestone 24 x 10 x 10 ins., 14 ins. in the ground over a stone marked with a cross, chiseled (+), at the point and 6 H E S 300 on side facing the claim, and raise a mound of stone 2 ft. base, 1-1/2 ft. high within the claim, 3-1/2 ft. dist. from the corner, whence:</p> <p>A black oak, 6 ins. dia., blazed and scribed 6 H E S 300 + B T bears N. 24° 21' W., 14 lks. dist.</p> <p>A pine 8 ins. dia., blazed and scribed 6 H E S 300 + B T bears S. 42° 08' W., 11 lks. dist.</p>
	June 6, 1917.

Chains	June 7, 1917. Thence S. 35° 14' W.
	Along steep NW. slope.
5.00	Ridge, bears E. and W. Descend 40 ft. over S. slope.
11.50	Ravine, 20 lks. wide, course W. Ascend 20 ft.
14.70	Ridge, bears E. and W. Descend, 30 ft.
20.90	Ravine, 10 lks. wide, course W. Ascend 25 ft.
32.00	Top of ridge, bears NE. and SW. Descend 45 ft.
37.30	Ravine, 10 lks. wide, course W. Ascend 5 ft.
38.85	Foot of hill.
42.50	To cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 55.23 acres.

IMPROVEMENTS.

The improvements made upon and for the benefit of this claim consist of the following:

A frame house, 14 x 20 ft., the long side of which bears NW. and SE. and the W. cor. of which bears S. 54° 10' E., 6.50 chs. dist. from cor. No. 4.

Value ----- \$200.00

A frame house, 14 x 48 ft., the long side of which bears NW. and SE., and the W. cor. of which bears S. 24° 40' E., 6.30 chs. dist. from cor. No. 4.

Value ----- \$300.00

Approximately 1/2 mile of fence.

Value ----- \$ 60.00

DESCRIPTION

This claim is situated on what is locally known as Scochia Creek, which carries water throughout the entire year. There are approximately 3-1/2 acres of

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

agricultural land on the claim, and the claimant farms it in a very intensive manner. With the exception of the cultivated land, the claim is very rocky and is covered with a dense growth of oak with some pine and juniper interspersed. Sufficient water for domestic and stock purposes is obtained from a spring near the house and from the creek.

This claim is in a mineralized section, but there are no mineral locations within one mile and no patented claims within three miles. I saw no indication of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H. E. S. 303 lies approximately 1 mile in a Southerly direction from the survey. Sunnyside post office is one and one-half miles Southerly. Patagonia, Arizona, the nearest railroad station in the United States is 40 miles by wagon road in a Westerly direction.

TRAVERSE

Course	Dist.	N.	S.	E.	W.
N. 51° 17' W.	6.75	4.22			5.27
N. 31° 29' E.	33.90	28.91		17.70	
N. 23° 37' W.	17.21	15.77			6.89
N. 64° 43' E.	14.07	6.01		12.72	
S. 17° 12' E.	21.17		20.22	6.26	
S. 35° 14' W.	42.50		34.71		24.52
	135.60	54.91	54.93	36.68	36.68
			<u>54.91</u>	<u>36.68</u>	
Error in Lat. and Dep.			.02	.00	

Closing Error, 1:6780

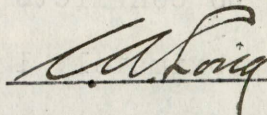
CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	Traverse U. S. L. M. to Cor. Tps. 23 and 24 S., Rs. 18 and 19 E.					
	Course	Dist.	N.	S.	E.	W.
	S. 41° 44' W.	422.71		315.45		281.38
	S. 17° 08' E.	18.94		18.10	5.58	
	S. 59° 38' W.	22.96		11.61		19.81
		464.61		345.16	5.58	301.19
						5.58
						295.61

Therefore the cor. to Tps. 23 and 24 S., Rs. 18 and 19 E.,  
bears S.40°34'40"W., 454.45 chs. dist.

Survey completed June 7, 1917.



Surveyor - Forest Service .

Chains	Course	Dist.	N.	S.	E.	W.
18.94	S. 17° 08' E.	18.94		18.10	5.58	
22.96	S. 59° 38' W.	22.96		11.61		19.81
422.71	S. 41° 44' W.	422.71		315.45		281.38
464.61		464.61		345.16	5.58	301.19
						5.58
						295.61

DIRECTIONS.—1. Carry out calculations to two decimals only.  
2. In balancing Latitudes and Departures do not obliterate or change the original figures. 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.  
3. In calculations for balancing fallings should be proportional to the lengths of the lines. The corrections 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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 300, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.			DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
1-2	N. 51° 17' W.	6.75	4.22			5.27	5.27	22.24		
2-3	N. 31° 29' E.	33.90	28.91		17.70		17.70	511.88		
3-4	N. 23° 37' W.	17.21	15.77			6.89	28.51	449.60		
4-5	N. 64° 43' E.	14.07	6.01		12.72		34.34	206.38		
5-6	S. 17° 12' E.	21.17		20.22	6.26		53.32		1078.13	
6-1	S. 35° 14' W.	42.50		34.71		24.52	35.06		1216.58	
		135.60	54.91	54.93	36.68	36.68		1190.10	2294.71	
			54.92	54.92	36.68	36.68		1190.10	1190.10	
								2	1104.61	
								10	552.30	
									55.23	
									Acres.	
	Closing error 1:6780									ET

APPROVAL

Office of the United States Surveyor General,

Phoenix, Ariz., Mar. 21, 1918

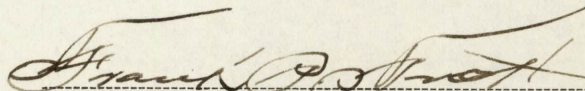
The foregoing field notes of Homestead Entry Survey No.

300

executed by C. A. Long, Surveyor

[Forest Service Title.]

under his special instructions, dated Oct. 17, 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.

FRANK P. TROTT

U. S. Surveyor General.