

251

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

DEC 3- 1917

MAR-2 1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 477

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

Approximately

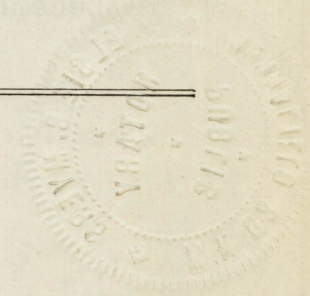
In Section 16, unsurveyed, Township 14 N., Range 3 E.
In Section 17, unsurveyed, Township 14 N., Range 3 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA



Applicant for listing **J. E. Allen,**

Residence **Cherry, Arizona**

Application No. **277**, dated **October 27**, 1915

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Office **Phoenix, Arizona**
Land ~~District~~

Survey executed by **G. A. Long,** Surveyor - Forest Service

[Forest Service Title.]

Under special instructions dated **May 17**, 1916

Survey commenced **November 29**, 1916

Survey completed **December 1**, 1916

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

252

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. **477**, 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 estab-
lished, according to the instructions furnished by the United States
Surveyor General for **Arizona**.

C. K. Harviman

Chairman

Subscribed and sworn to before me this **sixth** day of
December, 19 **16**.

Elsie C. Myers

Notary Public

My Commission expires April 20, 1918.

OATH OF SURVEYOR

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

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Arizona**, dated
May 17, 19**16**, 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**

Application, No. **277**, dated **October 27, 1915**, for
Patent, under the Act of **June 11**, 19**06**,
the same to be known as Homestead Entry Survey No. **477**,
situated within the **PRESCOTT** National Forest, in approx-
imately unsurveyed Sections 16 & 17, Township **14 N.**, Range **3 E.**, and
unsurveyed Section - - - -, Township **- - - -**, Range **- - - -**,

of the **G. and 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.

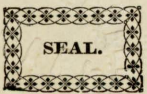
C. A. Long

Surveyor - Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this **twentyninth** day of
March, 19**17**.

Ethel M. Gutschall

Notary Public.



8-2349

My Commission expires Mar. 17 1921

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains. Applicant for listing, J. E. Allen; Application No. 277, dated October 27, 1915.

Surveyed under special instructions from the Surveyor General for Arizona, dated May 17, 1916 and designated as Homestead Entry Survey No. 477.

Situated in what will probably be, when surveyed, Secs. 16 & 17, T. 14 N., R. 3 E., Gila and Salt River Base and Meridian, Prescott National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and August 11, 1916, under the Cooperative Plan.

Survey commenced November 29, 1916 and executed with a Buff and Buff light mountain transit No. 9703, 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.

November 29, 1916.

At cor. No. 1, hereinafter described, at 3h. 46.1m. p.m., 1.m.t., I observe Polaris with telescope direct, reading an angle of 46° 13' from star to right to a reference mark about one mile dist.

Lat. 34° 35' 10" N., Long. 112° 02' 48" W., derived from U. S. G. S. topographic sheet of Jerome Quadrangle.

Chains Greenwich m.t. U.C. Pol., Nov. 29, 1916, 8h. 57.3m.p.m.
 Correction for Longitude, 01.2m.
 l.m.t. U.C. Pol., November 29, 1916, 8h. 56.1m. p.m.
 l.m.t. of obsn., November 29, 1916, 3h. 46.1m.p.m.
 Hour Angle Pol., 5h. 10.0m.

Azimuth of Pol. at obsn., 181° 20' 52"

46° 13' 00"

Azimuth of reference mark, 227° 33' 52"

180° 00' 00"

Bearing of reference mark, N. 47° 33' 52" E.

At 3h. 56.1m. p.m., l.m.t., I again observe Polaris with telescope reversed, and the resulting angle between reference mark and star is 46° 14' 00".

l.m.t. U.C. Pol., November 29, 1916, 8h. 56.1m. p.m.

l.m.t. of obsn., November 29, 1916, 3h. 56.1m. p.m.

Hour Angle Pol., 5h. 00.0m.

Azimuth of Pol. at obsn., 181° 20' 04"

46° 14' 00"

Azimuth of reference mark, 227° 34' 04"

180° 00' 00"

Bearing of reference mark, N. 47° 34' 04" E.

The bearing of reference mark as determined from the mean of the two observations is N. 47° 33' 58" E., and from the corresponding meridian all the courses of this survey were deflected.

November 30, 1916.

Beginning at cor. No. 1.

Deposit a granite stone 3 x 4 x 4 ins. marked with a +, 15 ins. in the ground, over which set a granite stone 8 x 16 x 24 ins., chiseled + for the point and 1 - H E S 477 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence:

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

A juniper, 18 ins. dia., blazed and scribed
1 H E S + 477 B T, bears S. 33° 25' E.,
71 lks. dist.

No other trees in limits. Pits impracticable.

U. S. L. M. No. 2012A, (marked 204A), which is
a + cut on a granite boulder in place, showing
18 x 30 x 24 ins. above ground, marked U S L M
204 A, and witnessed as described by the Sur-
veyor General, bears S. 52° 09' E., 37.45 chs.
dist., by traverse which appears at the end
of these notes.

Cor. No. 5 of H. E. S. 474, which is also cor.
No. 5 of H. E. S. 475, a granite stone 8 x 8
x 10 ins. above ground, marked + on top,
5 - H E S 474 on SE. face, and 5 - H E S 475
on SW. face, with mounds of stone 3 ft. base,
2 ft. high SE. and SW. of cor., bears S. 4°
25' E., 4.66 chs. dist., by traverse which
appears at the end of these notes.

The observed mag. decl. at 8:00 a.m. is 15° 15' E., which
gives a mean mag. decl. of 15° 12' E.

Lat. 34° 35' 10" N., Long. 112° 02' 48" W., derived from

U. S. G. S. topographic sheet of Jerome Quadrangle.

Thence N. 12° 28' W.

Ascend 70 ft. to cor. over rolling E. slope, through
dense oak brush.

18.70 Wash in draw, 10 lks. wide, course S. 70° 00' E.

18.85 Dim road bears S. 70° 00' E. and N. 70° 00' W.

23.29 To cor. No. 2.

Point falls on a limestone boulder in place, 4 x 4 x 3
ft. above ground. I cut a + for cor. point and chisel
2 - H E S 477 SE. of +; and raise a mound of stone 3
ft. base, 2 ft. high SE. of cor.

Chains

No bearing trees within limits. Pits impracticable.

Thence N. 37° 49' E.

Descend 95 ft. over steep E. slope, through dense oak brush.

4.00 Foot of steep descent. Irrigation ditch 5 lks. wide, 6 ins. deep, course South.

4.10 Fence bears NW. and SE. Enter plowed land.

4.50 Leave plowed land. Fence bears NW. and SE.

4.70 Cherry Creek, a stream of good water 5 lks. wide, 6 ins. deep, course SE. Bottom of descent. Ascend 80 ft. to cor. over rocky W. slope.

7.27 To cor. No. 3.

Point for cor. falls on a granite boulder in place, 4 x 4 x 4 ft. above ground. I cut a + on top for cor. point and chisel 3 - H E S 477 on S. side of +; and raise a mound of stone 3 ft. base, 2' ft. high S. of cor., whence:

An oak, 6 ins. dia., blazed and scribed

3 H E S + 477 B T, bears S. 43° 40' E.,

30 lks. dist.

No other trees in limits. Pits impracticable.

Thence S. 38° 51' E.

Descend 70 ft. over steep S. slope, through dense oak brush.

4.90 Bottom of descent in wash, 10 lks. wide, course S. 15° 00' W. Ascend 16 ft.

7.50 Top of ridge bears NE. and SW. Descend 30 ft.

9.40 Bottom of descent in wash, 10 lks. wide, course SW. Ascend 35 ft.

11.15 Top of spur, bears NE. and SW. Descend 25 ft.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

14.95 Bottom of descent in wash, 10 lks. wide, course SW.

Ascend 15 ft. to cor.

17.89 To cor. No. 4.

Deposit a granite stone 3 x 4 x 5 ins. marked with a +, 12 ins. in the ground, over which set a granite stone 6 x 8 x 18 ins. (no larger stone available), chiseled + for the point and 4 - H E S 477 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

An oak, 6 ins. dia., blazed and scribed

4 H E S + 477 B T, bears S. 68° 22' W.,

17 lks. dist.

No other trees available. Pits impracticable.

November 30, 1916.

December 1, 1916.

Thence S. 36° 17' W.

Ascend 20 ft. over gradual W. slope, through dense oak brush.

1.20 Draw, course NW.

4.37 Top of rocky spur, bears E. and W. Descend 70 ft. over rocky W. slope.

8.00 Enter wash of Cherry Creek.

9.50 Cherry Creek, 5 lks. wide, 6 ins. deep, course South.

16.00 Bottom of descent. Leave wash of Cherry Creek.

Ascend 40 ft. to cor. over steep E. slope.

16.60 Irrigation ditch, 10 lks. wide, 6 ins. deep, course S. 20° 00' E.

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

AREA

Total Area - - - - - 22.11 acres

Chains

IMPROVEMENTS

The improvements made upon this claim and belonging to the claimant herein, consist of the following:

A frame dwelling, 20 x 20 ft., course of sides N. and S., the SE. cor. of which bears N. 83° 30' W., 3.60 chs. dist. from cor. No. 4.

Value ----- \$150.00

A frame stable, 18 x 28 ft., course of long sides N. and S., the NE. cor. of which bears N. 87° 30' W., 1.05 chs. dist. from cor. No. 4.

Value ----- \$ 15.00

A frame barn, 8 x 8 ft., course of sides N. and S., the SE. cor. of which bears N. 82° 00' W., 5.35 chs. dist. from cor. No. 4.

Value ----- \$ 15.00

A frame storehouse, 8 x 8 ft., course of sides E. and W., the SW. cor. of which bears N. 17° 30' E., 4.80 chs. dist. from cor. No. 1.

Value ----- \$ 15.00

A dug well, 30 ft. deep, the center of which bears N. 12° 55' E., 6.45 chs. dist. from cor. No. 1.

Value ----- \$ 50.00

A frame dwelling, "L" shaped, 28 ft. on S., 28 ft. on W., 14 ft. on N. and 14 ft. on E. sides, the SW. cor. of which bears N. 19° 00' E., 7.50 chs. dist. from cor. No. 1.

Value ----- \$300.00

A frame chicken house, 10 x 14 ft., course of long sides N. and S., the SW. cor. of which bears N. 23° 45' E., 9.20 chs. dist. from cor. No. 1.

Value ----- \$ 15.00

About 100 bearing apple trees.

Value ----- \$500.00

on plat

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Total value of improvements ----- \$1060.00

DESCRIPTION

This claim is located along Cherry Creek, a perennial stream which furnishes sufficient water for all purposes.

About 3 acres are planted to fruit trees and farmed, and approximately 10 acres can be cultivated. The rest of the area is steep rocky hillsides, suitable for pasture land only.

The soil along the Creek bottom and draw is a sandy loam, well adapted to fruit growing.

The hillsides are covered with dense oak brush, and the bottom land along creek is covered with cottonwood, ash and black walnut.

While this claim is located in a mineralized section, I saw no evidence of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H. E. S. 474 and 475 are a short distance to the South.

Cherry Arizona, the nearest post office is one-half mile to the South. Dewey, Arizona, the nearest railway station, is 15 miles in a Southwesterly direction and is reached by a good wagon road.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	N. 12° 28' W.	23.29	22.74			5.03
2-3	N. 37° 49' E.	7.27	5.74		4.46	
3-4	S. 38° 51' E.	17.89		13.93	11.22	
4-1	S. 36° 17' W.	18.05		14.55		10.68
		66.50	28.48	28.48	15.68	15.71
				28.48		15.68
				.00		.03

Error in Lat. and Dep.
Closing error, 1:2217.

Survey completed December 1, 1916.

A. Long
Surveyor - Forest Service

260

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF ARIZONA

Chains

The location of this survey as hereinbefore stated, is in accordance with its tie to U.S.L.M. No. 2012 A, which is quite accurately located thru its tie from H.E.S. No. 474 and the tie in the listing notes of said H.E.S. No. 474 to B. M. No. 5004, shown on the Jerome Quadrangle of the U.S.G.S. sheets.

Frank A. Frost

U.S. Surveyor General
for Arizona.

June 28, 1918.

Approximately 10 acres can be cultivated. The rest of the area is steep rocky hillides, suitable for pasture land only. The soil along the Greek bottom and draw is a sandy loam, well adapted to fruit growing. The hillides are covered with dense oak brush, and the bottom land along creek is covered with cottonwood, ash and black walnut. While this claim is located in a mineralized section, I saw no evidence of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS
There are no conflicts or adjoining claims. H. E. S. 474 and 475 are a short distance to the South. Cherry Arizona, the nearest post office is one-half mile to the South. Dewey, Arizona, the nearest railway station, is 15 miles in a Southwesterly direction and is reached by a good wagon road.

TRAVEL

Cor.	Course	Dist.	N	S	E	W
1-2	N. 12° E.	23.29	23.29			
2-3	N. 37° E.	17.27	13.74	11.22		4.46
3-4	S. 38° E.	17.89		13.98	11.22	
4-1	S. 36° W.	18.08		14.38		10.68
Total			36.80	38.48	13.66	10.71
Error in Lat. and Dep.				28.43		10.68
Closing error, 1:2317.				00.		03.

Survey completed December 1, 1918.

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.

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 of bearings 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. 477, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 12° 28' W.	23.29	22 74		5 03	² 5 03	5 02	114 15	
2-3	N. 37° 49' E.	7.27	5 74		4 46	4 46	4 46	25 60	
3-4	S. 38° 51' E.	17.89		13 93	11 22	11 22	20 15		280 69
4-1	S. 36° 17' W.	18.05		14 55		10 68	20 71		301 33
		66.50	28 48	28 48	15 68	15 71		139 75	582 02
			28 48	28 48	15 69	15 69			139 75
	Closing error, 1:2217.								20/442 27
	Tie from Cor. No. 1 to Cor. No. 5, H. B. S. 474.								22 11 Acres.
	S. 6° 13' E.	2.27		2 26	25				
	S. 2° 33' E.	2.39		2 39	11				
				4 65	36				

261

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.

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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 477, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
			Traverse from Cor. No. 1 to U. S. L. M. No. 2012 A.						
	S. 6° 13' E.	2.27'		2 26'		25'			
	S. 2° 33' E.	2.39'		2 39'		11'			
	N. 87° 27' E.	9.18'	41'			9 17'			
	S. 18° 09' E.	7.31'		6 95'		2 28'			
	S. 40° 39' E.	13.12'		9 95'		8 55'			
	S. 69° 04' E.	8.89'		3 18'		8 30'			
	N. 34° 16' E.	1.62'	1 34'			91'			
			1 75'	24 73'		29 57'			
				1 75'					
				22 98'					
	Therefore U. S. L. M. No. 2012 A, bears S. 52° 09' E. 37.45 chs. dist. from Cor. No. 1.								

APPROVAL

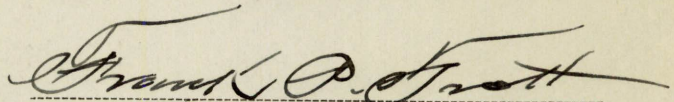
Office of the United States Surveyor General,

Phoenix, Arizona, June 28, 1918

The foregoing field notes of Homestead Entry Survey No.

477

executed by C. A. Long, Surveyor [Forest Service Title.]
under his special instructions, dated May 17, 1916, 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.