

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

DE. 3-1917

FIELD NOTES

OF

MAL-218.8

HOMESTEAD ENTRY SURVEY NO. 474

SITUATED IN THE PRESCOTT NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

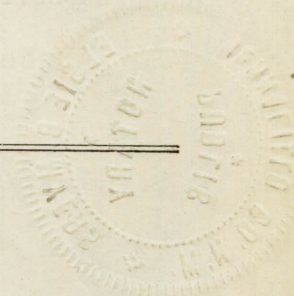
Approximately -
In Section 16, unsurveyed, Township 14 N., Range 3 E.
In Section 17, unsurveyed, Township 14 N., Range 3 E.
In Section 20 & 21 unsurveyed, Township 14 N., Range 3 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA



Applicant for listing Kate Allen,
Residence Cherry, Arizona
Application No. 269, dated June 25, 19 15
List No. 3-3715, dated December 4, 19 15

Applicant for survey Kate Allen,
Residence Cherry, Arizona
H. E. No. 030285, dated May 6, 19 16
Office
Land District Phoenix, Arizona

Survey executed by C. A. Long, Surveyor - Forest Service
[Forest Service Title.]
Under special instructions dated May 17, 1916
Survey commenced November 25, 1916
Survey completed November 27, 1916
Under Acts of June 11, 1906 and August 11, 1916

204

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. **474**, 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**.

C. K. Harriman

Chairman

Subscribed and sworn to before me this **sixth** day of

December, 19 **16**.

Elsie C. Dwyer

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 instructions 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**

List, No. **3-3715**, dated **December 4, 1915**, for **Patent**, under the Act of **June 11, 1906**, the same to be known as Homestead Entry Survey No. **474**, situated within the **PRESCOTT** National Forest, in **approx-)** unsurveyed Section **16**, Township **14 N.**, Range **3 E.**, and **imately)** unsurveyed Section **17**, Township **14 N.**, Range **3 E.**, and **)** unsurveyed Section **20 & 21**, Township **14 N.**, Range **3 E.**

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. Gutchall

Notary Public.



8-2349

My Commission expires Mar. 17 1921

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Kate Allen; Application No. 269, dated June 25, 1915; List No. 3-3715, dated December 4, 1915; H. E. 030285, made in the Phoenix Land Office on May 6, 1916 by Kate Allen.

Surveyed under special instructions from the Surveyor General for Arizona, dated May 17, 1916 and designated as Homestead Entry Survey No. 474.

Situated in what will probably be, when surveyed, secs. 16, 17, 20 & 21, T. 14 N., R. 3 E. of the Gila and Salt River Base and Meridian, within the Prescott National Forest, Arizona.

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

Survey commenced November 25, 1916 and executed with a Buff and Buff 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 25, 1916.

At cor. H-5 of the list survey, and what will be cor. No. 1 of this survey, at 4h. 51.9m. p.m., l.m.t., I observe Polaris with telescope direct, reading an angle of $54^{\circ} 11' 30''$ from star to left to a lone pine tree on prominent rocky point about three miles dist.

Lat. $34^{\circ} 35' 02''$ N., Long. $112^{\circ} 02' 35''$ W., derived from U. S. G. S. topographic sheet of Jerome Quadrangle.

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STATE OF ARIZONA

Chains

Greenwich m.t. U.C. Pol., Nov. 25, 1916, 9h. 13.1m. p.m.

Correction for Longitude, 01.2m.

l.m.t. U.C. Pol., November 25, 1916, 9h. 11.9m. p.m.

l.m.t. of obsn., November 25, 1916, 4h. 51.9m. p.m.

Hour Angle of Pol., 4h. 20.0m.

Azimuth of Pol. at obsn., 181° 15' 23" ✓

54° 11' 30" ✓

Azimuth of reference mark, 127° 03' 53" ✓

180° 00' 00" ✓

Bearing of reference mark, N. 52° 56' 07" W.

At 5h. 01.9m. p.m., l.m.t., I again observe Polaris with telescope reversed, and obtain an angle of 54° 10' between the same reference mark and Polaris. Mark is West of star.

l.m.t. U.C. Pol., November 25, 1916, 9h. 11.9m. p.m.

l.m.t. of obsn., November 25, 1916, 5h. 01.9m. p.m.

Hour Angle of Pol., 4h. 10.0m.

Azimuth of Pol. at obsn., 181° 13' 54" ✓

54° 10' 00" ✓

Azimuth of reference mark, 127° 03' 54" ✓

180° 00' 00" ✓

Bearing of reference mark, N. 52° 56' 06" W.

The bearing of reference mark as determined by taking the mean of the two observations, is N. 52° 56' 06" W., and from the corresponding meridian all the courses of this survey were deflected.

November 26, 1916.

Beginning at cor. No. 1.

Identical with cor. H-5 of the list survey, which is a granite stone 3 x 10 x 18 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite

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Chains stone 3 x 3 x 3 ins. marked with a +, 15 ins. in the ground, over which set a granite stone 4 x 12 x 25 ins. chiseled + for the point and 1 - H E S 474 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A walnut tree, 12 ins. dia., bears N. 32° 00' E., 74 lks. dist.

A walnut tree, 10 ins. dia., bears S. 48° 05' W., 192 lks. dist.

Each blazed and scribed 1 H E S + 474 B T.

U. S. L. M. No. 2012A (marked 204A), which is a + cut on a granite boulder showing 18 x 30 x 24 ins. above ground and marked U S L M 204A, and witnessed as described by the Surveyor General, bears S. 78° 42' E., 9.39 chs. dist., by traverse which appears at the end of these notes.

Cor. No. 3 of Prize Millsite Survey No. 2012B, which is a granite stone 10 x 3 x 12 ins. above ground, marked and witnessed as described by the Surveyor General, bears S. 23° 54' E., 1.42 chs. dist.

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

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

Thence S. 31° 26' W.

Ascend 60 ft. to cor. over gradual slope, over open land.

1.00 Begin ascent of steep NE. slope. Enter dense oak brush.

3.82 To cor. No. 2.

Identical with cor. H-6 of the list survey, which is a granite stone 3 x 8 x 16 ins. above ground, marked and witnessed as described by the Forest Service. I

Chains

destroy all trace of this list cor. Deposit a granite stone 2 x 3 x 4 ins. marked with a +, 14 ins. in the ground, over which set a granite stone 12 x 12 x 24 ins. chiseled + for the point and 2 - H E S 474 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence:

An oak, 5 ins. dia., blazed and scribed

2 H E S + 474 B T, bears S. 64° 25' E.,

44 lks. dist.

No other trees in limits. Pits impracticable.

Thence N. 39° 08' W.

Descend 50 ft. to cor. over steep rocky N. slope, through dense oak brush.

2.30 Bottom of steep descent. Thence descend gradually.

2.40 Road bears N. 70° 00' E. and S. 70° 00' W.

2.50 Fence cor., from which fences bear N. 70° 00' E. and N. 39° 08' W. Thence along E. side of fence, 2 lks. dist.

5.56 To cor. No. 3.

Identical with cor. H-7 of the list survey, which is a granite stone 6 x 10 x 16 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite stone 2 x 2 x 3 ins. marked with a +, 18 ins. in the ground, over which set a granite stone 8 x 14 x 28 ins. chiseled + for the point and 3 - H E S 474 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence:

A walnut tree, 12 ins. dia., blazed and

scribed 3 H E S + 474 B T, bears S. 35°

10' E., 328 lks. dist.

No other trees in limits. Pits impracticable.

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Chains	Thence S. 77° 29' W.
	Ascend 60 ft. over gradual E. slope, along N. side of wire fence.
1.30	Wire fence, bears N. 40° 00' W. and S. 40° 00' E.
2.20	Road, bears N. 40° 00' W. and S. 40° 00' E.
2.30	NE. cor. of frame chicken house on line.
5.40	Leave wire fence bearing South.
7.10	Top of ridge, bears N. and S. Descend 30 ft. to cor. over gradual W. slope.
9.60	Wire fence, bears N. 10° 00' W. and S. 10° 00' E.
	Thence along N. side of wire fence which bears with line.
11.76	To cor. No. 4.
	On E. bdy. of H. E. S. No. 475.
	Identical with cor. H-1 of the list survey, which is a granite stone 8 x 10 x 20 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite stone 2 x 4 x 4 ins. marked with a + 16 ins. in the ground, over which set a granite stone 6 x 8 x 26 ins. chiseled + for the point and 4 - H E S 474 on NE. face; and raise a mound of stone 3 ft. base, 4 ft. high NE. of cor., whence:
	An oak, 8 ins. dia., bears N. 17° 15' W., 9 lks. dist.
	An oak, 8 ins. dia., bears S. 45° 32' W., 30 lks. dist.
	Each blazed and scribed 4 H E S + 474 B.T..
	Cor. No. 1 of H. E. S. 475, a granite stone 8 x 12 x 24 ins. in mound of stone, chiseled + on top and 1 - H E S 475 on NW. face, with mound of stone 4 ft. base, 3 ft. high NW. of cor., bears S. 9° 30' E., 7.24 chs. dist.

Chains

by direct measurement.

Thence N. 9° 30' W.

Along the E. bdy. of H. E. S. 475. Ascend 5 ft. over gradual S. slope, through dense oak brush.

2.00 Top of ridge, bears E. and W. Descend 23 ft. over gradual N. slope. Leave oak brush.

3.30 Enter lane.

6.95 Wire fence, bears E. and W. Leave lane, bearing N. 9° 30' W. and S. 9° 30' E., and enter lane bearing E. and W.

7.06 Dewey - Camp Verde road, bears E. and W. Bottom of descent. Ascend 70 ft. to cor. over gradual S. slope.

7.36 Wire fence, bears E. and W. Leave lane and enter orchard.

8.76 Leave orchard. Wire fence, bears E. and W. Enter dense oak brush.

9.50 Irrigation ditch, 5 lks. wide, 6 ins. deep, course West.

18.20 To cor. No. 5. Also cor. No. 5 of H. E. S. 475.

Identical with cor. H-2 of List 3-3715 and cor. H-1 of List 3-3716, which is a granite stone 10 x 12 x 16 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a granite stone 2 x 3 x 4 ins. marked with at 12 ins. in the ground, over which set a granite stone 8 x 8 x 22 ins. (no longer stone available) chiseled + for the point and 5 - H E S 474 on SE. face and 5- H E S 475 on SW. face; and raise a mound of stone 3 ft. base, 2 ft. high SE. and SW. of cor., whence:

A juniper, 4 ins. dia., blazed and scribed

5 H E S + 474 B T, bears N. 11° 50' W.,

65 lks. dist.

No other trees in limits. Pits impracticable.

Cor. No. 1 of H. E. S. 477, a granite stone 8 x 16 x 9 ins. above ground, marked + on top and

PRESCOTT NATIONAL FOREST

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Chains

1 H E S 477 on N. face, bears N. 4° 25' W.,
4.66 chs. by direct measurement.

November 26, 1916.

November 27, 1916.

Thence N. 87° 27' E.

Descend 120 ft. over steep E. slope, through dense oak brush.

4.55 Irrigation ditch, 5 lks. wide, 6 ins. deep, course S. 10° 00' E.

4.60 Cor. of fence, is 3 lks. S. of line, from which fences bear S. 10° 00' E. and with line.

6.50 Leave fence bearing S. 10° 00' E.

7.00 Cherry Creek, a stream of good water, 3 lks. wide, 2 ins. deep, course S. 10° 00' E. Bottom of descent. Ascend 25 ft. to cor.

9.18 To cor. No. 6.

Identical with cor. H-3 of the list survey, which is a granite stone 20 x 4 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite stone 2 x 2 x 4 ins. marked with a + 20 ins. in the ground, over which set a granite stone 8 x 16 x 30 ins. chiseled + for the point and 6 - H E S 474 on SW. face; and raise a mound of stone 3 ft. base, 2 ft. high SW. of cor., whence:

A cherry tree, 10 ins. dia., blazed and scribed

6 H E S + 474 B T, bears N. 42° 15' E.,

118 lks. dist.

No other trees in limits. Pits impracticable.

Thence S. 18° 09' E.

Ascend 10 ft. along steep rocky W. slope, through dense oak brush.

Chains
3.80

Top of ascent. Descend 26 ft. to cor. along rocky W. slope.

7.31

To cor. No. 7.

Identical with cor. H-4 of the list survey, which is an oak tree, 12 ins. dia., marked and witnessed as described by the Forest Service. I destroy the marks referring to the list survey and blaze and scribe the same tree 7 - H E S + 474 on W. face for cor. No. 7 of this survey; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A cottonwood, 16 ins. dia., bears S. 5° 00' W., 170 lks. dist.

An ash, 30 ins. dia., bears S. 57° 31' W., 189 lks. dist.

Each blazed and scribed 7 - H E S + 474 B T.

Thence S. 40° 39' E.

Descend 40 ft. over W. slope, through dense oak brush.

2.40

Dewey - Camp Verde road, bears E. and W.

10.72

Cherry Creek, 5 lks. wide, 2 ins. deep, course S. 50° 00' E.

13.12

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

AREA

Total Area - - - - - 21.31 acres.

Approximate area in conflict with the Cottonwood lode, Sur. No. 2158, 5.77 acres.

IMPROVEMENTS

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

A corrugated iron barn, 32 x 45 ft., course of long sides NE. and SW., the S. cor. of which bears N. 31° 20' E., 80 lks. dist from cor. No. 4.

Value ----- \$ 50.00

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Chains A frame barn, 26 x 34 ft., course of long sides N. and S., the NE. cor. of which bears S. 29° 20' W., 5.65 chs. dist., from cor. No. 7.

Value ----- \$ 50.00

A frame dwelling, 12 x 16 ft., course of long sides N. and S., the SE. cor. of which bears S. 41° 55' W., 9.05 chs. dist. from cor. No. 7.

Value ----- \$150.00

A frame dwelling, 18 x 30 ft., course of long sides N. and S., the NE. cor. of which bears S. 52° 00' W., 5.85 chs. dist. from cor. No. 7.

Value ----- \$200.00

A frame dwelling, 32 x 32 ft., course of sides N. and S., the SE. cor. of which bears S. 52° 25' W., 3.60 chs. dist. from cor. No. 7.

Value ----- \$400.00

A frame toilet 6 x 8 ft., course of long sides N. and S. the SE. cor. of which bears S. 73° 30' W., 2.91 chs. dist. from cor. No. 7.

Value ----- \$ 10.00

A dug well, 30 ft. deep, the center of which bears S. 89° 15' W., 4.60 chs. dist. from cor. No. 7.

Value ----- \$150.00

A frame chicken house, 10 x 10 ft., course of sides N. and S., the SE. cor. of which bears S. 84° 00' W., 5.42 chs. dist. from cor. No. 7.

Value ----- \$ 25.00

About one mile of barbed wire fencing.

Value ----- \$100.00

1000 bearing apple trees.

Value ----- \$5000.00

Total value of improvements ----- \$6135.00

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HOMESTEAD ENTRY SURVEY NO. 474

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

DESCRIPTION

Chains

This claim is located along Cherry Creek, a perennial stream capable of furnishing ample water for all purposes.

The soil is a sandy loam, well adapted to fruit growing. There are about 1000 bearing apple trees on the claim, which yield abundantly.

There is no merchantable timber, or evidence of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

This claim conflicts with the surveyed Cottonwood Lode claim, survey No. 2158 (abandoned) and was included in the Homestead Survey upon the request of claimant, after having had Section 26 of Circular No. 235 read and explained. A written agreement conforming to the said Section 26 of Circular 235 was secured from the claimant.

This claim is joined on the West by H. E. S. 475, John G. Allen, claimant. H. E. S. 477 lies approximately 5 chs. to North. Prize Millsite, Survey No. 2012 B lies about 1 ch. SE. Saint Louis Lode, Survey No. 2277 is about 2 chs. NE. from cor. No. 1, and Prize lode Survey No. 2012 A lies about 8 chs. to the East. Cherry, Arizona, the nearest post office, is on the claim. Dewey, Arizona, the nearest trading place and railroad station, is 15 miles in a Southwesterly direction and is reached by a good wagon road.

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11.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE

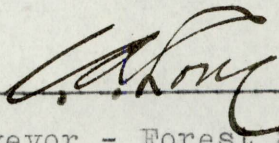
Cor.	Course	Dist.	N	S	E	W
1-2	S. 31° 26' W.	3.82		3.26		1.99
2-3	N. 39° 08' W.	5.56	4.31			3.51
3-4	S. 77° 29' W.	11.76		2.55		11.48
4-5	N. 9° 30' W.	18.20	17.95			3.00
5-6	N. 87° 27' E.	9.18	0.41		9.17	
6-7	S. 18° 09' E.	7.31		6.95	2.28	
7-1	S. 40° 39' E.	13.12		9.95	8.55	
			<u>68.95</u>	<u>22.67</u>	<u>20.00</u>	<u>19.98</u>

Error in Lat. and Dep.

22.67 19.98
.04 .02

Closing error, 1:1542.

Survey completed November 27, 1916.



Surveyor - Forest Service

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

Chains

[Faint signature]

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.
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. 474, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1-2	S. 31° 26' W.	3.82		3 26		1 99	37 99'		123 85'		
2-3	N. 39° 08' W.	5.56	4 31	#		3 51	32 49'	140 03'			
3-4	S. 77° 29' W.	11.76		2 55		11 48	17 50'		44 45'		
4-5	N. 9° 30' W.	18.20	17 95			3 00	3 01'	54 09'			
5-6	N. 87° 27' E.	9.18	41				9 17'	3 76'			
6-7	S. 18° 09' E.	7.31		6 95		2 28	20 62'		143 31'		
7-1	S. 40° 39' E.	13.12		9 95		8 55	31 44'		312 51'		
		68.95	22 67	22 71	20 00	19 98		197 88	624 12		
			22 69	22 69	19 99	19 99			197 88		
	Closing error, 1:1542.								20/426 24'	21 31 Acres.	
			Tie from Cor. No. 1 to U. S. L. M. No. 2012 A.								
	S. 69° 04' E.	8.89		3 18	8 30						
	N. 34° 16' E.	1.62	1 34		91						
			1 34	3 18	9 21						
				1 34							
				1 84							
	N. 78° 42' W.	9.39	1 84			9 21					
		9.39	1 84	1 84	9 21	9 21					

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APPROVAL

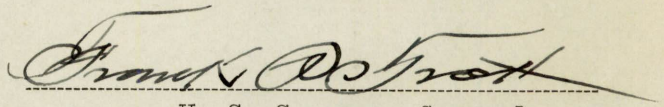
Office of the United States Surveyor General,

Phoenix, Arizona, June 28, 1918

The foregoing field notes of Homestead Entry Survey No.

474

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.