

189.

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

DEC 3- 1917

**FIELD NOTES**

MAR-2 1918

OF

HOMESTEAD ENTRY SURVEY NO. 473

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

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

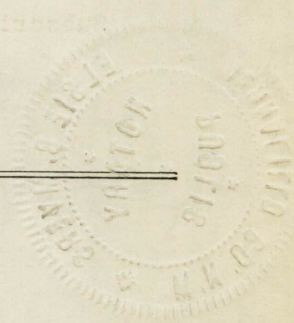
300.  
Section 21 010

of the

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

State of

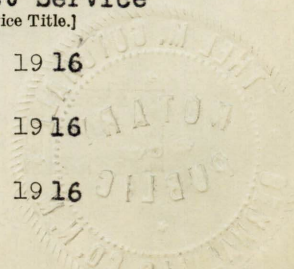
**ARIZONA**



Applicant for listing **Josephine DeKuhn,**  
Residence **Cherry, Arizona**  
Application No. **265** , dated **April 2** , 1915  
List No. **3-3641** , dated **August 12** , 1915

Applicant for survey **Josephine DeKuhn,**  
*Norval N. Cherry*  
Residence **Cherry, Arizona**  
H. E. No. **028949** , dated **December 4** , 1915 *Relinquished 5-17, 1917*  
*034625*  
Office " *May 18, 1917*  
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 **December 1** , 1916  
Survey completed **December 2** , 1916  
Under Acts of **June 11, 1906 and August 11, 1916**



190

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. **473**, 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**.

*E. K. Harriman*

*Chairman*

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

*Ernie C. Myers*

Notary Public

My Commission expires April 30, 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

**List**, No. **3-3641**, dated **August 12**, 19**15**, for  
**Patent**, under the Act of **June 11**, 19**06**,  
the same to be known as Homestead Entry Survey No. **473**,  
situated within the **PRESCOTT** National Forest, in  
Approx-) **unsurveyed Section 16**, Township **14 N.**, Range **3 E.**, and  
imately) **unsurveyed Section 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, Josephine DeKuhn; Application No. 265, dated April 2, 1915; List No. 3-3641, dated August 12, 1915; H. E. 028949, made in the Phoenix Land Office on December 4, 1915 by Josephine DeKuhn.

Surveyed under special instructions from the Surveyor General for Arizona, dated May 17, 1916 and designated as Homestead Entry Survey No. 473.

Situated in what will probably be, when surveyed, secs. 16 and 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 December 1, 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.

December 1, 1916.

At cor. H-1 of the list survey, and what will be cor. No. 1 of this survey, hereinafter described, at 4h. 38.2m. p.m., l.m.t., I observe Polaris with telescope direct, and read an angle of 58° 45' from Polaris to the left to a lone pine tree on prominent rocky point about three miles dist.

Lat. 34° 35' N., Long. 112° 02' 15" W., derived from Jerome Quadrangle U. S. G. S.

Chains

Greenwich m.t. U.C. Pol., Dec. 1,, 1916, 8h. 49.4m. p.m.

Correction for Longitude, 01.2m.

1.m.t. U.C. Pol., December 1, 1916; 8h. 48.2m. p.m.

1.m.t. of obsn., December 1, 1916, 4h. 38.2m. p.m.

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

Azimuth of Pol. at obsn., 181° 13' 42"

58° 45' 00"

Azimuth of reference mark, 122° 28' 42"

180° 00' 00"

Bearing of reference mark, N. 57° 31' 18" W.

At the same cor. at 4h. 48.2m. p.m., 1.m.t., I again observe Polaris with telescope reversed, and obtain an angle of 58° 43' between the same reference mark and Polaris.

1.m.t. U.C. Pol., December 1, 1916, 8h. 48.2m. p.m.

1.m.t. of obsn., December 1, 1916, 4h. 48.2m. p.m.

Hour Angle of Pol., 4h. 00.0m.

Azimuth of Pol. at obsn., 181° 12' 00"

58° 43' 00"

Azimuth of reference mark, 122° 29' 00"

180° 00' 00"

Bearing of reference mark, N. 57° 31' 00" W.

The bearing of reference mark as determined by taking the mean of the two observations is N. 57° 31' 09" W., and from the corresponding meridian all the courses of this survey were deflected.

BOUNDARIES OF CLAIM

December 2, 1916.

Beginning at cor. No. 1.

Identical with cor. H-1 of the list survey, which is a granite stone 5 x 8 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a porphyry

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

stone 2 x 3 x 5 ins. marked with a +, 14 ins. in the ground, over which set a granite stone 6 x 14 x 24 ins. chiseled + for the point and 1 - H E S 473 on SE. face; and raise a mound of stone 3 ft. base, 2 ft. high SE. of cor., whence:

An oak, 6 ins. dia., bears S. 65° 38' E.,  
30 lks. dist.

An oak, 6 ins. dia., bears S. 7° 13' E.,  
55 lks. dist.

Each blazed and scribed 1 H E S + 473 B T.

Cor. No. 2, Prize Lode, Survey No. 2012A, which is a granite stone 6 x 10 x 12 ins. above ground, well set, marked and witnessed as described by the Surveyor General, bears N. 33° 31' W., 5.73 chs. dist., by direct measurement.

U. S. L. M. No. 2012A, which is a + cut on top of a granite boulder 18 x 30 x 24 ins. above ground, with U S L M 204A chiseled around the + and witnessed as described by the Surveyor General, bears N. 89° 13' W., 11.03 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 corrected for diurnal change gives a mean mag. decl. of 15° 14' E.

Lat. 34° 35' N., Long. 112° 02' 15" W., derived from Jerome Quadrangle, U. S. G. S.

Thence N. 81° 26' E.

Over rolling S. slope, through dense oak brush.

- 1.20 Spring branch, 2 lks. wide, 1 in. deep, course S.
- 1.30 Wire fence bears N. 60° 00' E. and S. 60° 00' W.
- 7.30 Wire fence bears E. and W.
- 16.30 Wash, 20 lks. wide, course S.
- 20.86 To cor. No. 2.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Identical with cor. H-4 of the list survey, which is a granite stone 8 x 8 x 12 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 +, 15 ins. in the ground, over which set a granite stone 6 x 16 x 25 ins. chiseled + for the point and 2 - H E S 473 on SW. face; and raise a mound of stone 3 ft. base, 2 ft. high SW. of cor., whence:

An oak, 8 ins. dia., blazed and scribed

2 H E S + 473 B T, bears N. 2° 33' W.,

156 lks. dist.

No other trees in limits. Pits impracticable.

Thence S. 29° 51' W.

Descend 66 ft. over steep W. slope, through dense oak brush.

4.90 Bottom of descent in draw, course SW. Ascend 30 ft. over rocky W. slope.

9.70 Top of rocky spur bears NW. and SE. Descend 75 ft. along rocky W. slope.

16.30 Dewey - Camp Verde road, bears NW. and SE.

18.20 Cherry Creek, a stream of good clear water, 5 lks. wide, 6 ins. deep, course SE. Bottom of descent. Ascend 70 ft. to cor. over rocky N. slope.

23.37 To cor. No. 3.

Identical with cor. H-3 of the list survey, which is a granite stone 6 x 8 x 12 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 10 x 10 x 26 ins. chiseled + for the point and 3 - H E S 473 on NW. face;

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains	and raise a mound of stone 3 ft. base, 2 ft. high NW.
	of cor., whence:
	A juniper, 5 ins. dia., bears N. 52° 10' W., 100 lks. dist.
	A juniper, 6 ins. dia., bears S. 34° 20' W., 109 lks. dist.
	Each blazed and scribed 3 H E S + 473 B T.
<hr/>	
	Thence N. 77° 31' W.
	Ascend 25 ft. to cor. along rolling N. slope, through dense oak brush.
5.98	To cor. No. 4.
	Identical with cor. H-2 of the list survey, which is a granite stone 14 x 10 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite stone 3 x 3 x 4 ins. marked with a +, 17 ins. in the ground, over which set a granite stone 6 x 12 x 27 ins., chiseled + for the point and 4 - H E S 473 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:
	A juniper, 4 ins. dia., blazed and scribed 4 H E S + 473 B T, bears S. 38° 30' W., 45 lks. dist.
	No other trees in limits. Pits impracticable.
<hr/>	
	Thence N. 11° 12' W.
	Descend 85 ft. to creek, over steep N. slope, through dense oak brush.
5.80	Cherry Creek, a stream of pure clear water, 5 lks. wide,
	6 ins. deep, course S. 60° 00' E. Bottom of descent.
	Ascend 70 ft. to cor. over rolling land.
6.00	Dewey - Camp Verde road, bears S. 60° 00' E. and N. 60°
	00' W.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains  
16.17

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

AREA

Total Area - - - - - 23.51 acres  
Approx. area in conflict with the Toodles  
mining claim, unsurveyed. 5.07 acres

IMPROVEMENTS

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

An "L" shaped frame dwelling, 36 ft. on North, 36 ft.  
on E. sides, and 18 ft. on S. and 18 ft. on W. ends,  
the SE. cor. of which bears N. 25° 05' E., 8.25 chs.  
dist. from cor. No. 3.

Value ----- \$300.00

A frame chicken house, 8 x 12 ft., course of long sides  
N. and S., the SW. cor. of which bears N. 18° 40' E.,  
10.60 chs. dist. from cor. No. 3.

Value ----- \$ 15.00

A frame barn, 20 x 24 ft., course of long sides N. and  
S., the SW. cor. of which bears N. 10° 30' E., 12.45  
chs. dist. from cor. No. 3.

Value ----- \$ 25.00

A frame barn, 12 x 12 ft., course of sides E. and W.,  
the SE. cor. of which bears N. 5° 15' W., 8.70 chs.  
dist. from cor. No. 3.

Value ----- \$ 25.00

About 1/2 mile of barbed wire fencing.

Value ----- \$ 50.00

Total value of improvements ----- \$415.00

DESCRIPTION

This claim is situated along Cherry Creek, on steep roll-  
ing hills covered with a dense growth of scrub oak.



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Cherry Creek, which is a perennial stream, is capable of supplying sufficient water for all purposes. The claim cannot be conveniently irrigated owing to the uneven surface.

The soil is a second rate, rocky, sandy loam, unsuitable for agricultural purposes.

None of the area is cultivated.

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

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CONFLICTS AND ADJOINING CLAIMS

There are no adjoining claims. The patented Prize Lode, Survey No. 2012A, is nearby to the West, approximately 3 chs. dist. Saint Louis Lode, Survey No. 2277, lies approximately 10 chs. to NW. Prize Millsite, Survey No. 2012 B, lies approximately 12 chs. to West. Cottonwood Lode, Survey No. 2158, lies approximately 17 chs. to West, and H. E. S. No. 474, lies westerly, approximately 21 chs. This survey conflicts with the unsurveyed and abandoned Toodles Mining Claim. In this connection, Sec. 26 of Circular No. 235 was read and explained to the applicant, who signed an agreement to bear the expense of an amended survey should it be found necessary to eliminate the area in conflict.

Cherry, Arizona, the nearest post office, is about 3/4 mile dist. in a Northwesterly direction. Cherry Creek, Arizona, the nearest railroad station, is about 15 miles in a Westerly direction and is reached by a good wagon road.

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Chains	TRAVERSE						
	Cor.	Course	Dist.	N	S	E	W
1-2		N.81° 26' E.	20.86	3.11		20.63	
2-3		S.29° 51' W.	23.37		20.27		11.63
3-4		N.77° 31' W.	5.98	1.29			5.84
4-1		N.11° 12' W.	16.17	15.86			3.14
			<u>66.38</u>	20.26	20.27	20.63	20.61
					<u>20.26</u>	<u>20.61</u>	
		Error in Lat. and Dep.			.01	.02	
		Closing error, 1:2968					
		Survey completed December 2, 1916.					

*R. L. Johnson*

Surveyor - Forest Service

DIRECTIONS.—1. Carry out calculation 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. 473, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
1-2	N. 81° 26' E.	20.86	3 11		20 63	11 63	20 62	64 13		
2-3	S. 29° 51' W.	23.37		20 27		5 84	29 60		599 70	
3-4	N. 77° 31' W.	5.98	1 29			3 14	12 12	15 63		
4-1	N. 11° 12' W.	16.17	15 86				3 14	49 80		
		66.38	20 26	20 27	20 63	20 61		129 56	599 70	
	Closing error, 1:2968.		20 26	20 26	20 62	20 62		129 56		
								20/470 14		
								23 51 Acres.		
	S. 88° 15' W.	2.24		07		2 24				
	N. 88° 34' W.	8.79	22			8 79				
			22	07		11 03				
			07							
	S. 89° 13' E.	11.03	15							
				15	11 03					
			15	15	11 03	11 03				

199

APPROVAL

Office of the United States Surveyor General,

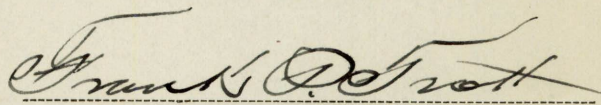
Phoenix, Arizona, June 28, 1918

The foregoing field notes of Homestead Entry Survey No.

473

executed by C. A. Long, Surveyor  
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.

[Forest Service Title.]



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.