

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

267  
JUL 20 1917

**FIELD NOTES**

OF

MAR 14 1918  
MAY 24 1918

HOMESTEAD ENTRY SURVEY NO. 478

SITUATED IN THE PRESCOTT NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

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

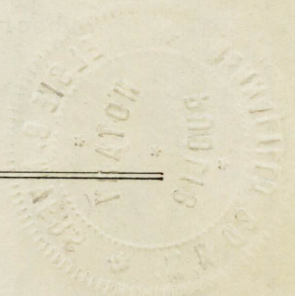
In Section 22, unsurveyed, Township 14 N., Range 3 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA



Applicant for listing L. N. Wombacher,

Residence Cherry, Arizona

Application No. 281, dated January 14, 1916

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

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 December 2, 1916

Survey completed December 4, 1916

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



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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. **478**, 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. R. Harman*  
-----  
*Chairman*  
-----  
-----  
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Subscribed and sworn to before me this **sixth** day of  
**December**, 19**16**.

*Eme 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. **281**, dated **January 14**, 19**16**, for  
**Patent**, under the Act of **June 11**, 19**06**,  
the same to be known as Homestead Entry Survey No. **478**,  
situated within the **PRESCOTT** National Forest, in  
approx-) **unsurveyed Section 21**, Township **14 N.**, Range **3 E.**, and  
imately) **unsurveyed Section 22**, 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 **Twenty-ninth** day of  
**March**, 19**17**

*Ethel M. Gutschall*  
-----  
**Notary Public.**



8-2349

*My Commission expires Mar. 17 1921*



PRESCOTT NATIONAL FOREST

1.

STATE OF ARIZONA

Chains Applicant for listing, L. N. Wombacher, Application No. 281, dated January 14, 1916.  
 Surveyed under special instructions from the Surveyor General for Arizona, dated May 17, 1916 and designated as Homestead Entry Survey No. 478.  
 Situated in what will probably be, when surveyed, Secs. 21 and 22, T. 14 N., R. 3 E., 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, under the Cooperative Plan.

Survey commenced December 2, 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; and the slope angles were determined with a clinometer.

December 2, 1916.

At cor. No. 1, hereinafter described, at 3h. 44.3m.p.m.,

1.m.t., I observe Polaris with telescope direct, reading an angle of  $37^{\circ} 42'$  from Polaris to right to a reference mark about two miles dist.

Lat.  $34^{\circ} 34' 57''$  N., Long.  $112^{\circ} 01' 42''$  W., from U. S.

G. S. topographic sheet of Jerome Quadrangle.

Greenwich m.t. U. C. Pol., Dec. 2, 1916, 8h. 45.5m.p.m.

Correction for Longitude - 01.2m.

1.m.t. U.C. Pol., December 2, 1916, 8h. 44.3m.p.m.

1.m.t. of obsn., December 2, 1916, 3h. 44.3m.p.m.

Hour Angle Polaris, 5h. 00.0m.



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Azimuth of Pol at obsn.  $1^{\circ} 20' 00''$   
 $+ 37^{\circ} 42' 00''$   
 Bearing of reference mark,  $39^{\circ} 02' 00''$

At 3h. 54.3m. p.m., 1.m.t., I again observe Polaris with telescope reversed, reading an angle of  $37^{\circ} 43'$  from star to right to the same reference mark.

1.m.t. U. C. Pol., December 2, 1916, 8h. 44.3m.p.m.  
 1.m.t. of obsn., December 2, 1916, 3h. 54.3m.p.m.  
 Hour Angle Polaris, 4h. 50.0m.

Azimuth of Pol at obsn.  $1^{\circ} 18' 00''$   
 $+ 37^{\circ} 43' 00''$   
 Azimuth of reference mark  $39^{\circ} 02' 00''$

The bearing of reference mark as determined from the two observations is N.  $39^{\circ} 02'$  E., and from the corresponding meridian all the courses of this survey were deflected.

December 3, 1916.

Beginning at cor. No. 1.

Point falls on a granite ledge 8 ft. high on N. side, 4 ft. wide on top and flush with surface of ground on S. side. I chisel a + on N. edge and 1 - H E S 478

on N. face for cor. No. 1 of this survey; and raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:

A juniper, 4 ins. dia., blazed and scribed 1 H E S 478 + B T, bears S.  $7^{\circ} 39'$  E., 66 lks dist.

No other trees available. Pits impracticable.

8h. 44.3m.p.m.	1.m.t. U.C. Pol., December 2, 1916
3h. 54.3m.p.m.	1.m.t. of obsn., December 2, 1916
4h. 50.0m.	Hour Angle Polaris



## PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains	<p>Cor. No. 3 of H. E. S. 473, a granite stone 10 x 10 x 10 ins. above ground, marked + at the point and 3 - H E S 473 on NW. face, with mound of stone 3 ft. base, 2 ft. high NW. of cor., bears N. 69° 15' W., 25.19 chs. dist., by direct measurement.</p> <p>U. S. L. M. No. 2012A (marked 204A), which is a + on a granite boulder showing 24 x 24 x 30 ins. above ground, with U S L M 204A chiseled around the + and witnessed as described by the Surveyor General, bears N. 58° 58' W., 50.87 chs. dist., by traverse which appears at the end of these notes.</p> <p>The observed mag. decl. at 8:00 a.m. is 15° 15' E., which gives a mean mag. decl. of 15° 14' E.</p> <p>Lat. 34° 34' 57" N., Long. 112° 01' 42" W., derived from U. S. G. S. topographic sheet of Jerome Quadrangle.</p> <p>Thence N. 36° 41' E.</p> <p>Descend 60 ft. over steep N. slope, through dense oak brush.</p> <p>2.00 Bottom of descent. Cherry Creek, 5 lks. wide, 2 ins. deep, course E. Ascend 75 ft. over S. slope.</p> <p>5.00 Flume to old stamp mill, 18 x 12 ins., course NE.</p> <p>11.25 Top of ascent. Descend 30 ft. to cor. over rolling SE. slope.</p> <p>20.20 Wash, 10 lks. wide, course SE.</p> <p>21.15 Dim road bears E. and W.</p> <p>22.82 To cor. No. 2.</p> <p>Deposit a granite stone 3 x 4 x 6 ins. marked with a +, 14 ins. in the ground, over which set a granite stone 6 x 10 x 24 ins., chiseled + for the point and 2 - H.E S 478 on SE. face; and raise a mound of stone 3 ft. base, 2 ft. high SE. of cor., whence:</p> <p>An oak, 8 ins. dia., blazed and scribed</p>
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Chains

2 H E S 478 + B T, bears N. 83° 20' W.,  
86 lks. dist.

No other bearings available. Pits imprac-  
ticable.

Thence S. 89° 50' E.

Descend 16 ft. to cor. over rolling S. slope, through  
dense oak brush.

17.67 To cor. No. 3.

Identical with cor. No. 4 of Gold Bar Lode, Survey No.  
2007, which is a granite stone 14 x 10 x 10 ins. above  
ground, marked and witnessed as described by the Sur-  
veyor General. I mark the same stone 3 - H E S 478 on  
SW. face; and raise a mound of stone 3 ft. base, 2 ft.  
high SW. of cor., whence:

A + on a granite boulder in place 6 x 4 x 3  
ft. above ground, marked B R G B 4 2007,  
bears S. 22° 25' E., 30 lks. dist. I mark  
the same stone 3 H E S 478 B R.

A + on a granite boulder in place 4 x 4 x 2  
ft. above ground, marked B R G B 4 2007,  
bears S. 71° 57' W., 23 lks. dist. I mark  
the same stone 3 H E S 478 B R.

Thence S. 4° 33' W.

Descend 120 ft. over steep S. slope; through dense oak  
brush. Along line 4-3 of Gold Bar Lode Survey No. 2007.

14.00 Bottom of descent. Cherry Creek, 10 lks. wide, 6 ins.  
deep, course E. Ascend 130 ft. to cor. over steep N.  
slope.

17.80 To cor. No. 4.

Deposit a granite stone 3 x 3 x 4 ins. marked with a  
+, 18 ins. in the ground, over which set a granite  
stone 6 x 8 x 28 ins., chiseled + for the point and



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

4 - H E S 478 on NW. face; and raise a mound of stone  
3 ft. base, 2 ft. high NW. of cor., whence:

An oak, 8 ins. dia., blazed and scribed  
4 H E S 478 + B T, bears N. 83° 49' E.,  
58 lks. dist.

No other trees in limits. Pits impracti-  
cable.

Cor. No. 3 of the Gold Bar Lode, Survey No. 2007  
which is a granite stone 6 x 12 x 12 ins. above  
ground marked and witnessed as described by  
the Surveyor General, bears S. 4° 33' W. 4.93  
chs. by direct measurement.

December 4, 1916.

Thence S. 89° 05' W.

Over rolling N. slope, through dense oak brush.

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

AREA

Total Area - - - - - 42.66 acres

IMPROVEMENTS

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

A frame dwelling, 26 x 28 ft., course of long sides E.  
and W., the NE. cor. of which bears S. 16° 13' E.,  
10.00 chs. dist. from cor. No. 2.

Value ----- \$250.00

A frame wood shed, 6 x 8 ft., course of long sides N.  
and S., the NW. cor. of which bears S. 17° 18' E.,  
9.00 chs. dist. from cor. No. 2.

Value ----- \$ 10.00

A frame tool house, 12 x 12 ft., course of sides E. and  
W., the NE. cor. of which bears S. 9° 03' E., 6.78  
chs. dist. from cor. No. 2.



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Value ----- \$ 25.00

A stone cellar, 12 x 16 ft., course of long sides N. and S., the NW. cor. of which bears S. 11° 50' E., 11.25 chs. dist. from cor. No. 2.

Value ----- \$ 25.00

A frame chicken house, 12 x 12 ft., course of sides E. and W., the SW. cor. of which bears S. 21° 45' E., 10.85 chs. dist. from cor. No. 2.

Value ----- \$ 10.00

A tent house, 12 x 14 ft., course of long sides N. and S., the NW. cor. of which bears S. 12° 55' E., 10.70 chs. dist. from cor. No. 2.

Value ----- \$ 25.00

A frame chicken house, 10 x 12 ft., course of long sides E. and W., the NW. cor. of which bears S. 22° 15' E., 10.60 chs. dist. from cor. No. 2.

Value ----- \$ 10.00

A corrugated iron shop, 8 x 10 ft., course of long sides N. and S., the NW. cor. of which bears S. 21° 40' E., 10.25 chs. dist. from cor. No. 2.

Value ----- \$ 15.00

A stone cellar, 10 x 10 ft., course of sides E. and W., the NW. cor. of which bears S. 21° 50' E., 9.90 chs. dist. from cor. No. 2.

Value ----- \$ 10.00

A dug well, 30 ft. deep, the center of which bears S. 17° 20' E., 9.40 chs. dist. from cor. No. 2.

Value ----- \$125.00

A corrugated iron stamp mill, 18 x 36 ft., course of long sides N. and S., the SW. cor. of which bears N. 54° 30' E., 11.60 chs. dist. from cor. No. 1.

Value ----- \$1000.00

A frame ore bin, 10 x 12 ft., course of long sides E. and W., the SW. cor. of which bears N. 47° 50' E., 11.85 chs. dist. from cor. No. 1.

Value ----- \$ 50.00



Chains	<p>A corrugated iron barn, 20 x 30 ft., course of long sides N. and S., the NW. cor of which bears S. 8° 45' W., 7.00 chs. dist. from cor. No. 2.</p> <p style="text-align: right;">Value -----\$50.00</p> <p>A slab barn, 18 x 20 ft., course of long sides E. and W., the SE. cor. of which bears N. 2° 40' W., 6.00 chs. dist. from cor. No. 4.</p> <p style="text-align: right;">Value -----\$ 50.00</p> <p>A corrugated iron shop, 12 x 12 ft., course of sides N. and S., the SE. cor. of which bears N. 4° 35' W., 6.80 chs. dist. from cor. No. 4.</p> <p style="text-align: right;">Value -----\$ 25.00</p> <p>A log dwelling, 20 x 24 ft., course of long sides E. and W., the SE. cor. of which bears N. 13° 06' W., 6.70 chs. dist. from cor. No. 4.</p> <p style="text-align: right;">Value - -----\$100.00</p> <p>A stone cellar 10 x 10 ft., course of sides E. and W., the SE. cor. of which bears N. 19° 50' W., 6.90 chs. dist. from cor. No. 4.</p> <p style="text-align: right;">Value -----\$ 10.00</p> <p>A frame dwelling, 24 x 40 ft., course of long sides E. and W., the SE. cor of which bears N. 20° 30' W., 7.10 chs. dist from cor. No. 4.</p> <p style="text-align: right;">Value -----\$300.00</p> <p>A frame shed, 18 x 20 ft., course of long sides N. and S., the SE. cor. of which bears N. 4° 00' E., 5.65 chs. dist from cor. No. 4.</p> <p style="text-align: right;">Value -----\$ 20.00</p> <p>A frame shed, 12 x 14 ft., course of long sides N. and S., the SE. cor. of which bears N. 15° 00' W., 7.65 chs. dist. from cor. No. 4.</p> <p style="text-align: right;">Value -----\$ 15.00</p> <p>About 200 bearing fruit trees.</p> <p style="text-align: right;">Value -----\$1000.00</p>
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Chains

Total value of improvements -----\$3125.00

DESCRIPTION

This claim is located along Cherry Creek and the lateral draws leading into it. The elevation is about 5000 ft. About 10 acres along the creek bottom is a sandy loam, all of which is planted to orchard which appears to produce exceedingly well. The remainder of the area is steep hillsides covered with dense oak brush and suitable for pasture land only.

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

Cherry Creek, which flows through the claim, is a perennial stream capable of supplying an abundance of water for all purposes.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. Gold Bar Lode Claim, Survey No. 2007, joins this survey on the East. H. E. S. 473 is about 25.00 chs. NW. of this claim.

Cherry, Arizona, the nearest post office is one mile NW. of this claim. Dewey, Arizona, the nearest railroad station and trading place, is 16 miles in a South-westerly direction and is reached by a good wagon road.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	N. 36°41' E.	22.82	18.30		13.63	
2-3	S. 89°50' E.	17.67		0.05	17.67	
3-4	S. 4°33' W.	17.80		17.74		1.41
4-1	S. 89°05' W.	29.86		0.48		29.86
		88.15	18.30	18.27	31.30	31.27
			18.27		31.27	
	Error in Lat. and Dep.		.03		.03	

Closing error, 1:2078.

Survey completed December 4, 1916.

*Alroy*  
Surveyor - Forest Service

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 to H.E.S.No.474 and the tie in the listing notes of said H.E.S.No.474 to B.M. 5004 shown on the Jerome Quadrangle of the U.S.G.S.

June 28, 1916.



AZ HES # 478

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276A

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.

June 28, 1918.

U. S. Surveyor General for  
Arizona.

**Martin Stampfli**

Telecommunications Specialist  
Colorado River District

2610 Sweetwater Avenue  
Lake Havasu City, AZ 86406

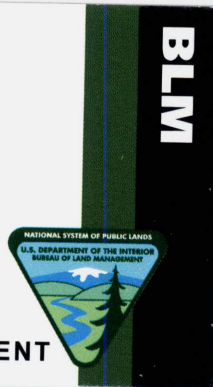
Office: 928-505-1238

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mstampfli@blm.gov

**BUREAU OF LAND MANAGEMENT**





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. 478, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.				
1-2	N. 36° 41' E.	22.82	18 30 ✓		13 63 ✓		13 62 ✓	249 11 ✓		
2-3	S. 89° 50' E.	17.67		05 ✓	17 67 ✓		44 91 ✓		2 25 ✓	
3-4	S. 4° 33' W.	17.80		17 74 ✓		1 41 ✓	61 17 ✓		1085 16 ✓	
4-1	S. 89° 05' W.	29.86		48 ✓		29 86 ✓	29 88 ✓		14 94 ✓	
		88.15 ✓	18 30	18 27 ✓	31 30 ✓	31 27 ✓		249 11	1102 35	
	Closing error, 1:2078. ✓		18 29	18 29	31 29	31 29		249 11	249 11	
									20/853 24	
									42 66 Acres. ✓	
			Tie from Cor. No. 1 to U. S. L. M. No. 2012 A.							
	N. 69° 15' W.	25.19	8 92 ✓			23 56 ✓				
	N. 29° 51' E.	23.37	20 27 ✓		11 63 ✓					
	S. 81° 26' W.	20.86		3 11 ✓		20 63 ✓				
	S. 88° 15' W.	2.24		07 ✓		2 24 ✓				
	N. 88° 34' W.	8.79				8 79 ✓				
			29 41	3 18 ✓	11 63 ✓	55 22 ✓				
			3 18			11 63				
			26 23			43 59				
	S. 58° 58' E.	50.87		26 23 ✓	43 59 ✓	43 59				
			26 23	26 23	43 59	43 59				

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F.R.T.



APPROVAL

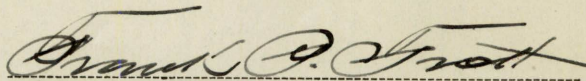
Office of the United States Surveyor General,

Phoenix, Arizona, June 28, 1918

The foregoing field notes of Homestead Entry Survey No.

478

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.