U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 473

SITUATED IN THE PRESSCOFT 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.

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,
Residence: Cherry, Arizona
H. E. No.: 026949, dated December 4, 1915

Survey executed by C. A. Long, Surveyor - Forest Service
Under special instructions dated May 17, 1916
Survey commenced December 1, 1916
Survey completed December 2, 1916

OATH OF ASSISTANTS

We hereby certify that we assisted C. A. Long,
Surveyor - Forest Service
[Forest Service Title]
in surveying all those parts or portions of Homestead Entry Survey No. 475, 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. H. Harriman
Chairman

Subscribed and sworn to before me this sixth day of December, 1915.

[Signature]
Notary Public

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, 1916, 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 Patent, No. 3-3641, dated August 12, 1915, for the same to be known as Homestead Entry Survey No. 475, situated within the Prescott National Forest, in 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.

Subscribed and sworn to before me this twentyninth day of March, 1917.

[Signature]
Notary Public.
Applicant for listing, Josephine DeKuhn; Application No. 265, dated April 2, 1915; List No. 3-3641, dated August 12, 1915; H. E. 086949, 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.


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° 36' 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
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, Frize 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 + cut on top of a granite boulder 16 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° 25' 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.
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 +, 16 ins. in the ground, over which set a granite stone 6 x 16 x 26 ins. chiseled + for the point and 2 - H E S 475 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 + 475 B T, bears N. 2° 33' W., 156 lbs. dist.

No other trees in limits. Fits 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 lbs. 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-5 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 475 on NW. face;
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 lbs. dist.

A juniper, 6 ins. dia., bears S. 34° 20' W.,
109 lbs. dist.

Each blazed and scribed 3 H E S + 473 B T.

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 lbs. dist.

No other trees in limits. Fits impracticable.

Thence N. 11° 12' W.
Descend 85 ft. to creek, over steep N. slope, through
dense oak brush.

5.90 Cherry Creek, a stream of pure clear water, 5 lbs. 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.
Chains 16.17
To cor. No. 1, the place of beginning.

<table>
<thead>
<tr>
<th>AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Area: 23.51 acres</td>
</tr>
<tr>
<td>Approx. area in conflict with the Toddle mining claim, unsurveyed: 5.07 acres</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMPROVEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The improvements made upon this claim and belonging to the claimant herein, consist of the following:</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>This claim is situated along Cherry Creek, on steep rolling hills covered with a dense growth of scrub oak.</td>
</tr>
</tbody>
</table>
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.

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. 2012B, lies approximately 12 chs. to West. Cottonwood Lode, Survey No. 2166, 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 Toodies Mining Claim. In this connection, Sec. 26 of Circular No. 236 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 16 miles in a Westerly direction and is reached by a good wagon road.
<table>
<thead>
<tr>
<th>Cor.</th>
<th>Course</th>
<th>Dist.</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>N 81° 26' E.</td>
<td>20.86</td>
<td>3.11</td>
<td></td>
<td>20.63</td>
<td></td>
</tr>
<tr>
<td>2-3</td>
<td>S 29° 51' W.</td>
<td>23.37</td>
<td>20.27</td>
<td>11.63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-4</td>
<td>N 77° 31' W.</td>
<td>5.38</td>
<td>1.29</td>
<td></td>
<td>5.84</td>
<td></td>
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<tr>
<td>4-1</td>
<td>N 11° 12' W.</td>
<td>16.17</td>
<td>15.86</td>
<td></td>
<td>3.14</td>
<td></td>
</tr>
</tbody>
</table>

Closing error, 1:2968

Survey completed December 2, 1916.

Surveyor - Forest Service
**TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 473, STATE OF ARIZONA**

<table>
<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
<th>N. AREAS</th>
<th>S. AREAS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NORTH</td>
<td>SOUTH</td>
<td>EAST</td>
<td>WEST</td>
<td></td>
</tr>
<tr>
<td>1-2</td>
<td>N. 61° 26' E.</td>
<td>20.86</td>
<td>21</td>
<td></td>
<td>20</td>
<td>20</td>
<td>64 13</td>
</tr>
<tr>
<td>2-3</td>
<td>S. 29° 51' W.</td>
<td>23.37</td>
<td>20 27</td>
<td></td>
<td>11 63</td>
<td>29 60</td>
<td>699 70</td>
</tr>
<tr>
<td>3-4</td>
<td>N. 77° 31' W.</td>
<td>5.98</td>
<td>1 29</td>
<td></td>
<td>5.84</td>
<td>12 12</td>
<td>15 63</td>
</tr>
<tr>
<td>4-1</td>
<td>N. 11° 12' W.</td>
<td>16.17</td>
<td>15 86</td>
<td></td>
<td>3 14</td>
<td>3 14</td>
<td>49 60</td>
</tr>
</tbody>
</table>

66.36  20 26  20 27  20 63  20 61  129 56  599 70
30 26  20 24  20 62  20 63

Closing error, 1.8966.

Tie from Cor. No. 01 to U.S.L.M. No. 2012 A.

S. 88° 15' W.  2.24  07  2 24
N. 88° 34' W.  8.79  22  8 79
22  07  11 03
07
15

S. 89° 15' E.  11.03  15  11 03  11 03
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.

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.