U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 571
SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 33, un surveyed, Township 11-1/2 N., Range 9 E.
and

ESTABLISHMENT OF U.S.L.M. NO. 571, H.E.S.

of the
GILA AND SALT RIVER BASE & Meridian.
State of
ARIZONA

Applicant for listing
Henry W. Goodfellow,

Residence
Pine, Arizona.

Application No. 29, dated April 9, 1907

List No. 1211, dated March 3, 1908

Applicant for survey
David Goodfellow,

Residence
Pine, Arizona.

H. E. No. 024034, dated Dec. 4, 1918

Land Office, Phoenix, Arizona.

Survey executed by Frank D. Yost, Surveyor - Forest Service,

Under special instructions dated February 21, 1918.

Survey commenced March 18, 1919

Survey completed March 20, 1919

Under Acts of Law, June 11, 1906, and October 1, 1918.
OATH OF ASSISTANTS

We hereby certify that we assisted
Frank D. Yost,
Surveyor - Forest Service
in surveying all those
parts or portions of Homestead Entry Survey No. 571, 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.

Note: It would have been
very expensive and incon-
venient to appear before an
officer to administer oaths
to Assistants; hence, they
were taken by the Surveyor.

Chairman

Chairman

Subscribed and sworn to before me this Sixth
August, 1919.

Surveyor - Forest Service.

OATH OF SURVEYOR

I, Frank D. Yost, Surveyor - Forest Service,
do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for ARIZONA, dated
February 21, 1918, 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. 1211, dated March 5, 1906, for
Patent, under the Act of June 11, 1906,
situated within the

Toronto National Forest, in

unsurveyed Section 33, Township 11-1/2 N., Range 9 E., and
--surveyed Section --, Township --, Range --

of the GILA AND SALT RIVER BASE & 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 Fifth
November, 1919.

Notary Public

My commission expires March 17, 1921.
Chains

Applicant for listing, Henry W. Goodfellow; Application No. 29, dated April 9, 1907; List No. 1211, dated March 2, 1908; H. E. O37039 made in the Phoenix Land Office on November 22, 1917, by David Goodfellow.

After careful search no corners of the list survey, nor evidence of the cypress tree to which the list survey was tied, could be found, and the field notes of the list survey do not describe or record any corners having been set. No attempt was made to conform this survey to the list description. The changes made are in accordance with the desires of the Entryman and meet with the approval of the Forest Service. The lines of this survey were run so as to include the claimant's improvements and all possible agricultural lands occupied by and desired by the claimant. This survey is therefore in the nature of a cooperative survey and will be used as a basis for substitute listing and amendment of entry.

Copy of a signed statement from the entryman agreeing to the changes and also agreeing to conform his entry to this survey is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated February 21, 1918, and designated as Homestead Entry Survey No. 571.

Situated in what will probably be when surveyed Sec. 33, T. 11-1/2 N., R. 9 E., Gila and Salt River Base and Meridian, Tonto National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and October 1, 1912.

Survey commenced March 18, 1918, and executed with a Buff and Buff transit No. 10019, equipped with Smith
Chains 100 ft. to center line of rts.

I test the adjustments of the transit and make necessary corrections. Some 0.0060...good.

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.

March 18, 1919.

At Cor. No. 1, of this survey, hereinafter described, at 6h 28.6m p.m., 1.m.t., I observe Polaris with telescope direct, reading an angle of 00° 41' 15" from star to right to a reference mark about 2 miles dist.

Lat. 34° 20' 03" N., Long. 111° 26' 35" W., from Special Instructions of the Surveyor General and later verified.

Greenwich m.t. U. C. Pol. Mar. 18, 1919, 1h 50.4m p.m.

Corr. for long.

1.m.t. U. C. Pol. March 18, 1919,

1h 49.2m p.m.

1.m.t. obsn. Pol. March 18, 1919,

6h 25.6m p.m.

Hour Angle

Azimuth of Polaris, 1° 16' 45" W.

Bearing of reference mark, N. 0° 35' 30" W.

At the same Station at 6h 32m p.m. 1.m.t. I again observe Polaris with telescope, reversed reading an angle of 00° 41' 15" from star to right to same reference mark.

1.m.t. U. C. Polaris, Mar. 18, 1919, 1h 49.8m p.m.

1.m.t. obsn. Polaris, Mar. 18, 1919, 6h 32.0m p.m.

Hour Angle, Pol.

Azimuth of Polaris, 1° 17' 22" W.
Bearing of reference mark, N. 0° 36' 07" W.

The two chains give a mean bearing of reference mark as N. 0° 35' 48" W. Accept bearing of reference mark as N. 0° 36' W. and to the corresponding meridian all courses of this survey were referred by sustained angulation. The courses of this survey were run on an assumed azimuth and subsequently corrected to the meridian as above determined.

ESTABLISHMENT OF U.S. L.M. No. 571 H.E. S.

March 20, 1919.

There being no public land corner or U.S. Location Monument within two miles of this survey, I therefore establish U.S. L.M. No. 571 H.E.S. as follows:

On a high point, about 1-1/2 miles Northeasterly from the Natural Bridge Ranch, 30 ft. east of point where auto road from Pine to Natural Bridge begins to descend into Pine Creek and 5 ft. South of road, I chisel at the apex and U.S. L.M. 571 H.E. S. on sloping North face of a grey basalt outcrop showing 30 x 25 x 8 ins. above ground, surrounded by a mound of stone to protect it, and raise a mound of stone 6 ft. base, 5 ft. high S. of U.S. L.M., whence: SSW.

A juniper 8 ins. dia., brs. N. 5° 07" W.,

320 lks. dist.

An oak 6 ins. dia., brs. S. 19° W.,

70 lks. dist.

A juniper 10 ins. dia., brs. S. 51° 37' E.,

285 lks. dist.

Each blazed and scribed U S L M 571 H E S + B T M.

Mazatzal Peak bears S. 2° 40' W., distant

and North Peak bears S. 8° 11' W., distant.

200 and 650 lks. respectively.

300 and 130 lks. respectively.

350 and 100 lks. respectively.

285 and 100 lks. respectively.

250 and 75 lks. respectively.

225 and 50 lks. respectively.

200 and 25 lks. respectively.

175 and 10 lks. respectively.
<table>
<thead>
<tr>
<th>Chains</th>
<th>Diamond Point Outlook bears S., 77° 42' E.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>March 20, 1919.</td>
</tr>
</tbody>
</table>

**BOUNDARIES OF CLAIM**

March 18, 1919.

Beginning at Cor. No. 1.

Deposit a malpais stone 6 x 4 x 3 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia., 36 ins. long, with brass cap marked 1919 on S. rim and L.H.E.S. 571. In N. sector; raise a mound of stone 3 ft. base, 2 ft. high, N. of cor., whence:

An oak 28 ins. dia., burs S., 20° 43' W., 169 lks. dist.

An oak 14 ins. dia., burs S., 74° 18' E., 165 lks. dist.


Lat. 34° 20'.03" N., Long. 111° 26'.33" W., from special instructions and later verified.

Mag. decl. at 6 a.m. is 14° 30'.0 E., A horizon. Mean Mag. decl. is 14° 27'.0 E. A Sec. 24° 51'.0 W.

Thence N. 24° 51'.0 W., .1 mile. To Cor. No. 2.

Over open bottom land, along left bank of Pine Creek.

Cor. wire fence, fances, bear E. and NW. along line.

Pine Creek, 100 lks. wide, banks 4 ft. high, running water, 20 lks. wide, 9 ins. deep, course South.

Thence over bottom land, thru heavy brush.

To Cor. No. 2. 1 ladslock in rising land.

Deposit a malpais stone 6 x 5 x 4 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia., 36 ins. long, with brass cap marked 1919 on S. rim.
Chains and 2 H E S 571 in portion of circle facing claim; raise a mound of stone 3 ft. base, 2 ft. high, E. of cor., whence:

An oak 4 ins. dia., brs. S. 75° 30' E., 12 lks. dist., said on marker.
A walnut 6 ins. dia., brs. S. 10° 50' W., 57 lks. dist., said on back.

Each blazed and scribed 2 H E S 571 + B T

Thence W. 13° 51' E.

Over bottom land, thru heavy brush.

10.02
Pine Creek, 100 lks. wide, banks 4 ft. high, running water 20 lks. wide, 9 ins. deep, course S. 5° E. Thence over level bottom land, wire fence parallels line inside claim 5 lks. dist.

24.84
To Cor. No. 3.
Deposit a granite stone 6 x 4 x 3 ins. marked with a + 16 ins. in the ground, over which set a red porphyry stone 26 x 10 x 8 ins. chiseled + for the point and 3 H E S 571 on SE. face; raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor., whence:

A juniper 8 ins. dia., brs. S. 15° 17' W., 25 lks. dist., said. No marker.

Each blazed and scribed 3 H E S 571 + B T
Cor. wire fence bears SE., 3 lks. dist., fences bear S. 15° 51' W. and S. 89° 14' E.

Thence S. 89° 14' E.

Along outside wire fence, ascend gradual SW. slope 10 ft.

9.77
To Cor. No. 4.
Deposit a limestone 5 x 4 x 2 ins. marked with a + 14 ins.
Chains in the ground, over which set a white limestone 24 x 16 x 5 ins. chiseled + for the point and 4 H E S 571 on SW. face; raise a mound of stone 3 ft. base, 2 ft. high SW. of cor., whence:

A cedar 10 ins. dia., brs. S. 31° 04' W.,
209 lks. dist., blazed and scribed
4 H E S 571 + B T. 461.

A juniper fence post 12 ins. dia., brs.
S. 28° 00' W., 5 lks. dist., blazed
and scribed 4 H E S 571 + B T. 461.

This post forms the cor. of wire fence
which bears N., 89° 41' W., and SSW. 360°.

No other witnesses available. Fills imprac-
ticable. NW., and nearly level there
.

Thence S. 9° 41' E.

Along gentle west slope, thru wire fence
25.01
Road, bears E. and W. 100 lks. dist.
26.29
To Cor. No. 5.

Deposit a granite stone 6 x 4 x 2 ins. marked with a +
15 ins. in the ground, over which set a grey basalt
stone 26 x 17 x 12 ins. chiseled + for the point and
5 H E S 571 on W. face; raise a mound of stone 3 ft.
base, 2 ft. high, W. of cor., whence:

An oak 8 ins. dia., brs. S. 63° 00' W.,
35 lks. dist. blazed and scribed on

An oak 12 ins. dia., brs. S. 19° 35' E.,
64 lks. dist. blazed and scribed

Each blazed and scribed 5 H E S 571 + B T

Thence S. 22° 28' W., thru wire fence

Along foot of NW. slope, thru scattering pine and

Cypress.
HOMESTEAD ENTRY SURVEY NO. 671

TOWTO NATIONAL FOREST

STATE OF ARIZONA

Chains

4.46 Wash, (dry), 80 lks. wide, 2 ft. deep, course SW.

19.31 Cor, wire fence, fence bears NW and West.

20.77 To Cor. No. 1, the place of beginning.

March 18, 1919.

March 19, 1919, No work.

Total area: 56.26 Acres

AREA

IMPROVEMENTS

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

An unfinished frame house 16 x 24 ft., the long sides extending N. and S. and the SW. cor. of which bears N. 7° 50' E., 8.54 chs. dist. from Cor. No. 1.

Value: $200.00

A log barn 20 x 22 ft., the long sides extending E. and W. and the NW. cor. of which bears S. 12° 19' W., 12.07 chs. dist. from Cor. No. 3.

Value: $100.00

Approximately 1-1/2 miles of 5 strand barbed wire fence.

Value: $300.00

DESCRIPTION

The claim consists mainly of level bottom land along Pine Creek. The soil is a rich sandy loam of good depth, very fertile and well adapted for agricultural
HOMESTEAD ENTRY SURVEY NO. 571
TONGO NATIONAL FOREST
STATE OF ARIZONA

Chains

- purposes. Abundant water for all purposes may be obtained from Pine Creek. The rainfall is depended upon to raise crops. About 90% of the claim is suitable for farming, of which approximately 15 acres were under cultivation at the time of survey.

There is no timber of commercial value on the claim. I saw no indications of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Pine, Arizona, the nearest settlement and Postoffice, is about five miles dist. in a northerly direction.

The listing survey locates this claim in Sec. 51, T. 11-1/2 N., R. 9 E.; while the entry survey places the claim in Sec. 35, T. 11-1/2 N., R. 9 E., which location is believed to be nearer correct by reason of the bearings taken in connection with the establishment of U. S. L. M. No. 571 E. E. E. heretofore described, to which this survey is tied.

TRAVERSES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Dist.</th>
<th>S.</th>
<th>E.</th>
<th>W.</th>
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<tbody>
<tr>
<td>N. 24° 51' W.</td>
<td>21.44</td>
<td>19.45</td>
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<td>9.01</td>
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<tr>
<td>N. 13° 51' E.</td>
<td>24.84</td>
<td>24.12</td>
<td>5.95</td>
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<tr>
<td>S. 89° 14' E.</td>
<td>9.77</td>
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<td>S. 9° 41' E.</td>
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<td>S. 32° 28' W.</td>
<td>20.77</td>
<td>17.82</td>
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Error in Lat. and Dep.:

133.11 43.57 43.57 20.14 20.14

Closing Error, 1:5166

Survey completed March 20, 1919.

Surveyor - Forest Service.
TRANSCRIBED COPY OF ORIGINAL FIELD NOTES
HOMESTEAD ENTRY SURVEY NO. 671

TONTO NATIONAL FOREST
STATE OF ARIZONA

Chains 4.40
Wash, (dry), 30 lks. wide, 2 ft. deep, course SW.
19.31
Cor. wire fence, fence bears NNE. and West.
20.77
To Cor. No. 1, the place of beginning.

March 18, 1919.

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Total area -- -- -- -- -- -- -- -- -- -- 56.26 Acres

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Value -- -- -- -- -- - -- -- -- $200.00

A log barn 20 x 22 ft., the long sides extending E. and W. and the NW. cor. of which bears S. 13° 19' W., 12.07 ohs. dist. from cor. No. 3,
Value -- -- -- -- -- - -- -- -- $100.00

Approximately 1-1/8 miles of 6 strand barbed wire fence,
Value -- -- -- -- -- -- -- -- -- $300.00

DESCRIPTION

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purposes. Abundant water for all purposes may be obtained from Pine Creek. The rainfall is depended upon to raise crops. About 90% of the claim is suitable for farming, of which approximately 15 acres were under cultivation at the time of survey. There is no timber of commercial value on the claim. I saw no indications of mineral on the claim.

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<tr>
<td>N. 24° 51' W.</td>
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<td>N. 13° 61' E.</td>
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<td>S. 89° 14' E.</td>
<td>26.89</td>
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<td>S. 32° 28' W.</td>
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Error in Lat. and Dep. 43.67 20.14 20.14

Closing Error, 1:5156

Survey completed March 20, 1919.

Surveyor - Forest Service
# Tabling and Calculations of Homestead Entry Survey No. 571, 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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<td>East</td>
<td>West</td>
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<td>15 45</td>
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<td>9 02</td>
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<td>2 - 3</td>
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<td>28.84</td>
<td>24 12</td>
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<td>3 - 4</td>
<td>S. 89°14' E.</td>
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<td>13</td>
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<td>21 69</td>
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<tr>
<td>4 - 5</td>
<td>S. 9°41' E.</td>
<td>26.29</td>
<td>25 92</td>
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<td>4 42</td>
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<td>17 52</td>
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<td>11 15</td>
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<td>29 17</td>
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<td>43 57</td>
<td>43 57</td>
<td>20 14</td>
<td>20 16</td>
<td>319 00</td>
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</tbody>
</table>

Error in Lat. and Dep. 00 02

Closing Error, 1:5156

Select Acres

Acres: 56 28
Pine, Arizona, 3-20-19.

I, __________ H. W. Goodfellow __________ hereby agree to the survey of my homestead, number 571 as made on __________ 20th __________ day of ________ March __________ 1919, by Forest Service Surveyor ________ Frank D. Yost __________, and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry, I will apply for amendment of the same to conform with said survey.

The changes made by the surveyor are __________ changing __________ corners to include all agricultural land and to exclude land not intended for agriculture. This __________ because the lapse of time and absence of anyone who saw the list corners set, the original corners cannot be found.

__________________________________________
__________________________________________
__________________________________________

(Sgd.) __________ H. W. Goodfellow, __________
Claimant,

Witness.
The foregoing Field notes of Homestead Entry Survey No.
Phx, Arizona, dated 29 June 1920

Office of the United States Surveyor General.

APPROVAL