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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

DEC-3-1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 571

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 33, un surveyed, ^{Frac.} 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, 19 07
List No. 1211		, dated March 3, 19 08 ✓

Applicant for survey	David Goodfellow,	✓
Residence	Pine, Arizona.	
H. E. No. 040544 037039		, dated Dec. 24, 1918 November 22, 1917 Rel. 9-17-1918
Land District Office,	Phoenix, Arizona.	✓

Survey executed by	Frank D. Yost, Surveyor - Forest Service,	
Under special instructions dated	✓	February 21, 19 18
Survey commenced		March 18, 19 19
Survey completed		March 20, 19 19
Under Acts of	June 11, 1906, and October 1, 1918.	✓ [OVER]

150

OATH OF ASSISTANTS

We hereby certify that we assisted **Frank D. Yost,**
Surveyor - Forest Service in surveying all those
[Forest Service Title.]

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

H. E. Brandenburg

Chainman
H. H. Longfellow

Chainman

Subscribed and sworn to before me this **Sixth** day of
August, 19 **19**.

Frank D. Yost

Surveyor - Forest Service,

OATH OF SURVEYOR

I, **Frank D. Yost,** **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
February 21, 19 **18**, 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 3**, 19 **08**, for
Patent, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **571**,
situated within the **TONTO** National Forest, in
un surveyed 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.

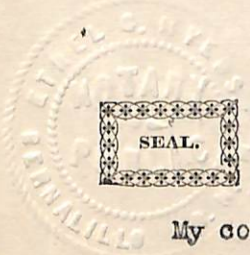
Frank D. Yost

Surveyor, Forest Service,
[Forest Service Title.]

Subscribed and sworn to before me this **Fifth** day of
November, 19 **19**.

Eschel G. Myers

Notary Public,



My commission expires **March 17, 1921**.

HOMESTEAD ENTRY SURVEY NO. 571

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Henry W. Goodfellow; Application No. 29, dated April 9, 1907; List No. 1211, dated March 3, 1908; H. E. 037039 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, Frag. 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, 1918.

Survey commenced March 18, 1919, and executed with a Buff and Buff transit No. 10019, equipped with Smith

Chains 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.

March 18, 1919.

At Cor. No. 1, of this survey, hereinafter described, at 6h 26.6m p.m. l.m.t., I observe Polaris with telescope direct, reading an angle of $00^{\circ} 41' 15''$ from star to right to a reference mark about 2 miles dist.

Lat. $34^{\circ} 20' 03''$ N., Long. $111^{\circ} 26' 35''$ 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. 1.2

l.m.t. U. C. Pol. March 18, 1919, 1h 49.2m p.m.

l.m.t. obsn. Pol. March 18, 1919, 6h 26.6m p.m.

Hour Angle 4h 37.4m

Azimuth of Polaris, $1^{\circ} 16' 45''$ W.

Bearing of reference mark, N. $0^{\circ} 35' 30''$ W.

At the same Station at 6h 32m p.m. l.m.t. I again observe Polaris with telescope, reversed reading an angle of $00^{\circ} 41' 15''$ from star to right to same reference mark.

l.m.t. U. C. Polaris, Mar. 18, 1919, 1h 49.2m p.m.

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

Hour Angle, Pol. 4h 42.8m

Azimuth of Polaris, $1^{\circ} 17' 22''$ W.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Bearing of reference mark, N. 0° 36' 07" W.

The two obsns. 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 cor. 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 26 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:

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

320 lks. dist.

An oak 6 ins. dia., brs. S. 19° W.,

79 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.

Mazatzal Peak bears S. 2° 40' W.,

North Peak bears S., 8° 11' W.

Chains

Diamond Point Outlook bears S. 77° 42' E.

March 20, 1919.

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., brs. S. 20° 48' W.,

69 lks. dist.

An oak 14 ins. dia., brs. S. 74° 18' E.,

65 lks. dist.

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

U. S. L. M. 571 H. E. S. heretofore described,

bears S. 50° 27' E., 28.78 chs. dist. by

direct measurement.

Lat. 34° 20' 03" N., Long. 111° 26' 33" W. from

special instructions and later verified.

Mag. decl. at 8 a.m. is 14° 30' E., Mean Mag.

decl. is 14° 27' E.

Thence N. 24° 51' W.

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

1.21 Cor. wire fence, fences bear E. and NW. along line.

14.07 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.

21.44 To Cor. No. 2.

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,

TONTON NATIONAL FOREST

STATE OF ARIZONA

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.
 A walnut 6 ins. dia., brs. S. 10° 50' W.,
 57 lks. dist.
 Each blazed and scribed 2 H E S 571 + B T

Thence N. 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 in-
 side 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.

A cypress 36 ins. dia., brs. S. 85° 15' W.,

304 lks. dist.

Each blazed and scribed 3 H E S 571 + B T

Cor. wire fence bears SE., 3 lks. dist., fences
 bear S. 13° 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. 81° 04' W.,

308 lks. dist., blazed and scribed

4 H E S 571 + B T

A juniper fence post 12 ins. dia., brs.

S. 28° 00' W., 3 lks. dist., blazed

and scribed 4 H E S 571 + B T

This post forms the cor. of wire fence

which bears N. 89° 41' W., and SSE.

No other witnesses available. Pits impracticable.

practicable.

Thence S. 9° 41' E.

Along gentle west slope,

25.01 Road, bears E. and W.

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 25 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.

An oak 12 ins. dia., brs. S. 19° 35' E.,

84 lks. dist.

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

Thence S. 32° 28' W.

Along foot of NW. slope, thru scattering pine and

cypress.

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Chains
4.46 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.

March 19, 1919, No work.

AREA

Total area - - - - - 56.26 Acres

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., 8.34 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. 13° 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

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. 31, 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 H. E. S. heretofore described, to which this survey is tied.

TRAVERSES

Course	Dist	N.	S.	E.	W.
N. 24° 51' W. ✓	21.44	19.45			9.01
N. 13° 51' E. ✓	24.84	24.12		5.95	
S. 89° 14' E. ✓	9.77		1.13	9.77	
S. 9° 41' E. ✓	26.29		25.92	4.42	
S. 32° 28' W. ✓	20.77		17.52		11.15
	103.11	43.57	43.57	20.14	20.16
			43.57		20.14
Error in Lat. and Dep.			.00		.02

Closing Error, 1:5156

Survey completed March 20, 1919.

Handwritten signature
Surveyor - Forest Service

TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

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Form 85. Sheet No. 2.

HOMESTEAD ENTRY SURVEY NO. 571

7.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains
4.46

Wash, (dry), 30 lks. wide, 2 ft. deep, course SW.

19.51

Cor. wire fence, fence bears NNE. and West.

20.77

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

March 18, 1919.

March 19, 1919, No work.

AREA

Total area - - - - - 56.26 Acres

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., 8.34 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. 13° 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

TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

HOMESTEAD ENTRY SURVEY NO. 571

TONTO 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. 31, T. 11-1/2 N., R. 9 E., while the entry survey places the claim in Sec. 33, 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 H. E. S. heretofore described, to which this survey is tied.

TRAVERSES.

Course	Dist	N.	S.	E.	W.
N. 24° 51' W. ✓	21.44	19.45			9.01
N. 13° 51' E. ✓	24.84	24.12		5.95	
S. 89° 14' E. ✓	9.77		.13	9.77	
S. 9° 41' E. ✓	26.29		25.92	4.42	
S. 32° 28' W. ✓	20.77		17.52		11.15
	103.11	43.57	43.57	20.14	20.16
			43.57		20.14
Error in Lat. and Dep.			.00		.02

Closing Error, 1:5156

Survey completed March 20, 1919.

[Handwritten Signature]
 Surveyor - Forest Service

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. 571, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	N. 24-51 W.	21.44	19 45			9 01	9 01	175 24			
2 - 3	N. 13-51 E.	24.84	24 12		5 95	9 01	5 96	143 76			
3 - 4	S. 89-14 E.	9.77		13	9 77		21 69			2 82	
4 - 5	S. 9-41 E.	26.29		25 92	4 42		35 89			930 27	
5 - 1	S. 32-28 W.	20.77		17 52		11 15	29 17			511 06	
		103.11	43 57	43 57	20 14	20 16		319 00		1444 15	
			43 57	43 57	20 16	20 16				319 00	
	Error in Lat. and Dep.			00		02				20/1125 15	
	Closing Error, 1:5156									56 26	Acres

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(Copy)

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.

Witness.

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

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 23, 1920

The foregoing field notes of Homestead Entry Survey No.

571

executed by *Frank P. Gook, Surveyor*

[Forest Service Title.]

under his special instructions, dated Feb. 21, 1918, 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.