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ORIGINAL

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Form 85  
Sheet No. 1  
(Revised July 1, 1914.)

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

DEC-8-1919

MAR-7-1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 568

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 32, unsurveyed, Township 11 N., Range 12 E.  
In Section 33, unsurveyed, Township 11 N., Range 12 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA.

Applicant for listing	Henry Garrels,	
Residence	Payson, Arizona.	
Application No. 467	, dated	April 9, 1914 ✓
List No. 3-3564	, dated	May 19, 1915 ✓

Applicant for survey	Columbus Haught,	
Residence	Payson, Arizona.	
H. E. No. 040532 ✓	, dated	October 3, 1918 ✓
Land Office	Phoenix, Arizona.	

Survey executed by	Frank D. Yost,	Surveyor - Forest Service,
Under special instructions dated		February 15, 1918 ✓
Survey commenced		April 4, 1919 ✓
Survey completed		April 6, 1919.

Under Acts of June 11, 1906, and October 1, 1918.

[OVER]



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. **568**, 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. Brandebury*  
Chainman

*H. H. Langfellow*  
Chainman

Subscribed and sworn to before me this **6th** 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 15**, 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. **3-3564**, dated **May 19, 1915**; and a tract  
of unlisted land upon the Application of **Henry Garrels**,

Application, No. **467**, dated **April 9**, 19 **14**, for  
**Listing and Patent**, under the Act of **June 11**, 19 **06**,  
the same to be known as Homestead Entry Survey No. **568**,  
situated within the **TONTO** National Forest, in  
unsurveyed Section **32**, Township **11 N.**, Range **12 E.**, and  
unsurveyed Section **33**, Township **11 N.**, Range **12 E.**

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**.

*Ethel G. Myers*  
Notary Public.



8-2349

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



## TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Henry Garrels; Application No. 467, dated April 9, 1914; List No. 3-3564, dated May 19, 1915; H. E. 040532 made in the Phoenix Land Office on October 3, 1918, by Columbus Haught.

Also a tract of unlisted land adjoining claimant's entry was included in this survey; the land is agricultural in character, was desired by entryman and will be listed as a basis for amendment of his entry. This is therefore a composite survey.

Surveyed under special instructions from the Surveyor General for Arizona, dated February 15, 1918, and designated as Homestead Entry Survey No. 568.

Situated in what will probably be when surveyed Secs. 32 and 33, T. 11 N., R. 12 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 April 4, 1919, and executed with a Buff and Buff transit No. 10019, 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.

April 6, 1919.

At Cor. No. 1 of this survey, hereinafter described, at 6h 29.1m p.m., l.m.t., I observe Polaris at Western Elongation with telescope direct reading an angle of  $23^{\circ} 03' 45''$  from star to left to a reference mark about 1/2 mile dist. Lat.  $34^{\circ} 17' 32''$  N., Long.  $111^{\circ} 05' 52''$  W., from Special Instructions from the Surveyor



## Chains

General, and later verified.

Azimuth of Polaris at W. Elong.  $1^{\circ} 21' W.$

Bearing of reference mark, N.  $24^{\circ} 24' 45'' W.$

At same station at 6h 31.2m p.m., I again observe

Polaris at Western elongation with telescope reversed reading an angle of  $23^{\circ} 04'$  from star to left to same reference mark.

Azimuth of Polaris at W. elong.  $1^{\circ} 21' W.$ ,

Bearing of reference mark, N.  $24^{\circ} 25' 00'' W.$

The bearing of the reference mark as determined from the two obsns. differ by  $15''$  of arc. I accept bearing of reference mark as N.  $24^{\circ} 25' W.$  and to the corresponding meridian all the courses of this survey were referred by sustained angulation.

Note: The courses of this survey were run on an assumed azimuth and subsequently corrected to the meridian as above determined.

April 6, 1919.

## BOUNDARIES OF CLAIM

April 4, 1919.

Beginning at Cor. No. 1.

Deposit a granite stone 3 x 3 x 1 ins. marked with a + 20 ins. in the ground, on solid rock, 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 568 in portion of circle facing claim, surrounded by a mound of stone 3 ft. base, 1 ft. high; raise a mound of stone 3 ft. base, 2 ft. high, N. of cor., whence:

A pine 18 ins. dia., brs. N.  $4^{\circ} 38' W.$ ,

56 lks. dist.

A pine 24 ins. dia., brs. N.  $80^{\circ} 56' W.$ ,

198 lks. dist.



PHOENIX NATIONAL FOREST

STATE OF ARIZONA

Chains

Each blazed and scribed 1 H E S 568 + B T  
 Cor. to Secs. 32 and 33 on S. bdy., T. 11 N., R. 12 E., an iron post 4 ins. dia., with  
 brass cap, set in mound of stone 8 ft. base,  
 2-1/2 ft. high, marked and witnessed as de-  
 scribed by the Surveyor General, bears South  
 19.23 chs. dist. by direct measurement.

Cor. H-6 of the list survey, which is a red  
 granite boulder 20 x 10 x 8 ins. above ground,  
 marked and witnessed as described by the For-  
 est Service, bears N. 0° 07' W., 17.34 chs.  
 dist. I destroy all trace of this list cor.  
 Lat. 34° 17' 32" N., Long. 111° 05' 52" W., from  
 Special Instructions from the Surveyor General and  
 later verified.

Mag. decl. at 8 a.m., 14° 30' E., Mean Magnetic  
 decl., 14° 27' E.

Thence N. 82° 31' W.,

Over level bottom land, unlisted land.  
 8.61 chs. Creek 60 lks. wide, banks 6 ft. high, running water  
 18 lks. wide, 10 ins. deep, course S. 10° E.

9.98 chs. To Cor. No. 2.  
 Deposit a limestone 3 x 2 x 1 ins. marked with a + 14  
 ins. in the ground, over which set a granite stone 24  
 x 10 x 4 ins. chiseled + for the point and 2 H E S 568  
 on NE. face; raise a mound of stone 3 ft. base, 2 ft.  
 high NE. of cor., whence:

A pine 24 ins. dia., brs. N. 52° 45' W.,

62 lks. dist.

A pine 20 ins. dia., brs. S. 36° 33' W.,

78 lks. dist.

Each blazed and scribed 2 H E S. 568 + B T



Chains ✓ Thence N. 8° 49' W.  
 Over level bottom land,  
 21.72 Creek, 60 lks. wide, banks 5-ft. high, running water  
 18 lks. wide, 8 ins. deep. Course East.  
 23.95 To Cor. No. 3.  
 Deposit a granite stone 5 x 4 x 3 ins. marked with a +  
 14 ins. in the ground, over which set a sandstone 24 x  
 8 x 5 ins. chiseled + for the point and 3 H E S 568  
 on E. face; raise a mound of stone 3 ft. base, 2 ft.  
 high, E. of cor., whence:  
 A pine 12 ins. dia., brs. S. 11° 30' W.,  
 150' lks. dist.  
 A pine 24 ins. dia., brs. S. 70° 20' W.,  
 195' lks. dist.  
 Each blazed and scribed 3 H E S 568 + B T

✓ Thence N. 31° 45' W.  
 Over level bottom land,  
 18.58 To Cor. No. 4.  
 Deposit a sandstone 6 x 3 x 3 ins. marked with a +  
 14 ins. in the ground, over which set a sandstone 24  
 x 12 x 4 ins. chiseled + for the point and 4 H E S  
 568 on E. face; raise a mound of stone 3 ft. base,  
 2 ft. high, E. of cor., whence:  
 A pine 30 ins. dia., brs. N. 53° 23' E.,  
 106 lks. dist.  
 A pine 8 ins. dia., brs. S. 39° 00' E.,  
 26 lks. dist.  
 Each blazed and scribed 4 H E S 568 + B T

April 4, 1919.

April 5, 1919.

✓ Thence N. 51° 58' E.



TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Over-level bottom-land,

5.91

Enter heavy pine reproduction.

29.36

To Cor. No. 5.

✓

Identical with Cor. H-2 of the list survey, which is a granite stone 8 x 6 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I de-

✓

stroy all trace of this list cor.

Deposit a sandstone 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 and 5 H E S 568 in portion of circle facing claim; raise a mound of stone 3 ft. base, 2 ft. high,

S. of cor., whence:

An oak 18 ins. dia., brs. S. 84° 42' W.,

.78 lks. dist.

A pine 6 ins. dia., brs. S. 10° 15' W.,

29 lks. dist.

Each blazed and scribed 5 H E S 568 + B T

Leave unlisted and enter listed land.

✓

Thence N. 89° 53' E.

Over rolling land, thru heavy pine and oak.

10.06

To Cor. No. 6,

✓

Identical with Cor. H-3 of the list survey, which is a granite stone 10 x 8 x 3 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 2 ins. marked with a + 14 ins. in the ground, over which set a sandstone

24 x 12 x 4 ins. chiseled + for the point and 6 H E S

568 on SW. face; raise a mound of stone 3 ft. base,

2 ft. high, SW. of cor., whence:



TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

A pine 14 ins. dia., brs. S. 9° 28' E.,

51 lks. dist.

A pine 36 ins. dia., brs. S. 67° 41' W.,

79 lks. dist.

Each blazed and scribed 6 H E S 568 + B T

Thence S. 11° 23' E.

Thru heavy pine and oak.

Over rolling land.

25.27 To Cor. No. 7.

Identical with Cor. H-4 of the list survey, which is a granite stone 18 x 10 x 5 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 2 ins. marked with a +, 15 ins. in the ground, over which set a granite stone 18 x 12 x 4 ins. (no longer stone available), chiseled + for the point and 7 H E S 568 on W. face; raise a mound of stone 3 ft. base, 2 ft. high, W. of cor., whence:

An oak 8 ins. dia., brs. N. 69° 50' W.,

24 lks. dist.

A pine 32 ins. dia., brs. S. 2° 55' W.,

50 lks. dist.

Each blazed and scribed 7 H E S 568 + B T

Thence S. 24° 53' W.

Over rolling land, thru timber and underbrush,

18.77 To Cor. No. 8.

Identical with Cor. H-5 of the list survey, which is a granite stone 20 x 12 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.



TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Deposit a granite stone 3 x 2 x 1 ins. marked with a + 14 ins. in the ground, over which set a granite stone 24 x 12 x 4 ins. chiseled + for the point and 8 H E S 568 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high; NW. of cor., whence:

A pine 40 ins. dia., brs. N. 14° 12' E.,  
109 lks. dist.

An oak 4 ins. dia., brs. S. 80° 33' E.,  
.33 lks. dist.

Each blazed and scribed 8 H E S 568 + B T

Leave listed and enter unlisted land.

Thence S. 22° 04' W.

Over rolling land, thru heavy timber and underbrush.

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

April 5, 1919.

AREA

Listed Area - - - - - 49.56 Acres

Unlisted Area - - - - - 84.34 Acres

Total Area - - - - - 133.90 Acres.

IMPROVEMENTS

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

A frame house 20 x 24 ft., the long sides extending N. and S., the SE. cor. of which bears N. 15° 10' W., 10.87 chs. dist. from Cor. No. 1.

Value - - - - - \$ 300.00

A frame barn 30 x 32 ft., the long sides extending E. and W. and the SE. cor. of which



TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains bears N. 38° 00' W., 12.22 chs. dist.  
 from Cor. No. 1,  
 Value - - - - - \$ 150.00

A frame house 20 x 24 ft., the long sides  
 extending N. and S., the SE. cor. of which  
 bears N. 75° 50' W., 4.37 chs. dist. from  
 Cor. No. 8,  
 Value - - - - - \$ 250.00

A dug well 6 ft. dia., 20 ft. deep, the center  
 of which bears N. 34° 25' W., 13.32 chs.  
 dist. from Cor. No. 1.  
 Value - - - - - \$ 100.00

Approximately 2 miles of fencing,  
 Value - - - - - \$ 175.00

DESCRIPTION

The claim consists mainly of level bottom land, located  
 in a small canyon which is a tributary of Tonto Creek.  
 The soil is a rich sandy loam, deep and very fertile,  
 and is well adapted for agricultural purposes. The  
 rainfall is depended upon to raise crops.

There is a good stand of timber and reproduction in the  
 NE. cor. and along the N. and E. edges of the claim.  
 The stand is hardly sufficient, however, to be con-  
 sidered of commercial value.

About 85 percent of the area is suitable for farming,  
 of which approximately 50 acres have been under culti-  
 vation.

Water for domestic use is obtained from the well.

No indications of mineral were observed on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.



TEXTONTO NATIONAL FOREST

STATE OF ARIZONA

Chains Payson, Arizona, the nearest settlement and postoffice, lies about 18 miles distant in a southwesterly direction.

TRAVERSE

Course	Dist.	N.	S.	E.	W.
N. 82° 31' W. ✓	9.98	1.30			9.89
N. 8° 49' W. ✓	23.95	23.67			3.67
N. 31° 45' W. ✓	18.58	15.80			9.78
N. 51° 58' E. ✓	29.36	18.09		23.13	
N. 89° 53' E. ✓	10.06	.02		10.06	
S. 11° 23' E. ✓	25.27		24.77	4.99	
S. 24° 53' W. ✓	18.77		17.03		7.90
S. 22° 04' W. ✓	18.47		17.12		6.94
	154.44	58.88	58.92	38.18	38.18
			58.88	38.18	
Error in Lat. and Dep.			.04	.00	

Closing Error, 1:3861

Survey completed April 6, 1919.

*Maude Dyost*  
Surveyor - Forest Service,



NATIONAL FOREST

STATE OF ARIZONA

Chains

...

...	...	...	...	...	...
28.5		06.1	80.9	115	28.5
78.5		78.5	78.5	100	78.5
87.8		06.01	80.81	100	87.8
	21.35	80.81	80.85	100	87.8
	10.00	10.	10.01	100	87.8
	22.3	77.82	77.82	100	87.8
00.7		80.81	80.81	100	87.8
21.3		11.71	11.71	100	87.8
21.30	21.30	21.30	21.30	100	87.8
	11.00	11.00	11.00	100	87.8
	00.	10.	10.	100	87.8

...



- 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. 568, STATE OF ARIZONA

S-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1 - 2	N. 82-31 W.	9.98	1 30			9 89	36 79	47 83	
2 - 3	N. 8-49 W.	23.95	23 67			3 67	23 23	550 09	
3 - 4	N. 31-45 W.	18.58	15 80			9 78	9 78	154 52	
4 - 5	N. 51-58 E.	29.36	18 09		23 13		23 13	418 65	
5 - 6	N. 89-53 E.	10.06	02		10 06		56 32	1 13	
6 - 7	S. 11-23 E.	25.27		24 77	4 99		71 37		1767 12
7 - 8	S. 24-53 W.	18.77		17 03		7 90	68 46		1165 19
8 - 1	S. 22-04 W.	18.47		17 12		6 94	53 62		917 97
		154.44	58 88	58 92	38 18	38 18		1172 22	3850 28
			58 90	58 88	38 18	38 18			1172 22
	Error in Lat. and Dep.			04	00				20/2678 06
	Closing Error, 1:3861								133 90 Acres.

121



- 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. 568, STATE OF ARIZONA

S-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	S. <del>88-12</del> E.	6.98	TRAVERSE OF LISTED AREA		6 98 ✓		7 32		1 61
	N. 24-53 E. ✓	18.77	17 03 ✓		7 90 ✓		22 20	378 07 ✓	
	N. 11-23 W. ✓	25.27	24 77 ✓			4 99	25 11	621 97 ✓	
	S. 89-53 W. ✓	10.06		02		10 06	10 06		20
	S. 0-14 E.	41.56		41 56 ✓	17 ✓		17		7 07
		102.64	41 80 ✓	41 80 ✓	15 05 ✓	15 05 ✓		1000 04 ✓	8 88 ✓
								8 88 ✓	
								20/ 991 16 ✓	
								49 56 ✓	Acres.

12.3



(Copy )

April 5, 1919.

I, Columbus Haught, hereby agree to the survey of my homestead, Number 568 as made on 4th and 5th days of April, 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 additions on the South and West, to include land cultivated for years, and house and barn, fences and other improvements which are outside the homestead as listed.

\_\_\_\_\_  
\_\_\_\_\_

(Sgd.) W.E.Childers,  
\_\_\_\_\_

Witness.

(Sgd.) Columbus Haught,  
\_\_\_\_\_

Claimant.

By Sam Haught,  
Attorney in fact.



APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 22, 1920

The foregoing field notes of Homestead Entry Survey No.

568

executed by *Frank D. Gost, Surveyor* [Forest Service Title.]  
under his special instructions, dated *February 15*, 1918, having  
been critically examined, and the necessary corrections and explanations  
made, the said field notes, and the surveys they describe, are hereby  
approved.

*Frank P. Trott*  
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.