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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 585

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 22, unsurveyed, Township 10 N., Range 13 E.
In Section 27, unsurveyed, Township 10 N., Range 13 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA

Applicant for listing	J. B. Huestis,	
Residence	Young, Arizona.	
Application No. 564	, dated	March 18, 19 15
List No. 3-3816	, dated	June 22, 19 16

Applicant for survey	Alpha L. Roscoe,	
Residence	Young, Arizona.	
H. E. No. 042036	, dated	May 17, 19 19
Land District Office,	Phoenix, Arizona.	

Survey executed by	Frank D. Yost, Surveyor - Forest Service,	
	<small>[Forest Service Title.]</small>	
Under special instructions dated	March 10, 19 19	
Survey commenced	June 11, 19 19	
Survey completed	June 12, 19 19	
Under Acts of	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
 [Forest Service Title.]
 parts or portions of Homestead Entry Survey No. **585**, 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

 Chairman

H. H. Langfellow

 Chairman

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

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
March 10, 1919, 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. **3-3816**, dated **June 22**, 1916, for
Patent, under the Act of **June 11**, 1906,
 the same to be known as Homestead Entry Survey No. **585**,
 situated within the **TONTO** National Forest, in
 unsurveyed Section **22**, Township **10 N.**, Range **13 E.**, and
 unsurveyed Section **27**, Township **10 N.**, Range **13 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, 1919.

Ethel G. Myers

 Notary Public,



8-2349

My commission expires March 17, 1921.

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Chains Applicant for listing, J. B. Huestis; Application No. 564, dated March 18, 1915; List No. 3-3816, dated June 22, 1916; H. E. 042036 made in the Phoenix Land Office on May 17, 1919, by Alpha L. Roscoe.

Surveyed under Special Instructions from the Surveyor General for Arizona, dated March 10, 1919, and designated as Homestead Entry Survey No. 585.

Situated in what will probably be when surveyed Secs. 22 & 27, T. 10 N., R. 13 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 June 11, 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.

All the courses of this survey were deflected from the meridian established by me by direct solar obsn. at Cor. No. 5 of H.E.S. 584, on June 11, 1919, in connection with the survey of H.E.S. No. 584.

BOUNDARIES OF CLAIM

June 11, 1919.

Beginning at Cor. No. 1, which is also corner No. 5 of H.E.S. 584, and Cor. No. 4 of H. E. S. 586.

Identical with Cor. H-8 of List 3-3853 and Cor. H-1

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HOMESTEAD ENTRY SURVEY NO. 585

TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains of List 3-3845, which is a quartzite 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 4 x 3 x 2 ins. marked with a + 18 ins. in the ground, over which set a granite stone 26 x 14 x 8 ins. chiseled + for the point, 1 H E S 585 on N. face, 5 H E S 584 on SW. face, and 4 H E S 586 on SE. face; dig pits 24 x 18 x 12 ins. S. 88° 29' W., S. 0° 22' W., and S. 88° 19' E., and raise mounds of earth and stone N., SW., and SE. of the corner, whence:

A juniper 24 ins. dia., brs. N. 55° 22' W., 596 lks. dist.

A juniper 20 ins. dia., brs. N. 53° 26' W., 589 lks. dist.

Each blazed and scribed 1 H E S 585 + B T

A juniper 18 ins. dia., brs. N. 74° 27' W., 534 lks. dist.

A juniper 14 ins. dia., brs. N. 37° 14' W., 380 lks. dist.

Each blazed and scribed 5 H E S 584 + B T

A juniper 12 ins. dia., brs. N. 69° 01' E., 377 lks. dist.

A juniper 28 ins. dia., brs. N. 36° 19' W., 313 lks. dist.

Each blazed and scribed 4 H E S 586 + B T

The 1/4 sec. cor. on the N. bdy. of Sec. 3, T. 9 N., R. 13 E., a quartz stone 10 x 10 x 7 ins. above ground, marked and witnessed as described by the Surveyor General bears S. 11° 31' 10" W., 134.00 chs. dist. by traverse which appears at the end of these notes.

Note: Diligent search was made for the cor. of Secs.

TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains 2 and 3 on the N. bdy. of T. 9 N., R. 13 E., but no evidence of same was found.

Note: The lines of this survey were run and the corners set prior to running out the tie, and it was believed at the time the survey was made that Cor. No. 1 would be the nearest claim corner to the 1/4 sec. cor. on the N. bdy. of Sec. 3, T. 9 N., R. 13 E. It was found, however, after the tie had been run that Cor. No. 2 was the nearest. In view of the fact that the corners of this survey had been set and witnesses marked it was not deemed necessary to renumber all the corners.

Lat. $34^{\circ} 10' 58''$ N., Long. $110^{\circ} 59' 58''$ W., from Special Instructions from the Surveyor General and later verified.

Magnetic declination at 8 a.m., $14^{\circ} 30'$ E. Mean
Magnetic declination, $14^{\circ} 26'$ E.

Thence S. $88^{\circ} 29'$ W.

Along line 5-4 of H. E. S. 584.

Descend 35 ft. over gentle grassy NW. slope, wire fence and cultivated land to the South and parallels line.

22.95 Cor. wire fence brs. South, 2 lks. dist. Fences bear South and N. $88^{\circ} 29'$ E. Leave cultivated land on South. Thence across level grassy mesa land.

23.99 Arroyo, 15 lks. wide, banks 2 ft. high, (dry), course S. 60° W.

35.21 Arroyo, 60 lks. wide, banks 12 ft. high (dry) course South. Ascend 20 ft. over rocky east slope, thru heavy oak brush.

40.28 To Cor. No. 2, which is also corner No. 4 of H.E.S. 584. Identical with Cor. H-10. of List 3-3845, which is a malpais stone 15. x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

HOMESTEAD ENTRY SURVEY NO. 585

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Chains

Deposit a sandstone 5 x 3 x 2 ins. marked with a + 18 ins. in the ground; over which set a sandstone 24 x 12 x 10 ins. chiseled + for the point, 2 H E S 585 on N. face; and 4 H E S 584 on SE. face; raise mounds of stone 3 ft. base, 2 ft. high, N. and SE. of cor., whence:

An oak 12 ins. dia., brs. N. 62° 30' E.,
114 lks. dist.

A juniper 20 ins. dia., brs. N. 41° 30' W.,
158 lks. dist.

Each blazed and scribed 2 H E S 585 + B T

A juniper 20 ins. dia., brs. N. 11° 37' E.,
375 lks. dist.

An oak 20 ins. dia., brs. N. 83° 15' W.,
412 lks. dist.

Each blazed and scribed 4 H E S 584 + B T

June 11, 1919.

June 12, 1919.
Thence S. 89° 03' W.

Ascend 5 ft. over rocky East slope, thru heavy brush.

4.99 To Cor. No. 3.

Identical with Cor. H-4 of the list survey, which is a sandstone 8 x 6 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a sandstone 5 x 3 x 2 ins. marked with a + 18 ins. in the ground, over which set an iron post 36 ins. long, 2 ins. dia., with brass cap marked 1919 on South rim and 3 H E S 585 in NW. quadrant, surrounded by a mound of stone 4 ft. base, 1-1/2 ft. high, whence:

A juniper 22 ins. dia., brs. S. 12° 10' E.,
115 lks. dist.

A pinon 10 ins. dia., brs. S. 77° 10' W.,
101 lks. dist.

Each blazed and scribed 3 H E S 585 + B T

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Chains	Thence N. 0° 01' E. Along rocky East slope, thru heavy brush, oak, juniper and pinon.
10.01	Begin desc. of 30 ft. over rocky NE. slope, thru heavy brush, oak, juniper and pinon.
12.89	Arroyo, 60 lks. wide, banks 4 ft. high, (dry) course S. 50° E. Bottom of desc. Asc. 40 ft. over steep rocky SW. slope, thru heavy brush, oak, pinon and juniper.
17.47	Top of steep ascent. Asc. gentle rocky S. slope, 20 ft. thru heavy brush, oak, pinon and juniper.
30.04	To Cor. No. 4. Identical with Cor. H-3 of the list survey, which is a diorite rock 24 x 18 x 8 ins. set on top of a flat sandstone outcrop showing 24 x 24 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. On the flat top of the sandstone outcrop showing 24 x 24 x 4 ins. above ground, I chisel + for the point and 4 H E S 585 SE. of the +, for Cor. No. 4 of this survey, and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor, whence: A juniper 16 ins. dia., brs. N. 11° 50' W., 103 lks. dist. A pinon 12 ins. dia., brs. S. 82° 18' W., 139 lks. dist. Each blazed and scribed 4 H E S 585 + B T
49.85	To Cor. No. 5. Identical with Cor. H-2 of the list survey, which is a sandstone 9 x 7 x 3 ins. above ground, marked and

TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains witnessed as described by the Forest Service. I de-
 stroy all trace of this list cor. Deposit a granite
 stone 4 x 2 x 2 ins. marked with a + 20 ins. in the
 ground, over which set a granite stone 30 x 12 x 6 ins.
 chiseled + for the point, and 5 H E S 585 on SW. face;
 raise a mound of stone 3 ft. base, 2 ft. high, SW. of
 cor., whence:

An oak 10 ins. dia., brs. N. 52° 46' E.,
 662 lks. dist.

A juniper 36 ins. dia., brs. S. 55° 02' E.,
 716 lks. dist.

Each blazed and scribed 5 H E S 585 + B T

Corner of drift fence brs. N. 4° 27' W.,
 280 lks. dist.

Thence S. 0° 38' E.

Descend 35 ft. over grassy South slope, drift fence to
 right.

17.10 Arroyo, 20 lks. wide, banks 2 ft. high, course E.
 Bottom of desc. Ascend 15 ft. over grassy N. slope,

29.88 To Cor. No. 6, which is also Cor. No. 5 of H.E.S. 586.
 Identical with Cor. H-1 of List 3-3816, and Cor. H-1 of
 List 3-3853, which is a sandstone 9 x 8 x 1 ins. above
 ground, marked and witnessed as described by the Forest
 Service. I destroy all trace of this list cor.
 Deposit a sandstone 2 x 2 x 2 ins. marked with a + 26
 ins. in the ground, over which set an iron post 36 ins.
 long, 2 ins. dia., with brass cap marked 1919 on S. rim,
 6 H E S 585 in NW. quadrant, and 5 H E S 586 in portion
 of circle facing that claim; raise mounds of stone 3 ft.
 base, 2 ft. high, NW. and SW. of cor., whence:

A juniper 12 ins. dia., brs. N. 69° 01' E.,
 611 lks. dist.

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Chains

A juniper 28 ins. dia.; brs. N. 36° 19' W.,
 313 lks. dist.
 Each blazed and scribed 6 H E S 585 - 5 H E S
 586 + B T
 No other witnesses available.

Thence N. 88° 19' W.,
 Along line 5-4 of H.E.S. 586.
 Over level grassy mesa.

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

AREA

Total Area, - - - - - 149.42 Acres.

IMPROVEMENTS

There were no improvements on this claim at the time of survey.

DESCRIPTION

The claim consists of a shallow valley in a rolling mesa. Soil is a light sandy loam, of good depth, and appears to be suitable for dry farming.

There is no water on the claim and the possibilities of developing water are very unfavorable. Water for domestic use must at present be hauled from Clark's Ranch, which lies about 1-1/2 miles in an easterly direction.

About 70 percent of the claim is suitable for agricultural purposes, though at the time of survey none of the area was under cultivation.

There is no timber of commercial value on the claim.

I saw no evidence of mineral on the claim.

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CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H. E. S. 584 and H. E. S. 586 adjoin this claim on the South. Line 5-4 of H.E.S. 586 being identical with line 6-1 of this survey, and line 5-4 of H. E. S. 584 being identical with line 1-2 of this survey.

Young, Arizona, the nearest settlement and postoffice, lies about nine miles distant in a southeasterly direction.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
S. 88° 29' W. ✓	40.28		1.07		40.27
S. 89° 03' W. ✓	4.99		.08		4.99
N. 0° 01' E. ✓	30.04	30.04		.01	
N. 88° 59' E. ✓	49.85	.88		49.84	
S. 0° 38' E. ✓	29.88		29.88	.33	
N. 88° 19' W. ✓	4.97	.15			4.97
	160.01	31.07	31.03	50.18	50.23
		31.03			50.18
Error in Lat. and Dep.		.04			.05

Closing Error, 1:2499.

TIELINE FROM COR. NO. 1, H.E.S. 585 to the 1/4 SEC. COR. BET. SECS. 3 AND 34, TS. 9 AND 10 N., R. 13 E.

Course	Dist.	N.	S.	E.	W.
S. 0° 22' W. ✓	40.09		40.09		.26
N. 89° 19' W. ✓	4.99	.06			4.99
S. 0° 24' W. ✓	5.00		5.00		.03
S. 29° 53' E. ✓	10.23		8.87	5.10	
S. 43° 51' E. ✓	2.91		2.10	2.02	
S. 43° 56' E. ✓	18.34		13.21	12.72	
S. 2° 50' W. ✓	3.65		3.65		.18
S. 47° 12' E. ✓	2.61		1.77	1.92	
S. 10° 03' E. ✓	2.33		2.29	.41	
S. 35° 00' W. ✓	3.92		3.21		2.25
S. 1° 35' E. ✓	5.21		5.21	.14	
S. 10° 40' E. ✓	5.86		5.76	1.08	
S. 69° 18' W. ✓	13.40		4.74		12.54
S. 5° 37' W. ✓	29.77		29.63		2.91
S. 25° 55' W. ✓	3.56		3.20		1.56
S. 74° 09' W. ✓	3.55		.97		3.42
S. 85° 41' W. ✓	22.07		1.66		22.01
		.06	131.36	23.39	50.15
			.06		23.39
			131.30		26.76

Resultant course, S. 11° 31' 10" W., 134.00 chs.

TONTON NATIONAL FOREST

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Survey completed June 12, 1919.

Note: Any discrepancy between these field notes and those of the listing survey is due to error in the latter.

Frank Dyke

Surveyor - Forest Service.

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HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

- 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. 585, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.						
1 - 2	S. 88-29 W.	40.28		1 08 07		40 26 27	50 24			54 26		
2 - 3	S. 89-03 W.	4.99		08		4 99	4 99			40		
3 - 4	N. 0-01 E.	30.04	30 04		01		02	60				
4 - 5	N. 88-59 E.	49.85	88		49 84		49 90	43 41				
5 - 6	S. 0-38 E.	29.88		29 88	33		100 10			2991 99		
6 - 1	N. 88-19 W.	4.97	15			4 97	95 47	14 32				
		160.01	31 07	31 03	50 18	50 23		58 33		3046 65		
			31 05 31 03	31 05	50 22	50 22 18				58 33		
	Error in Lat. and Dep.		04			05				20/2988 32		
	Closing Error, 1;2499.									149.42	Acres.	
											ITS	

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 23, 1920

The foregoing field notes of Homestead Entry Survey No.

585

executed by *Frank D. Gost, Surveyor* [Forest Service Title.]
under his special instructions, dated *March 10*, 1919, 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.