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U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

DEC-6-1919

MAY-7-1920

MAY-19-1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 566

SITUATED IN THE **TONTO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. **3.**

In Section **11**, **unsurveyed**, Township **10 N.**, Range **8 E.**

of the

GILA AND SALT RIVER BASE & Meridian.

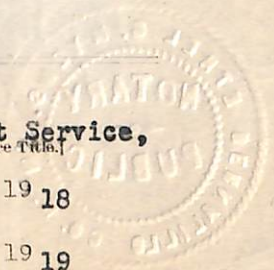
State of

ARIZONA.

Applicant for listing **V. H. Anderson,** ✓
 Residence **Payson, Arizona.**
 Application No. **536**, dated **November 22, 1914.** ✓
 List No. **3-3504**, dated **February 6, 1915.** ✓

Applicant for survey **Andrew M. Pyeatt,** ✓
 Residence **Payson, Arizona.**
 H. E. No. **030872**, dated **August 12, 1916.** ✓
 Land Office **Phoenix, Arizona.** ✓

Survey executed by **Frank D. Yost, Surveyor - Forest Service,**
(Forest Service Title)
 Under special instructions dated ✓ **February 15, 1918**
 Survey commenced **March 11, 1919**
 Survey completed **March 12, 1919.**
 Under Acts of **June 11, 1906, and October 1, 1918.** ✓



OATH OF ASSISTANTS

We hereby certify that we assisted
Surveyor - Forest Service
[Forest Service Title]

FRANK D. YOST,
in surveying all those

parts or portions of Homestead Entry Survey No. 566, 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.

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

H. E. Brandebury
Chainman

H. H. Longfellow
Chainman

Subscribed and sworn to before me this 6th 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 instructions of the United States Surveyor General for ARIZONA, dated February 15, 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 3-3504, dated February 6, 1915, and a tract of unlisted land upon the Application of V. H. Anderson,

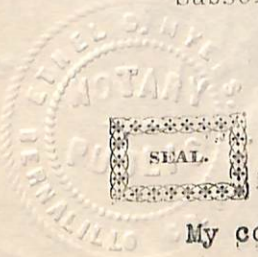
Application No. 536, dated Nov. 22, 1919, for Listing and Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 566, situated within the Tonto National Forest, in un surveyed Section 11, Township 10 N., Range 8 E., and surveyed Section ----, Township ---, Range ----,

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, 1919.

Ethel G. Myers
Notary Public,



My commission expires March 17, 1921.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, V. H. Anderson; Application No.

536; dated November 22, 1914; List No. 3-3504, dated

February 6, 1915; H. E. 030872 made in the Phoenix Land

Office on August 12, 1916, by Andrew M. Pyeatt.

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 de-

signed as Homestead Entry Survey No. 566.

Situated in what will probably be when surveyed Sec. 11,

T. 10 N., R. 8 E., Gila and Salt River Base and Merid-

ian, Tonto National Forest, Arizona.

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

1918.

Survey commenced March 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 meas-

urements made directly on the slope with a 500 link

steel tape. The slope angles were determined with a

clinometer.

March 12, 1919.

At Cor. No. 4 of this survey hereinafter described, at

8h 29m 30s p.m., l.m.t., I observe Polaris with tele-

scope direct, reading an angle of 150° 47' from star

Chains to left to reference mark.
 Lat. - $34^{\circ} 14' 30''$ N. from obsn. hereinafter recorded;
 Longitude $111^{\circ} 30' 30''$ W. from Special Instructions
 from Surveyor General and later verified.

Greenwich m.t., U.C. Polaris, March 12, 2h 14m p.m.

Corr. for long.	1.2
l.m.t. U. C. Polaris, March 12,	2h 12.8m p.m.
l.m.t. obsn. Polaris, March 12,	8h 29.5m
Hour Angle	6h 16.7m
Azimuth of Polaris,	$1^{\circ} 21' W.$
Bearing of reference mark is	$S. 27^{\circ} 52' W.$

At the same station at 8h 47m 30s p.m., l.m.t., I again observe Polaris with telescope reversed reading an angle of $150^{\circ} 47'$ from star to left to same reference mark.

l.m.t. U. C. Polaris, March 12, 2h 12.8m p.m.

l.m.t. obsn. Polaris, March 12, 8h 47.5m p.m.

Hour Angle 6h 34.7m

Azimuth Polaris, $1^{\circ} 20' 18''$

Bearing of reference mark, $S. 27^{\circ} 52' 42''$

The mean bearing of the reference mark as determined from the two obsns. is $S. 27^{\circ} 52' 21'' W.$ I accept bearing as $S. 27^{\circ} 52' W.$ 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.

March 12, 1919.

The changes made in this survey are in accordance with the desires of the entryman and meet with the approval of the Forest Service. Copy of a signed statement from the entryman agreeing to the changes and also agreeing to amend his entry to conform to this survey is attached at the end of these notes.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

BOUNDARIES OF CLAIM

March 11, 1919.

Beginning at Cor. No. 1.

Point for cor. falls on an embedded basalt boulder show-

ing 48 x 24 x 6 ins. above ground; I chisel same

boulder + for the point and 1 H E S 566 on N. face;

raise a mound of stone 3 ft. base, 2 ft. high, N. of

cor., whence:

A cedar 5 ins. dia., brs. N. 34° 20' E.,

73 lks. dist.,

A cedar 5 ins. dia., brs. S. 61° 38' E.,

184 lks. dist.,

Each blazed and scribed 1.H.E.S. 566 + B T

U. S. L. M. No. 2965, a porphyry boulder in

place showing 2 x 3 x 3 ft. above ground,

marked and witnessed as described by the

Surveyor General, bears S. 12° 16' W.,

118.92 chs. dist. by direct measurement.

Cor. H-4 of the list survey, a volcanic stone

12 x 8 x 6 ins. above ground, set in mound

of stone, marked and witnessed as described

by the Forest Service, bears N. 65° 27' W.,

2.68 chs. dist. I destroy all trace of

this list cor.

Latitude 34° 14' 13" N. from obsn. hereinafter describ-

ed. Long. 111° 30' 38" W. from special instructions

from Surveyor General and later verified.

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

mag. decl. is 14° 27' E.

Thence N. 65° 35' W.

Along steep rocky NE. slope, thru dense oak brush,

Over unlisted land.

Chains	
25.02	Begin steep descent of 40 ft.
26.21	Bottom of steep descent, thence over bottom land, along foot of slope.
30.87	To Cor. No. 2. Point for cor. falls on an embedded basalt boulder showing 5 x 4 x 3 ft. above ground, I chisel same boulder + for the point on sloping E. face, and 2 H E S 566 to East of +, raise a mound of stone ^{3 ft. base,} 2 ft. high E. of cor., whence: An oak 12 ins. dia., brs. S. 40° 02' E., 115 lks. dist. A cedar 6 ins. dia., brs. S. 52° 40' W., 271 lks. dist. Cor. H-3 of the List Survey, a volcanic stone 24 x 24 x 8 ins. set in mound of stone, marked and witnessed as described by the Forest Service, bears N. 67° 24' E., 2.71 chs. dist. I. destroy all trace of this list cor. Thence N. 55° 25' E. Over bottom lands of East Verde River, Canyon. 12.41 East Verde river, 147 lks. wide, 5 ft. deep, running water, 18 lks. wide, 1 ft. deep, course West. Asc. steep rocky S. slope, 30' ft. 15.49 To Cor. No. 3. On small rocky spur, bears SE. Identical with Cor. H-2 of the list survey, which is a volcanic stone 20 x 12 x 10 ins. above ground, mkd. and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a malpais stone 5 x 4 x 3 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains . . dia., 36 ins. long, with brass cap, marked 1919 on S. rim, and 3 H E S 566 in S. quadrant; raise a mound of stone 4 ft. base, 3 ft. high, S. of cor., whence:

A cedar 12 ins. dia., blazed and scribed

3 H E S 566 + B T , bears S. 86° 28' W.,

49 lks. dist.

A + on the vertical south face of the rim rock,

forming the north wall of the East Verde

river canyon, chiseled + 3 H E S 566 B R,

bears N. 80° 15' W., 107 lks. dist.

A + on the vertical south face of the rim rock,

forming the north wall of the East Verde

River canyon, chiseled + 3 H E S 566 B R,

bears N. 30° 14' W., 76 lks. dist.

Leave unlisted and enter listed land.

Thence S. 78° 17' E.

Desc. 30 ft. over steep rocky E. slope.

Wash, 35 lks. wide, 3 ft. deep, (dry), course south.

Thence along foot of bluff, forming north wall of East

Verde river canyon, thru oak brush.

13.37 Wire fence, bears E. and W.

25.92 Wire fence, bears N. 28° E. and S. 28° W.

26.01 To Cor. No. 4.

Identical with Cor. No. 4 of H. E. S. No. 130, which is also Cor. H-1 of the list survey, a malpais stone,

12 x 6 x 10 ins. above ground, marked + on top and 4

H E S 130 on SSE. face; (Cor. not marked for list survey). I adopt this cor. for cor. No. 4 of this survey

and alongside to West set a red sandstone 22 x 10 x 8 ins. 16 ins. in ground, chiseled 4 H E S 566 on SW.

face; raise a mound of stone 3 ft. base, 2 ft. high,

SW. of cor., whence:

Chains ~~11.66~~ A mesquit 4 ins. dia., bears S. 74° 15' E.,
 to ~~11.66~~ 154 lks. dist. ~~to~~ ~~11.66~~
 : ~~11.66~~ A cedar 4 ins. dia., brs. S. 20° 33' W.,
~~11.66~~ 187 lks. dist. ~~to~~ ~~11.66~~
 Each blazed and scribed 4 H E S 566 + B T

Note: The stone set for cor. No. 4 of H.E.S. 130 was too
 rough to chisel additional markings thereon for this
 survey and it was therefore necessary to set marked
 stone alongside, as above recorded.

On March 12, 1919, I return to this cor. and at local
 apparent noon observe the sun on the meridian. obs.
 alt. sun's upper limb, 52° 32' 30". The resultant
 lat. is 34° 14' 30" N.

Thence S. 27° 53' W.
 Desc. 30 ft. over brushy SW. slope, along wire fence.

11.66 To Cor. No. 5, on North bank of East Verde River.
 Identical with Cor. No. 3 of H. E. S. 130, which is
 also Cor. H/5 of the list survey, a sandstone 6 x 6 x
 10 ins. above ground, marked on top and 3 H E S 130
 on ENE. face; cor. not marked for list survey; I chisel
 same stone 5 H E S. 566 on NW. face for Cor. No. 5 of
 this survey; and raise a mound of stone 3 ft. base, 2 ft.
 high NW. of cor., whence:

A cottonwood 24 ins. dia., brs. N. 33° 13' W.,
 123 lks. dist.
 A sycamore 36 ins. dia., brs. N. 47° 32' E.,
 77 lks. dist.

Each blazed and scribed 5 H E S 566 + B T
 Leave listed and enter unlisted land.

Thence S. 37° 41' W.

.61 Middle East Verde river, 121 lks. wide, running water

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains 20 lks. wide, 1 ft. deep, course N. 60° W.

5.27 Begin asc. of 30 ft. over steep NE. slope, thru dense oak brush.

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

March 11, 1919.

AREA

Listed Area, 40.57 Acres

Unlisted Area, 4.24 Acres

Total Area 44.81 Acres

IMPROVEMENTS

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

A frame house, 14 x 21 ft., the long sides extending E. and W., the NE. cor. of which bears from Cor. No. 4, S. 71° 05' W., 6.40 chs. dist.

Value - - - - - \$150.00

Approximately 3/4 miles of barbed wire fencing,

Value - - - - - 150.00

DESCRIPTION

The claim consists mostly of flat bottom land in the East Verde Canyon.

The soil is a rich sandy loam of good depth, and will produce good crops of hay, grain and vegetables. Five acres of the area were under cultivation at the time of survey. Approximately 75% of the area is suitable for agricultural purposes.

Water for domestic use is obtained from a small seep spring near the creek bed of the East Verde river,

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TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains which crosses the claim.

There is no merchantable timber on the claim.

I saw indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H. E. S. No. 130 of Allen Beluzzi joins this claim on the East line, 4-3 thereof being identical with line 4-5 of this survey.

The claim is located in a Power site withdrawal, covered by Water Power Designation No. 6, Arizona No. 3, by Secretary of the Interior, dated February 9, 1917.

The damsite is located about one and a half miles further up the river.

Payson, Arizona, the nearest settlement and Postoffice is ten miles in an easterly direction.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
N. 65° 35' W.	30.87	12.77			28.11
N. 55° 25' E.	15.49	8.79		12.75	
S. 78° 17' E.	26.01		5.28	25.47	
S. 27° 53' W.	11.66		10.31		5.45
S. 37° 41' W.	7.67		6.07		4.69
	91.70	21.56	21.66	38.22	38.25
			21.56		38.22
Error in Lat. and Dep.			.10		.03

Closing Error, 1:878

TRAVERSE OF LISTED AREA

Course	Dist.	N.	S.	E.	W.
N. 61° 16' W.	26.42	12.70			23.17
N. 52° 54' E.	12.85	7.75		10.25	
S. 78° 17' E.	26.01		5.28	25.47	
S. 27° 53' W.	11.66		10.31		5.45
S. 55° 10' W.	8.69		4.96		7.13
	85.63	20.45	20.55	35.72	35.75
			20.45		35.72
Error in Lat. and Dep.			.10		.03

Survey Completed March 12, 1919.

[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. 566, STATE OF Arizona

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.			
			NORTH.	SOUTH.	EAST.	WEST.							
Traverse of Listed Area													
	N. 61-16 W.	26.42	12	73 70 [✓]			23	15 [✓] 17 [✓]	23	15 [✓]	294	70 [✓]	
	N. 52-54 E.	12.85	7	75 [✓]		10	25 [✓]		10	25 [✓]	79	64 [✓]	
	S. 78-17 E.	26.01			5	28 [✓]	25	47 [✓]	45	98 [✓]	241	39 [✓]	
	S. 27-53 W.	11.66			10	31 [✓]			5	45 [✓]	679	90 [✓]	
	S. 55-10 W.	8.69			4	96 [✓]			7	13 [✓]	264	46 [✓]	
		85.63 [✓]	20	45 [✓]	20	55 [✓]	35	72 [✓]	35	75 [✓]	374	34 [✓]	
					20	45			35	72		374	34
		Error in Lat. and Dep.			10 [✓]					03 [✓]		20/811	43
											40	57 Acres	

ET

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- DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures.
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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 566, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.				
1 - 2	N. 65-35 W.	✓ 30.87	12 ⁸⁰ 77 ✓			28 ¹⁰ 11 ✓	28 10	359 68 ✓		
2 - 3	N. 55-25 E.	✓ 15.49	8 ⁸¹ 79 ✓		12 ⁷⁶ 75 ✓		12 76	112 42 ✓		
3 - 4	S. 78-17 E.	✓ 26.01		5 ²⁵ 28 ✓	25 ⁴⁷ 47 ✓		51 00		✓ 267 75	
4-5	S. 27-53 W.	✓ 11.66		10 ³⁰ 31 ✓		5 45 ✓	71 03		✓ 731 61	
5 - 1	S. 37-41 W.	✓ 7.67		6 ⁵⁶ 07 ✓		4 69 ✓	60 89		368 99	
		91.70 ✓	21 56 ✓	21 66 ✓	38 22 ✓	38 25 ✓		472 10	1368 35	
			²¹ 61	²¹ 61	³⁸ 24	³⁸ 24			<u>472 10</u>	
	Error in Lat. and Dep.			.10 ✓		.03 ✓			20/ 896 25	
	Closing Error, 1:878 ✓								44 81 Acres	I-S.

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(Copy)

March 14, 1919.

I, Andrew M. Pyeatt, hereby agree to the survey of my homestead, number 566 as made on 12th 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 moving corners 1, 2,&3 so as to include agricultural land excluded from the list survey by error and to exclude a narrow strip of north sloping hillside, useless for farming.

(Sgd.) Andrew Pyeatt
 Claimant.

 Witness

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 22, 1920

The foregoing field notes of Homestead Entry Survey No.

566

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.