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JUN 19 1922

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

HOMESTEAD ENTRY SURVEY NO. 598

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 22 , un-surveyed, Township 4 $\frac{1}{2}$ N, Range 30 E.
In Section 27 , un-surveyed, Township 4 $\frac{1}{2}$ N, Range 30 E.

of the

GILA AND SALT RIVER BASE AND Meridian.

State of
ARIZONA

Applicant for listing	Clarence Martin,
Residence	Alpine, Arizona
Application No. 319	, dated March 17 , 1914
List No. 3-3181	, dated May 28 , 1914

Applicant for survey	Claire V. Perry,
Residence	Alpine, Arizona
H. E. No. 039457	, dated May 21 , 1918
Land Office	Phoenix, Arizona.

Survey executed by	Thomas F. Myers, Surveyor - Forest Service	[Forest Service Title]
Under special instructions dated	May 14	, 19 19
Survey commenced	June 19	, 19 21
Survey completed	June 19	, 19 21

Under Acts of June 11, 1906, and May 31, 1920.

Ready to approve



OATH OF ASSISTANTS

We hereby certify that we assisted **Thomas F. Myers,**
Surveyor - Forest Service in surveying all those

[Forest Service Title.]

parts or portions of Homestead Entry Survey No. 598, 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.

Ed R. Lackie Chainman

Ed R. Lackie Chainman.

Subscribed and sworn to before me this 19th day of

June, 19 21

Thomas F. Myers

Surveyor - Forest Service.

OATH OF SURVEYOR

I, **Thomas F. Myers, 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 May 14, 19 19, 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. 3-3181, dated May 28, 1914, and a tract of land upon the application of CLARENCE MARTIN

Application, No. 319, dated March 17, 19 14, for Listing and Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 598, situated within the APACHE National Forest, in un-surveyed Section 22, Township 4 1/2 N., Range 30 E., and un-surveyed Section 27, Township 4 1/2 N., Range 30 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

Thomas F. Myers

Surveyor - Forest Service.

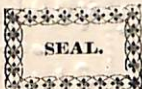
[Forest Service Title.]

Subscribed and sworn to before me this 15th day of

May, 19 22

Estel G. Myers

Notary Public.



8-249

My com. expires April 12, 1925.

APACHE NATIONAL FOREST

STATE OF ARIZONA

1.

Chains

Applicant for listing, Clarence Martin; Application No. 319, dated March 17, 1914; List No. 3-3181, dated May 28, 1914; H.E. 039457, made in the Phoenix Land Office on May 21, 1918, by Claire V. Perry.

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 May 14, 1919, and designated as Homestead Entry Survey No. 598.

Situated in what will probably be when surveyed Secs. 22 and 27, T. 4-1/2 N., R. 30 E., Gila and Salt River Base and Meridian, Apache National Forest, Arizona. Surveyed under the Acts of June 11, 1906, and May 31, 1920.

Survey commenced June 19, 1921, and executed with a Buff and Buff transit No. 10530, 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.

The courses of this survey were deflected from the meridian determined by me by Polaris observation on June 18, 1921, near Cor. No. 7 of HES. 602.

Chains

BOUNDARIES OF CLAIM

June 19, 1921.

Beginning at Cor. No. 1.

Identical with Cor. H/3 of the list survey, which is a malpais stone 8x4x6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 6x6x5 ins., marked with a + 20 ins. in the ground, over which set a malpais stone 32x22x12 ins., chiseled + for the point and 1 HES 598 on SE. face; raise a mound of stone 3 ft. base 2 ft. high SE. of Cor. whence:

A pine 30 ins. dia. brs. S. 73°14' E. 74 lks.

A pine 16 ins. dia. brs. N. 47°16' E. 92 lks.

Each blazed and scribed 1 HES 598 + BT.

The std. Cor. of T. 5 N., Rs. 29 and 30 E.

(Restored by me on June 18, 1921, in connection with survey of HES. 602), a malpais stone 16x6x10 ins. above ground, chiseled SC on N. face and 6 grooves on N., E. and W. faces, surrounded by mound of stone, bears N. 0°27'58" E. 87.29 chs. by traverse which appears at the end of these notes.

Cor. No. 3 of HES. 602 (established by me on June 18, 1921), a malpais stone 12x9x8 ins. above ground, chiseled + on top and 3 HES 602 on NW. face, with mound of stone 3 ft. base, 2 ft. high, bears N. 11°14'50" E. 46.66 chs. by traverse which appears at the end of these notes.

Lat. 33°45'27" N., Long. 109°13'35" W. from Forest Service Base Map.

Mag. decl. at 9 a.m. is 13°40' E. Mean mag. decl.

APACHE NATIONAL FOREST

STATE OF ARIZONA

3.

Chains	13°37' E.
	Thence N. 83°30' E.
	Through edge of brush, over rolling land. Fence outside of line.
.50	Cross to outside of fence.
2.00	Descend 15 ft. over rocky E. slope.
5.00	Bottom of descent; thence over open level land.
8.30	Cienega Creek (dry), 15 lks. wide, banks 2' ft. high, course SE.
13.20	Rocky point bears SE.
16.10	Campbell-Blue Creek (dry), 30 lks. wide, banks 1 ft. high, course SW. Ascend 20 ft. over rocky NW. slope.
17.41	To Cor. No. 2.
	Identical with Cor. H/4 of the list survey, which is a malpais stone 24x36x48 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.
	Deposit a malpais stone 4x6x8 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x12x12 ins., chiseled + for the point and 2 HES 598 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor., whence:
	A pine 16 ins. dia. brs. S. 17°20' E. 42 lks.
	A pine 20 ins. dia. brs. S. 81°09' E. 18 lks.
	Each blazed and scribed 2 HES 598 + BT.
	Thence S. 13°29' E.
	Ascend 30 ft. over rocky NW. slope, through scattering pine. Fence inside of line.
1.60	Fence bears S. 25° E. and N. 25° W.
2.00	Top of ascent on spur, bears W. Descend 40 ft. over rolling rocky SW. slope, through scattering pine.
10.00	To Cor. No. 3.

Chains

Identical with Cor. H/5 of the list survey, which is a malpais stone 10x4x12 ins. 4 ⁱⁿ ins./ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 6x5x7 ins., marked with a + 20 ins. in the ground, over which set a malpais stone 36x10x10 ins. chiseled + for the point and 3 HES 598 on W. face; raise a mound of stone 2 ft. base 1-1/2 ft. high W. of Cor., whence:

A pine 12 ins. dia. brs. S. 61°14' E. 206 lks.

A pine 20 ins. dia. brs. N. 22°04' W. 88 lks.

Each blazed and scribed 3 HES 598 + BT.

Thence S. 31°57' E.

Along foot of rolling rocky SW. slope.

9.91

To Cor. No. 4.

Identical with Cor. H/6 of the list survey, which is a malpais stone 3x8x10 ins. 2 ⁱⁿ ins./ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 6x5x3 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x10x5 ins., chiseled + for the point and 4 HES 598 on W. face; raise a mound of stone 3 ft. base 2 ft. high W. of Cor., whence:

A pine 8 ins. dia. brs. N. 38°30' E. 85 lks.

A pine 8 ins. dia. brs. N. 13°00' E. 120 lks.

Each blazed and scribed 4 HES 598 + BT.

Thence S. 14°16' W.

Over open, rocky land. Fence along outside of line.

1.10

Arroyo 40 lks. wide, 4 ft. deep, course WSW. Ascend rocky NW. slope 60 ft.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

8.00

Top of ascent. Descend 80 ft. over rocky S. slope, through scattering pine.

14.10

Fence bears S. 15° W. and N. 15° E.

16.29

Cor. H/1 of the list survey, which is a malpais stone ⁱⁿ 8x10x14 ins. 4 ins./ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Leave listed and enter unlisted land.

17.69

To Cor. No. 5.

Point for Cor. falls on an embedded malpais boulder showing 30x24x30 ins. above ground. I chisel boulder + on top for the point and 5 HES 598 on SW. face; raise a mound of stone 3 ft. base 2 ft. high S. of Cor., whence:

A pine 24 ins. dia. brs. N. 89°21' E. 193 lks.

A pine 24 ins. dia. brs. N. 63°57' E. 160 lks.

Each blazed and scribed 5 HES 598 + BT.

Thence S. 73°46' E.

Along rocky S. slope.

16.09

To Cor. No. 6.

Point for Cor. falls on an embedded malpais boulder showing 24x14x10 ins. above ground. I chisel boulder + on top for point and 6 HES 598 on SW. face; raise a mound of stone 3 ft. base 2 ft. high SW. of Cor., whence;

A pine 7 ins. dia. bears N. 10°49' W. 160 lks.

A pine 24 ins. dia. bears S. 67°14' E. 323 lks.

Each blazed and scribed 6 HES 598 + BT.

Thence S. 24°12' W.

Over rolling rocky land.

APACHE NATIONAL FOREST

6.

STATE OF ARIZONA

Chains

1.00

Beaver Creek-Alpine Trail bears E. and W.

1.10

Arroyo 30 lks. wide 3 ft. deep, course S. 80° W.

7.40

Campbell-Blue Creek (dry), 25 lks. wide, 2 ft. deep,
course ESE.

9.80

Arroyo, 20 lks. wide, 1 ft. deep (overflow bed of
Campbell-Blue Creek), course E. Ascend N. slope 10 ft.

10.91

To Cor. No. 7.

Point for Cor. falls on an embedded malpais boulder,
showing 38x14x40 ins. above ground. I chisel boulder
+ on top for point and 7 HES 598 on N. face; raise a
mound of stone 3 ft. base 2 ft. high N. of Cor.,
whence:

A pine 30 ins. dia. brs. S. 47°58' E. 116 lks.

A pine 18 ins. dia. brs. S. 7°27' W. 65 lks.

Each blazed and scribed 7 HES 598 + BT.

Thence N. 62°20' W.

Over rolling rocky NE. slope.

18.60

Beaver Creek-Alpine Trail bears E. and W.

20.63

To Cor. No. 8 at Cor of fence. Fences bear N. 50° E.
and N. 21° W.

Identical with Cor. H/2 of the list survey, which is a
malpais stone 8x10x8 ins. 2 ins. ⁱⁿ 10 ins. wide at bottom
ground, marked and
witnessed as described by the Forest Service. I des-
troy all trace of this list Cor.

Deposit a malpais stone 7x6x6 ins. marked with a + 20
ins. in the ground, over which set a malpais stone
24x10x8 ins. chiseled + for the point and 8 HES 598
on NE. face; raise a mound of stone 2 ft. base 1-1/2
ft. high NE. of Cor., whence:

A pine 8 ins. dia. brs. S. 76°31' W. 30 lks.

A pine 11 ins. dia. brs. S. 53°24' E. 51 lks.

Chains

Each blazed and scribed 8 HES 598 + BT.

Leave unlisted and enter listed land.

Thence N. 19°09' W.

Over rolling land, through edge of scattering pine.

Fence along inside of line.

- 1.90 Arroyo, 10 lks. wide, 2 ft. deep, course SE.
- 21.30 Arroyo, 10 lks. wide 2 ft. deep, Course E.
- 30.00 Cross to inside of fence.
- 37.50 Arroyo 12 lks. wide 2 ft. deep, course ESE.
- 40.41 To Cor. No. 1, the place of beginning.

AREA

Listed area - - - - - 56.38 acres
 Unlisted area - - - - - 17.05 acres
 Total area - - - - - 73.43 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 and log dwelling 14x12 ft., the long sides extending NE. and SW., the N. Cor. of which bears from Cor. No. 2 S. 77°40' W. 5.10 chs.

Value - - - - - \$150.00

A log shed 12x14 ft., the long sides extending NW. and SE., the N. Cor. of which bears S. 88°30' W. 353 chs. from Cor. No. 2.

Value - - - - - \$50.00

A log barn 10x12 ft., the long sides extending NW. and SE., the N. Cor. of which bears S. 84°00' W. 2.34 chs. from Cor. No. 2.

Value - - - - - \$20.00

Chains

Approximately 1-1/4 miles of wire fencing.

Value - - - - - \$125.00

DESCRIPTION

The claim is situated on Campbell-Blue Creek and is comprised mainly of bottom land along the creek. Approximately 80 per cent of the area is suitable for farming, of which about 20 acres were under cultivation at the time of survey. The rainfall is depended upon to grow crops.

Water for domestic use is obtained from a seep in Campbell Blue- Creek.

There is no timber of commercial value on the claim.

I saw no indication of mineral on the claim.

This homestead is primarily of value for a stock ranch headquarters, for which it is at present being used.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. HES 602 lies about 5/8 mile to N.

Alpine, Arizona, the nearest postoffice and trading point, lies about 10 miles to NE. and is reached by trail.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
N. 83°30'	E. 17.41	1.97		17.30	
S. 13°29'	E. 10.00		9.72	2.33	
S. 31°57'	E. 9.91		8.41	5.24	
S. 14°16'	W. 17.69		17.14		4.36
S. 73°46'	E. 16.09		4.50	15.45	
S. 24°12'	W. 10.91		9.95		4.47
N. 62°20'	W. 20.63	9.58			18.27
N. 19°09'	W. 40.41	38.17			13.26
	143.05	49.72	49.72	40.32	40.36
Error in Lat. & Dep.				04	

Closing error 1/3576'

HOMESTEAD ENTRY SURVEY NO. 598

APACHE NATIONAL FOREST

STATE OF ARIZONA

9.

Chains

Course	Dist.	N.	S.	E.	W.	
S. 14°16'	W. 1.40		1.36		.34	
S. 73°46'	E. 16.09		4.50	15.45		
S. 24°12'	W. 10.91		9.95		4.47	
N. 62°20'	W. 20.63	9.58			18.27	
N. 50°46'	E. 9.85	6.23		7.63		
<hr/>		58.88	15.81	15.81	23.08	23.08

Tie Cor. 1/598 to Cor. 3/602

Course	Dist.	N.	S.	E.	W.
N. 2°37'	E. 20.05	20.03		.92	
N. 70°37'	E. 2.55	.85		2.41	
N. 0°36'	W. 8.93	8.93			.09
N. 4°22'	E. 15.02	14.98		1.14	
N. 78°23'	E. 4.82	.97		4.72	
<hr/>		51.37	45.76	9.19	.09
				09	
				9.10	

Resultant course N. 11°14'50" E. 46.66 chs.

Tie Cor. 1/598 to SC. T. 5 N., Rs. 29 & 30 E.

Course	Dist.	N.	S.	E.	W.
N. 11°14'50"	E. 46.66	45.76		9.10	
N. 42°39'	E. 5.01	3.68		3.39	
N. 36°39'	W. 32.65	26.20			19.49
N. 33°29'48"	E. 13.97	11.65		7.71	
<hr/>		87.29		20.20	19.49
				19.49	
				.71	

Resultant Course N. 0°27'58" E. 87.28

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

Survey completed June 19, 1921.

Thomas J. Myers

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. 599, STATE OF ARIZONA

S-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.						
1 - 2	N. 83°30' E.	17.41	1 97		17 30		17 30		34 08			
2 - 3	S. 13°29' E.	10.00		9 72	2 33		36 93			358 96		
3 - 4	S. 31°57' E.	9.91		8 41	5 24		44 50			374 24		
4 - 5	S. 14°16' W.	17.69		17 14		4 36 ⁵	45 39			777 98		
5 - 6	S. 73°46' E.	16.09		4 50	15 45		56 49			254 20		
6 - 7	S. 24°12' W.	10.91		9 95		4 47 ⁶	67 47			671 33		
7 - 8	N. 62°20' W.	20.63	9 58			18 27	44 74		428 61			
8 - 1	N. 19°09' W.	40.41	38 17			13 26 ⁴	13 24		505 37			
		143.05	49 72	49 72	40 32	40 36 ³²			968 06		2436 71	
	Error in Lat. & Dep.				04						968 06	
	Closing Error 1/3576										20/1468 65	
											73 43	
					UNLISTED AREA							
	S. 14°16' W.	1.40		1 36			34	14 92			20 29	
	S. 73°46' E.	16.09		4 50	15 45			30 03			135 13	
	S. 24°12' W.	10.91		9 95			4 47	41 01			408 05	
	N. 62°20' W.	20.63	9 58				18 27	18 27	175 03			
	N. 50°46' E.	9.85	6 23		7 63			7 63	47 53			
		58.88	15 81	15 81	23 08	23 08			222 56		563 47	
											222 56	
											20/ 340 91	
											17 05	

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Ariz., June 20, 1912

The foregoing field notes of Homestead Entry Survey No.

598

executed by *Thomas E. Myers, Surveyor* [Forest Service Title.]
under his special instructions, dated *May 14*, 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.