

HES

0

0

6

0

3

45
MAY 16 1922

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES ORIGINAL

OF

HOMESTEAD ENTRY SURVEY NO. 603

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 24 , - surveyed, Township 4 N., Range 28 E.
In Section 3 , un-surveyed, Township 4 N., Range 29 E.
In Section 34 , un-surveyed, Township 4 1/2 N., Range 29 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of
ARIZONA.

Applicant for listing

Residence

Application No. , dated , 19

List No. 3-4388 , dated October 22 , 19 19.

Applicant for survey FRANK BALKE

Residence Alma, New Mexico, c/o M. Balke

H. E. No. 049110 , dated November 22 , 1920

Land Office Phoenix, Arizona.

Survey executed by Thomas F. Myers, Surveyor-Forest Service.

[Forest Service File]

Under special instructions dated March 6 , 19 20

Survey commenced May 31 , 19 21

Survey completed May 31 , 19 21

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

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. **603**, 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.

EB Luckie Chainman

Colt Harris Chainman

Subscribed and sworn to before me this **thirty-first** day of
May, 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 instruc-
tions of the United States Surveyor General for **ARIZONA**, dated
March 6, 19 **20**, 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. **3-4388**, dated **October 22, 1919**, for
Patent, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **603**,
situated within the **APACHE** National Forest, in
- surveyed Section **24**, Township **4 N.**, Range **28 E.**, and
un-surveyed Section **3**, Township **4 N.**, Range **29 E.**, and,
un-surveyed Section **34**, Township **4 1/2 N.**, Range **29 E.**

of the **GILA & 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 **4th** day of
April, 19 **22**.

Ethel S. Myers

Notary Public.



9-2349

My comm. expires April 12, 1925.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Blanket listing, List No. 3-4388, dated October 22, 1919. H. E. 049110, made by Frank Balke in the Phoenix Land Office on November 22, 1920.

Surveyed under special instructions from the Surveyor General for Arizona, dated March 6, 1920, and designated as Homestead Entry Survey No. 603.

Situated in Sec. 24, T. 4 N., R. 28 E., surveyed and accepted, and in what will probably be when surveyed Secs. 3 and 34, Ts. 4 and 4-1/2 N., R. 29 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 May 31, 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.

All the courses of this survey were deflected by sustained angulation from the meridian established by me by Polaris obsn. on May 29, 1921, near Cor. No. 5 of HES. 596, in connection with the survey of said claim.

RETRACEMENT

May 31, 1921.

Beginning at the 1/4 Cor. on the East boundary of Sec. 24, T. 4 N., R. 28 E. (Restored by Forest Service

Chains

Surveyor R. P. A. Johnson, on September 6, 1916, in connection with the survey of H.E.S. 480), a lava stone 12x12x10 ins. above ground, marked + on top and 1/4 on West face, with mound of stone west of Cor. Thence S. 0°17' W.

Retracing E. boundary of Sec. 24.

40.03

Fall 10 lks. E. of Cor. of Secs. 24 and 25 on E. boundary of T. 4 N. R. 28 E., a lava stone 10x5x10 ins. above ground, marked + on top, 2 notches on S. and 4 notches on N. edge, with mound of stone 3 ft. base 2 ft. high W. of Cor. (Cor. restored by R.P.A. Johnson on September 16, 1916, in connection with HES. 480). True line is S. 0°26' W. 40.03 chs.

BOUNDARIES OF CLAIM

May 31, 1921.

Beginning at Cor. No. 1 and Closing Cor. on E. boundary of Sec. 24.

Deposit a malpais stone 6x6x6 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x8x12 ins. chiseled + for the point, CC on E, and 1 HES 603 on N. face; raise a mound of stone 2 ft. base 1-1/2 ft. high, on line S. 88°35' E. of Cor., whence:

A pine 24 ins. dia. brs. S. 78°29' E. 55 lks.

A pine 20 ins. dia. brs. N. 32°54' E. 20 lks.

Each blazed and scribed CC 1 HES 603 + BT.

The Cor. of Secs. 24 and 25 on E. boundary of T. 4 N., R. 28 E., previously described, bears S. 0°26' W. 9.66 chs.

The 1/4 Cor. on E. boundary of Sec. 24, T. 4 N., R. 28 E., previously described, bears N. 0°26' E. 30.37 chs.

Lat. 33°42'48" N., Long. 109°20'42" W. from Forest Service Base Map.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Mag. decl. at 1 p.m. 14°40' E., Mean Mag. decl. 14°
43' E.

Thence N. 88°35' W.

Over open, level land.

7.93

To Cor. No. 2.

Identical with Cor. H/3 of the list survey, which is a
malpais stone 16x8x6 ins. above ground, marked and
witnessed as described by the Forest Service. I
destroy all trace of this list Cor.

Deposit a malpais stone 7x6x5 ins., marked with a + 15
ins. in the ground, over which set a malpais stone
25x8x10 ins. chiseled + for the point and 2 HES 603
on NE face; raise a mound of stone 2 ft. base 1-1/2
ft. high NE of Cor., whence:

A pine 12 ins. dia. brs. S. 2°40' W., 30 lks.

A pine 17 ins. dia. brs. S. 47°35' W. 40 lks.

Each blazed and scribed 2 HES. 603 + BT.

Thence N. 0°04' E.

Over open, rocky level land.

9.99

To Cor. No. 3.

Identical with Cor. H/4 of the list survey, which is a
malpais stone 18x18x12 ins., above ground, marked and
witnessed as described by the Forest Service. I
destroy all trace of this list cor.

Deposit a malpais stone 4x4x3 ins., marked with a +
14 ins. in the ground, over which set a malpais stone
24x14x8 ins. chiseled + for the point and 3 HES 603
on SE. face; raise a mound of stone 2 ft. base 1-1/2
ft. high SE. of Cor., whence:

A pine 9 ins. dia. brs. S. 87°15' W. 165 lks.,

blazed and scribed 3 HES 603 + BT.

No other witnesses available, pits impracticable.

APACHE NATIONAL FOREST

STATE OF ARIZONA

4.

Chains	Thence N. 50°04' E.
	Over open grassy land.
8.80	Arroyo 20 lks. wide, 3 ft. deep, course N.
10.00	Milligan Creek 25 lks. wide 3 ft. deep (dry), course N.
10.49	To Cor. No. 4 and Closing Cor. on East boundary of Sec. 24, T. 4 N., R. 28 E.
	Deposit a malpais stone 1x5x5 ins., marked with a + 14 ins. in the ground, over which set a malpais stone, 24x8x10 ins. chiseled + for the point, CC on SW. and 4 HES 603 on S. face; raise a mound of stone 2 ft. base 1-1/2 ft. high, on line S. 50°04' W. of Cor.
	No witnesses in limits, pits impracticable.
	The 1/4 Cor. on E. boundary of Sec. 24, T. 4 N., R. 28 E., previously described, bears N. 0°26' E. 13.45 chs. dist.
	Cor. No. 1 of this survey, previously described, bears S. 0°26' W. 16.92 chs. dist.
	Cor. of Secs. 24 and 25 on E. boundary of T. 4 N., R. 28 E., previously described, bears S. 0°26' W. 26.58 chs.
<hr/>	
	Thence N. 50°04' E.
	Over open level land.
32.45	To Cor. No. 5.
	Deposit a malpais stone 6x6x5 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x6x13 ins. chiseled + for the point and 5 HES 603 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of Cor. whence:
	A pine 13 ins. dia. brs. N. 72°55' W. 140 lks.
	A pine 26 ins. dia. brs. N. 54°16' W. 160 lks.
	Each blazed and scribed 5 HES 603 + BT.

Chains Cor. H/5 of the list survey, which is a malpais stone 12x12x6 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 25° W. 80 lks. I destroy all trace of this list Cor.

Thence N. 18°44' W.

Over open, level land.

13.32 To Cor. No. 6.

Identical with Cor. H/6 of the list survey, which is a malpais stone 12x8x6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 6x6x3 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x8x8 ins. chiseled + for the point and 6 HES 603 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of Cor., whence:

No witnesses available, pits impracticable.

Thence S. 89°39' E.

Over open, level land.

20.80 To Cor. No. 7.

Identical with Cor. No. 2 of HES 596 (also Cor. H/7 of the list survey, which was destroyed by me in connection with the survey of HES 596), a malpais stone 14x8x6 ins. above ground, marked + on top and 2 HES 596 on SE. face. I chisel same stone 7 HES 603 on SW face for Cor. No. 7 of this survey, and raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor.

No witnesses available, pits impracticable.

Thence S. 1°47' E.

Along line 2-1 of HES 596, over open level land

6.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains along inside of fence.

25.00 Fence, bears S. 5°30' E. Enter scattering pine.

33.08 To Cor. No. 8.

Identical with Cor. No. 1 of HES 596 (also Cor. H/1 of the list survey, which was destroyed by me in connection with the survey of HES 596), a malpais stone 18x7x8 ins. above ground, marked + on top and 1 HES 596 on NE. face. I chisel same stone 8 HES. 603 on NW. face for Cor. No. 8 of this survey and raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:

A pine 36 ins. dia. brs. N. 38° W. 178 lks.

A pine 20 ins. dia. brs. S. 19°35' W. 101 lks.

Each blazed and scribed 8 HES 603 + BT.

A pine 18 ins. dia. brs. N. 83°45' W. 105 lks.

A pine 12 ins. dia. brs. S. 42°30' W. 111 lks.

Each blazed and scribed 1 HES 596 + BT.

Thence S. 44°25' W.

Over rolling land through edge of scattering pine.

24.12 Fence, bears N. 60° E. and S. 60° W.

25.02 To Cor. No. 9.

Identical with Cor. H/2 of the list survey, which is a malpais stone 8x12x6 ins. set in mound of stone, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 6x4x4 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 26x12x9 ins. chiseled + for the point and 9 HES 603 on NW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:

A pine 27 ins. dia. brs. S. 35°50' E. 110 lks.

A pine 11 ins. dia. brs. N. 88°09' E. 141 lks.

Each blazed and scribed 9 HES 603 + BT.

Chains Thence N. 88°35' W.
 2.30 Fence, bears N. 60° E. and S. 60° W.
 5.65 Milligan Creek 40 lks. wide, 8 ft deep, running water
 2 lks. wide 1 ft. deep, course N. 30° W.
 25.01 To Cor. No. 1, the place of beginning.

AREA

Area in Sec. 24 - - - - - 10.72 A.
 Area in unsurveyed Secs. 3 and 34 - - - - - 143.60 A.
 Total Area - - - - - 154.32 A.

IMPROVEMENTS

The improvements made upon and for the benefit of this claim consist of the following:

A log house 20x30 ft. (partially completed), the long sides extending NE and SW, the E. Cor. of which bears N. 52°46' W. 1.60 chs. from Cor. No. 9.

Value - - - - - \$200.00

A pole corral 50 ft. in dia., the center of which bears N. 31°30' E. 3.25 chs. from Cor. No. 9.

Value - - - - - \$ 50.00

DESCRIPTION

The claim occupies a wide, open, flat with a general slope and drainage to the NW., situated on what is locally called Milligan Creek, a small stream which traverses the western portion of the claim from SE. to NW. Approximately 120 acres of the area is suitable for agricultural purposes. The soil is a rich black loam of good depth and very fertile, and will produce good crops of hay, oats, and vegetables. There is no water on the claim for irrigation. The rainfall is depended upon to grow crops. Water for domestic use may be obtained from Milligan Creek near Cor. No. 9 of the survey.

8. APACHE NATIONAL FOREST
STATE OF ARIZONA

Chains There is no timber of commercial value on the claim.
I saw no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is joined on the east by HES 596, line 1-2 thereof being identical with 7-8 of this survey. HES 481 lies about 5/8 of a mile to NE. HES 482 lies about 1 mile to NE. and HES 480 lies about 1/2 mile to East.
Espero, Arizona, the nearest postoffice, lies about 3 miles distant in a southeasterly direction.
Alpine, Arizona, the nearest trading point, lies about 15 miles distant in a northeasterly direction and is reached by trail.
Springerville, Arizona, the general trading point for this section, lies about 34 miles distant in a northerly direction and is reached by fair wagon road.

TRAVERSES

TRAVERSE AREA IN SECS. 3 and 34, UNSURVEYED.

Course	Dist.	N.	S.	E.	W.
N. 0°26' E.	16.92	16.92		.13	
N. 50°04' E.	32.45	20.83		24.88	
N. 18°44' W.	13.32	12.61			4.28
S. 89°39' E.	20.80		.13	20.80	
S. 1°47' E.	33.08		33.06	1.03	
S. 44°25' W.	25.02		17.87		17.51
N. 88°35' W.	25.01	.62			25.06
	166.60	50.98	51.06	46.84	46.79
Closing error	1/1766	08			05

SECTION 24

Course	Dist.	N.	S.	E.	W.
N. 88°35' W.	7.93	.20			7.93
N. 0°04' E.	9.99	9.99		.01	
N. 50°04' E.	10.49	6.73		8.04	
S. 0°26' W.	16.92		16.92		.13
	45.33	16.92	16.92	8.05	8.06

1/4533

Survey completed May 31, 1921.

Thomas J. Myers
Surveyor, Forest Service.

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 20, 1922

The foregoing field notes of Homestead Entry Survey No.

603

executed by Thomas F. Myers, Surveyor [Forest Service Title.]
under his special instructions, dated March 6, 1920, 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. Trotter
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. TROTTER
U. S. Surveyor General.