

ORIGINAL

209
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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 496

SITUATED IN THE **APACHE** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 19 , unsurveyed, Township 1 S., Range 31 E.
In Section 30 , unsurveyed, Township 1 S., Range 31 E.
And Establishment of U. S. L. M. No. 496 H. E. S.

of the

Gila and Salt River Base and Meridian.

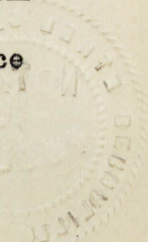
State of

ARIZONA

Applicant for listing **Fred Fritz,**
Residence **Clifton, Arizona**
Application No. **276** , dated **April 16** , 19 **13**
List No. **3-2826** , dated **September 22** , 19 **13**

Applicant for survey **Fred Fritz,**
Residence **Clifton, Arizona**
H. E. No. **024696** , dated **April 25** , 19 **14**
Office
Land District **Phoenix, Arizona**

Survey executed by **Lee C. Daves,** Surveyor - Forest Service
[Forest Service Title.]
Under special instructions dated **June 21** , 19 **16**
Survey commenced **April 10** , 19 **17**
Survey completed **April 12** , 19 **17**
Under Acts of **June 11, 1906 and August 11, 1916**



1.0

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496 apache

OATH OF ASSISTANTS

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

Lee C. Daves,
in surveying all those

parts or portions of Homestead Entry Survey No. **496**, 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.

P. J. Ambrose, Chairman

John H. Callahan, Chairman

Subscribed and sworn to before me this **15th** day of
July, 19 **17**.

Lee C. Daves

Surveyor Forest Service

7/15/17

OATH OF SURVEYOR

I, **Lee C. Daves,** **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
June 21, 19 **16**, 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. **3-2826**, dated **September 23 1913**, for
Patent, under the Act of **June 11, 1906**,
the same to be known as Homestead Entry Survey No. **496**,
situated within the **Apache** National Forest, in
unsurveyed Section **19**, Township **1 S.**, Range **31 E.**, and
unsurveyed Section **30**, Township **1 S.**, Range **31 E.**,

of the **Gila & Salt River Base** and 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.

Lee C. Daves

Surveyor Forest Service

[Forest Service Title.]

Subscribed and sworn to before me this **fifth** day of
October, 19 **18**

Ethel G. Myers

Notary Public.



8-2349

My Commission expires March 17, 1921.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Fred Fritz; Application No. 276, dated April 16, 1913; List No. 3-2826, dated September 22, 1913; H. E. 024696, made in the Phoenix Land Office on April 25, 1914 by Fred Fritz.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 21, 1916 and designated as Homestead Entry Survey No. 496.

Situated in what will probably be, when surveyed, Secs. 19 and 30, T. 1 S., R. 31 E., Gila and Salt River Base and Meridian, Apache National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and August 11, 1916.

Survey commenced April 10, 1917 and executed with a Buff and Buff transit No. 9702, 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 10, 1917.

At cor. No. 1 of this claim, hereinafter described, in Lat. $33^{\circ} 19' 50''$ N., Long. $109^{\circ} 11' 40''$ W., from Forest Service Base Map, I observe Polaris for azimuth at W. Elong. at 6h. 11.6m. p.m., l.m.t. and mark the directions determined by the mean of two direct and two reversed positions of the telescope by stakes firmly set in the ground about 30.00 chs. Northwardly of my station.

Difference between the mean of the two obsns. is $3/4$ inch.

Chains

Azimuth of Polaris at Elong., $1^{\circ} 21' 49''$

There being no Corner of the Public Land Survey, or U. S. Location Monument within two miles, I establish the U. S. Location Monument No. 496 H. E. S. as follows:

Located on a high ridge between the Blue River and Alder Creek, $5/8$ mile NW. of the Fritz Ranch, and about $3/4$ mile NW. of the junction of Alder Creek and the Blue River.

I chisel U S L M + No 496 H E S on top of a porphyry stone in place showing 30 x 16 x 8 ins. above ground; and raise a mound of stone 7 ft. base, 5 ft. high N. of cor., whence:

A cedar, 6 ins. dia., bears S. $82^{\circ} 10' E.$,
112 lks. dist.

A cedar, 6 ins. dia., bears S. $43^{\circ} 45' W.$,
82 lks. dist.

Each marked U S L M No 496 H E S + B T.

Maple Peak bears N. $77^{\circ} 06' E.$, about 5 miles
dist.

Sunset Peak bears S. $7^{\circ} 31' W.$, about 14
miles dist.

Pat Mountain bears S. $26^{\circ} 44' W.$, about
6 miles dist.

April 10, 1917.

BOUNDARIES OF CLAIM

April 11, 1917.

Beginning at cor. No. 1.

Identical with cor. H-3 of the list survey, which is a sandstone 24 x 12 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone

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Chains 6 x 4 x 3 ins. marked with a +, 14 ins. in the ground, over which set a sandstone 24 x 10 x 7 ins., chiseled + for the point and 1 - H E S 496 on SE. face; and raise a mound of stone 4 ft. base, 2 ft. high SE. of cor., whence:

A cedar, 10 ins. dia., bears S. 84° 30' W., 16 lks. dist.

A pinon, 7 ins. dia., bears N. 18° 30' W., 18 lks. dist.

Each marked 1 H E S 496 + B T.

U. S. L. M. No. 496 H. E. S., heretofore described, bears N. 84° 02' E., 6.23 chs. dist.

by direct measurement.

Lat. 33° 19' 50" N., Long. 109° 11' 40" W., from Forest Service Base Map.

Mag. decl. at 7:00 a.m. is 13° 30' E., which gives a mean mag. decl. of 13° 27' E.

Thence N. 89° 46' E.

Asc. 128 ft. through scattering juniper and pinon.

6.40 Top ridge, bears NW. and SE. Desc.

13.30 Wire fence bears N. and S.

17.50 Bottom 210 ft. desc. Canyon 200 lks. wide and 50 ft. deep - dry - course SE. Asc. steep and rocky W. slope.

25.30 Top 160 ft. asc. on S. point of ridge. Desc. abruptly.

32.50 Bottom 310 ft. desc. Thence over river bottom.

35.10 Middle channel Blue River, 50 lks. wide, 3 ft. deep, swift current, course S.

38.65 To cor. No. 2.

Identical with cor. H-4 of the list survey, which is a sandstone 24 x 10 x 9 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 6 x 4 x 4 ins. marked with a +, 14 ins. in the ground, over which set a sandstone 24 x 16 x 8 ins.,

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Chains chiseled + for the point and 2 - H E S. 496 on SW. face;
and raise a mound of stone 4 ft. base, 2 ft. high SW.
of cor.
No witnesses available. Pits impracticable.

Thence S. 0° 30' E.

1.25 Arroyo, 30 lks. wide, 3 ft. deep (dry), course W. Asc.
along steep and rocky W. slope, through scattering
pinon and juniper.
18.00 Top 260 ft. asc. on W. slope. Desc. gradually 170 ft.
to cor.
39.73 To cor. No. 3.

Identical with cor. H-1 of the list survey, which is
a sandstone 16 x 8 x 6 ins. above ground, marked and
witnessed as described by the Forest Service. I de-
stroy all trace of this list cor. Deposit a sand-
stone 5 x 5 x 3 ins. marked with a +, 24 ins. in the
ground, over which set an iron post, 36 ins. long,
2 ins. dia., with brass cap marked 1917 and 3 - H E S
496 in NW. quadrant; and raise a mound of stone 4 ft.
base, 2 ft. high NW. of cor., whence:

A pinon, 8 ins. dia., bears S. 61° 10' E.,
146 lks. dist.

A U. S. G. S. B. M., which is an iron post
3-1/2 ins. in dia., with brass cap marked
4321, bears N. 59° 41' W., 12.48 chs. dist.

April 11, 1917.

April 12, 1917.

Thence N. 89° 28' W.

Desc. steep and rocky W. slope.
3.00 Arroyo, 15 lks. wide, 3 ft. deep, course NW.
5.50 Bottom 165 ft. desc. N. and S. Thence over rocky bed
of Blue River.

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Chains	
7.20	Middle Blue River, running water 100 lks. wide, 2 ft. deep, swift current, course S.
8.40	Begin asc. of steep E. slope.
17.50	Top 260 ft. asc. Asc. gradually through mesquit brush.
38.42	To cor. No. 4.
	Identical with cor. H-2 of the list survey; which is a sandstone 24 x 16 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Set an iron post 3 ft. long, 2 ins. dia., with brass cap marked 1917 - 4 - H E S 496 in NE. quadrant, on solid rock in a mound of stones; and raise a mound of stone 4 ft. base, 2 ft. high NE. of cor., whence:
	A cedar, 12 ins. dia., bears N. 47° 00' E., 163 lks. dist., marked 4 H E S 496 + B T.
	No other witnesses available. Pits impracticable.
	Thence N. 0° 58' W.
	Asc. over bare conglomerate ledges.
2.50	Top 20 ft. asc., ridge bears E. and W. Desc. through scattering cedar and pinon.
7.75	Gulch, 20 lks. wide, 6 ft. deep, course N. 60° E.
15.20	Bottom 95 ft. desc. in box canyon, cut 20 lks. wide and 25 ft. deep into solid rock, dry, course SE. Enter gulch from the North and asc. along East side.
19.00	Leave gulch at head, course S.
21.00	Top 80 ft. asc. Ridge bears E. and W. Desc. 15 ft. abruptly.
31.50	Desc. along steep and rocky W. wall of box canyon.
38.10	Bottom 50 ft. desc., box canyon of Alder Creek, 30 lks. wide, 50 ft. deep, course SE. (dry). Asc. 30 ft. to cor.

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Chains

39.19 To cor. No. 1, and point of beginning.

AREA

Total Area - - - - - 152.04 acres

Note; Any discrepancy between this and the listing survey, is due to error in the latter.

IMPROVEMENTS

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

A frame house, 30 x 18 ft., the long side extending E. and W. and the NE. cor. of which bears N. 68° 40' W., 14.95 chs. dist. from cor. No. 3.

Value ----- \$500.00

A frame stable, 48 x 16 ft., the long side extending E. and W., and the NE. cor. of which bears N. 65° 40' W., 14.30 chs. dist. from cor. No. 3.

Value ----- \$350.00

DESCRIPTION

The claim is situated on Blue River at the Mouth of Alder Creek.

The land is very rough and rocky.

There is no timber of commercial value on the claim.

Water for domestic use is obtained from Alder Creek.

About 5 acres might be cultivated. This area consists of several scattered tracts. About 0.7 acres in one place and about a quarter of an acre near the house are in cultivation.

There were no indications of mineral upon the claim.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.
Clifton, Arizona, the nearest post office and trading point, is about 20 miles dist. in a Southerly direction.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	N. 89° 46' E.	38.65	0.16		38.65	
2-3	S. 0° 30' E.	39.73		39.73	0.35	
3-4	N. 89° 28' W.	38.42	0.36			38.42
4-1	N. 0° 58' W.	39.19	39.18			0.66
		145.99	39.70	39.73	39.00	39.08
Error in Lat. and Dep.				39.70		39.00
				.03		.08

Closing Error, 1:1709.

Survey completed April 12, 1917.

Lucas

Surveyor - Forest Service

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Form 85.
Sheet No. 2.

HOMESTEAD ENTRY SURVEY NO. 892

NATIONAL FOREST

STATE OF

Chains

There are no conflicts or adjoining claims
within, Arizona, the nearest post office and trading
point, is about 20 miles distant in a southerly direc-
tion.

Course	Dist.	N	S	E	W
1-2 N. 89° 46' E.	28.85	0.18		28.85	
2-3 S. 2° 30' E.	28.75		0.25		28.43
3-4 N. 89° 53' E.	28.12	0.22			28.12
4-1 N. 0° 58' E.	28.18		28.18		28.18
Error in lat. and dep.			0.08		0.08
Closing Error, 1:1702.					
Survey completed April 11, 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. I. 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. 496, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.		
			NORTH.	SOUTH.	EAST.	WEST.						
1-2	N. 89° 46' E	38.65	16	72	38	67	38	67	6	57		
2-3	S. 0° 30' E	39.73	39	73	35	87	77	71	3086	64		
3-4	N. 89° 28' W	38.42	36				59	68	14	28		
4-1	N. 0° 58' W	39.19	18				64	64	25	08		
		145.99	70				59	00	45	93		
			39		39	04	39	04	20	3040	71	
			03		08	08				152	04	acres
	Closing error 1: 1709											

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 27, 1920

The foregoing field notes of Homestead Entry Survey No.

496

executed by *Lee C. Daves, Surveyor* [Forest Service Title.]
under his special instructions, dated *June 21*, 1916, 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.