

ORIGINAL

39

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

AUG. 2- 1917

FIELD NOTES

MAR. 26. 1918

NOV. 22 1918

OF

HOMESTEAD ENTRY SURVEY NO. 483

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 1 , unsurveyed, Township 4 N., Range 29 E.
In Section 2 , unsurveyed, Township 4 N., Range 29 E.
In Section 35 , unsurveyed, Township 4 1/2 N., Range 29 E.
In Section 36 , unsurveyed, Township 4 1/2 N., Range 29 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing Geo. J. Trimble,
Residence Alpine, Arizona
Application No. 202 , dated April 8 , 1912
List No. 3-3066 , dated January 13 , 1914

Applicant for survey Umpstead R. Wiltbank,
Residence Alpine, Arizona
H. E. No. 025956 , dated October 28 , 1914
Office
Land District Phoenix, Arizona

Survey executed by R. P. A. Johnson, Surveyor - Draftsman
[Forest Service Title.]
Under special instructions dated June 21 , 1916
Survey commenced September 9 , 1916
Survey completed September 10 , 1916
Under Acts of June 11, 1906 and August 11, 1916

OATH OF ASSISTANTS

We hereby certify that we assisted R. P. A. Johnson in surveying all those parts or portions of Homestead Entry Survey No. 483, 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.

Chester A. Lee, Chairman
Howard B. Ricketts, Chairman

Subscribed and sworn to before me this twenty seventh day of September, 1916.

R. P. A. Johnson
 Surveyor Draftsman

OATH OF SURVEYOR

I, R. P. A. Johnson, Surveyor Draftsman do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated June 21, 1916, 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. 33066, dated January 13, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 483, situated within the Apache National Forest, in
 unsurveyed Section 35, Township 4 1/2 N, Range 29 E, and
 unsurveyed Section 36, Township 4 1/2 N, Range 29 E,
 unsurveyed Section 1, Township 4 N, Range 29 E,
 unsurveyed Section 2, Township 4 N, Range 29 E

of the Gila and Salt River Basins 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.

R. P. A. Johnson
 Surveyor Draftsman
 (Forest Service Title.)

Subscribed and sworn to before me this twelfth day of April, 1917.

Ethel M. Gutchall
 Notary Public



My Commission expires Mar. 17 1921

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing Geo. J. Trimble; Application No. 202, dated April 8, 1912; List No. 3-3066, dated January 13, 1914; H. E. 025956, made in the Phoenix Land Office on October 28, 1914 by Umpstead R. Wiltbank. Surveyed under special instructions from the Surveyor General for Arizona, dated June 21, 1916 and designated as Homestead Entry Survey No. 483.

Situated in what will probably be, when surveyed, Secs. 1, 2, 35 and 36, 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 August 11, 1916.

Survey commenced September 9, 1916 and executed with a Buff and Buff transit 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.

September 9, 1916.

At 8h. 18.4m. p.m., l.m.t., I observe Polaris for azimuth at Eastern Elongation at cor. No. 2, hereinafter described, with telescope direct and reversed. The reading on the reference object is set at zero. The mean horizontal angle West of star is $1^{\circ} 16'$ and the azimuth of Polaris at Elongation, $1^{\circ} 22' .07''$. Therefore reference object bears N. $0^{\circ} .06' .07''$ E.

Lat. $33^{\circ} 43' 31''$ N., Long. $109^{\circ} 19' 18''$ W., from special

Chains instructions of the Surveyor General, and later verified.

September 10, 1916.

At 8h. 14.5m. p.m., l.m.t., I again observe Polaris for azimuth at Eastern Elongation at same station, with telescope direct and reversed. The reading on the reference object is set at zero. The mean horizontal angle West of star is $1^{\circ} 16' 30''$ and the azimuth of Polaris at Elongation $1^{\circ} 22' 07''$. Therefore reference object bears N. $0^{\circ} 05' 37''$ E.

The mean of these two observations is N. $0^{\circ} 05' 52''$ E. and to the corresponding meridian all the courses of this survey are referred.

BOUNDARIES OF CLAIM

September 10, 1916.

Beginning at cor. No. 1.

On line 5-6 of H. E. S. 480.

Identical with cor. H-2 of the list survey, which is a lava stone 10 x 10 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 6 x 5 x 3 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 10 x 10 ins. chiseled + for the point and 1 - H E S 483 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A yellow pine, 14 ins. dia., bears N. $34^{\circ} 54'$ E., 38 lks. dist., scribed 1 H E S 483 + B T.

A yellow pine, 26 ins. dia., bears S. $2^{\circ} 50'$ E., 51 lks. dist., scribed 1 H E S 483 + B T.

Cor. No. 6, H. E. S. 480, which is a lava stone 8 x 5 x 10 ins. above ground, marked.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

6 H E S 480 on NW. face, bears S. 23°
05' W., 28.00 chs. dist.

1/4 sec. cor. bet. secs. 19 and 24, T. 4 N.,

Rs. 28 and 29 E., which is a lava stone

12 x 12 x 10 ins. above ground, marked 1/4

on W. face, bears S. 86° 56' 48" W., 141.18

chs. dist., by traverse which appears at

the end of these notes.

Lat. 33° 43' 25" N., Long. 109° 19' 21" W., from special
instructions from the Surveyor General, and later
verified.

Mag. decl. at 8 a.m., 14° 40' E. Mean mag. decl.,

13° 37' E.

Thence N. 23° 05' E.

Along line 6-5 of H. E. S. 480. In open, over level
land. Fence on line.

9.72 Fence cor., fence bears N. 55° W. and along line.

9.93 Road bears N. 55° W. and S. 55° E.

10.40 To cor. No. 2.

Also cor. No. 5, H. E. S. 480 and cor. No. 9 of H. E.
S. 482.

Identical with cor. H-1 of List 3-3066, cor. H-1 of
List 3-2904 and cor. H-6 of List 3-2311, which is a
lava stone 8 x 4 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 lava stone
6 x 5 x 5 ins. marked with a +, 14 ins. in the ground,
over which set a lava stone 24 x 14 x 10 ins., chiseled
+ for the point, 2 - H E S 483 on E. face, 5 - H E S
480 on WSW. face and 9 - H E S 482 on N. face. No
witnesses available, therefore dig pits 24 x 24 x 12
ins. crosswise on claim lines S. 23° 05' W. and N. 55°
30' W., 7 ft. dist. and N. 7° 30' E., 3 ft. dist; and
raise a mound of earth and rock 5 ft. base, 3 ft. high

Chains

WSW. of cor.

Thence N. 7° 30' E.

Along line 9-8 of H. E. S. 482. Descend 10 ft. in open to cor.

18.94 To cor. No. 3.

Also cor. No. 8 H. E. S. 482.

Identical with cor. H-6 of List 3-3066 and cor. H-1 of List 3-2311, which is a lava stone 14 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 3 x 2 x 2 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 12 x 8 ins., chiseled + for the point, 3 - H E S 483 on SE. face and 8 - H E S 482 on NW. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 3 ft. dist.; and raise a mound of earth and rock 4 ft. base, 3 ft. high NW. of cor.

Thence S. 70° 54' E.

Along line 8-7 of H. E. S. 482. Over open level land.

3.00 Fence bears NNE. and SSW.

10.00 Cor. No. 4.

Also cor. No. 7, H. E. S. 482.

Identical with cor. H-5 of List 3-3066 and cor. H-2 of List 3-2311, which is a lava stone 14 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 5 x 5 x 3 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 26 x 12 x 9 ins. chiseled + for the point, 4 - H E S 483 on S. face and 7 - H E S 482 on N. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. N. 24° 22'

TEAPACHE NATIONAL FOREST

STATE OF ARIZONA

Chains	E. and N. 70° 54' W., 7 ft. dist. and S. 55° 23' E., 3 ft. dist.; and raise a mound of earth and stone 5 ft. base, 2-1/2 ft. high, 3 ft. dist. N. of cor.
	Thence S. 55° 23' E. In open, over level land.
0.18	Arroyo, 8 lks. wide, banks 1 ft. high, course NW.
4.50	Arroyo, 10 lks. wide, banks 4 ft. high, course NW.
14.20	Arroyo, 20 lks. wide, banks 3 ft. high, course N. Ascend 15 ft. to rocky point, in open.
30.00	Rocky point, bears NE. and SW. Descend 10 ft. in open to cor.
43.02	To cor. No. 5. Deposit a lava stone 6 x 6 x 5 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 10 x 8 ins., chiseled + for the point and 5 H E S 483 on W face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines, 8 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Cor. H-4 of the list survey, which is a lava stone 10 x 4 x 5 ins. above ground, marked and witnessed as described by the Forest Ser- vice, bears N. 39° 57' E., 3.50 chs. dist. I destroy all trace of this list cor. Move necessary to reduce acreage to statutory limits, with the knowledge and consent of the claimant.
	Thence S. 39° 57' W. Thence over open level land. Fence on line.
2.08	Arroyo, 50 lks. wide, banks 4 ft. high, course W. Ascend 10 ft. to top of low ridge in open.
28.00	Top ridge bears NW. and SE. Descend 5 ft. in open to arroyo.
33.00	Arroyo, 20 lks. wide, banks 6 ft. high, course NW. Ascend 10 ft. in open to ridge.

TRAPACHE NATIONAL FOREST

STATE OF ARIZONA

Chains	38.86	Ridge, bears NW. and SE. Descend 10 ft. to arroyo.
	42.13	Arroyo, 20 lks. wide, banks 4 ft. high, course NW.
	43.00	To cor. No. 6.
<p>Identical with cor. H-3 of the list survey, which is a lava stone 8 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 4 x 4 x 4 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 8 x 8 ins., chiseled + for the point and 6 - H E S 483 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence:</p> <p>A yellow pine, 8 ins. dia., bears S. 25° 54' W., 221 lks. dist., scribed 6 H E S 483 + B T.</p> <p>A yellow pine, 16 ins. dia., bears N. 74° 45' W., 160 lks. dist., scribed 6 H E S 483 + B T.</p>		
		Thence N. 36° 24' W.
	9.50	Ascend 10 ft. in open to ridge. Fence on line. Ridge bears N. and S. Descend 10 ft. in edge of timber to arroyo.
	16.50	Arroyo, 20 lks. wide, banks 5 ft. high, course NE.
	21.40	Arroyo, 5 lks. wide, banks 1 ft. high, course NNE. Ascend 15 ft. in scattered timber to ridge.
	27.80	Ridge, bears NNE. and SSW. Descend 15 ft. in scattered timber to arroyo.
	34.10	Arroyo, 8 lks. wide, banks 2 ft. high, course NE. Thence over open level land to cor.
	39.90	Road, bears N. 25° E. and S. 23° W.
	40.14	To cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 159.59 acres.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

IMPROVEMENTS

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

A log dwelling, 35 x 12 ft., the long side of which bears E. and W. and the SW. cor. of which bears N. 84° 36' E., 12.15 chs. dist. from cor. No. 1.

Value ----- \$200.00

There is approximately 2 miles of wire fence.

Value ----- \$250.00

DESCRIPTION

This claim lies from 1/4 to 1/2 mile South of Beaver Creek, on a gently North slope. The elevation is approximately 7600 ft. The claim is cut by arroyos flowing North into Beaver Creek. The land consists of a N. sloping bench with point of low ridges to South and a rocky malpais point in NE.

The soil on slopes and low ridges is a clayey loam of good depth and fertile. The rocky malpais point on NE. is non-agricultural.

The timber consists of a few scattered yellow pine along the SW. boundary.

Water for domestic use is obtained from Beaver Creek.

There is no water for irrigation.

I saw no indications of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H. E. S. Nos. 480 and 482 join this claim on the W.

Alpine, Arizona, the nearest post office, is 20 miles dist. over poor road. Springerville, Arizona, the nearest commercial center is 50 miles dist. and Holbrook, Arizona, the nearest railroad point is 150 miles dist.

HOMESTEAD ENTRY SURVEY NO. 483

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains	TRAVERSE						
	Cor.	Course	Dist.	N	S	E	W
1-2	N. 23° 05' E.	10.40	9.57			4.08	
2-3	N. 7° 30' E.	18.94	18.78			2.47	
3-4	S. 70° 54' E.	10.00			3.27	9.45	
4-5	S. 55° 23' E.	43.02			24.44	35.40	
5-6	S. 39° 57' W.	43.00			32.96		27.61
6-1	N. 36° 24' W.	40.14	32.31				23.82
		165.50	60.66	60.67	51.40	51.43	51.43
				60.66		51.40	51.40
	Error in Lat. and Dep.				.01		.03

Closing error, 1:5234.

Survey completed September 10, 1916.

R. P. Johnson
Surveyor - Draftsman

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. 483, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 23° 05' E.	10.40	9 57 ✓		4 08 ✓		4 08	39 05 ✓	
2-3	N. 7° 30' E.	18.94	18 78 ✓		2 47 ✓		10 63	199 63 ✓	
3-4	S. 70° 54' E.	10.00		3 27 ✓	9 45 ✓		22 55	73 74 ✓	
4-5	S. 55° 23' E.	43.02		24 44 ✓	35 40 ✓		67 41	1646 83 ✓	
5-6	S. 39° 57' W.	43.00		32 96 ✓		27 61 ✓	75 22	2479 25 ✓	
6-1	N. 36° 24' W.	40.14	32 31 ✓			23 82 ✓	23 81	769 30 ✓	
		165.50	60 66	60 67	51 40	51 43		1007 98 ✓	4199 82 ✓
			60 66	60 66	51 41	51 41			1007 98 ✓
									3191 84
									159 59 ✓ Acres.

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EMH

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures, but put below them the corrected footing in red ink. 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.

3. In calculations for balancing fallings should be proportional to the lengths of the lines.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 483, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	Tie from cor. No. 1 to 1/4 sec. cor. bet. sees. 24 and 19.								
	S. 23° 05' W.	28.00		25 76		10 98			
	S. 65° 34' W.	26.09		10 79		23 75			
	N. 32° 06' W.	38.10	32 28			20 25	log.	140.98	2.149157
	S. 87° 50' W.	86.06		3 25		86 00	log.	7.52	10.876218
			32 28	39 80	0 00	140 98	log. tan.	86° 56' 48"	11.272939
			<u>32 28</u>	<u>32 28</u>	<u>0 00</u>	<u>0 00</u>			
			7 52			140 98	log.	140.98	2.149157
							log. sin.	86° 56' 48"	9.999383
							log.	141.18	2.149774

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EMH

APPROVAL

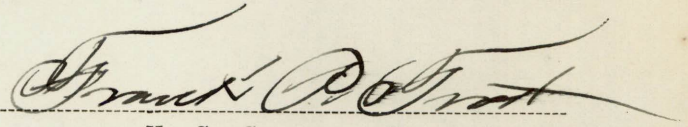
Office of the United States Surveyor General,

Phoenix, Arizona, June 29, 1918

The foregoing field notes of Homestead Entry Survey No.

483

executed by R. P. A. Johnson, Surveyor-Draftsman
[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.


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.