

ORIGINAL

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

195

SEP 4 - 1917  
MAY - 2 1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 460

MAY 22 1918

SITUATED IN THE SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

Approximately

In Section 29 , unsurveyed, Township 12 N., Range 17 E.

~~In Section 30 , unsurveyed, Township 12 N., Range 17 E.~~

In Section 32 , unsurveyed, Township 12 N., Range 17 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

p-5

Applicant for listing James O. Brookbank,

Residence Heber, Arizona

Application No. 473 , dated April 24 , 1913

List No. 3-2821 , dated November 3 , 1913

Applicant for survey Ewart L. Bunger,

Residence Heber, Arizona

H. E. No. 027103 , dated June 22 , 1915

Office  
Land District Phoenix, Arizona

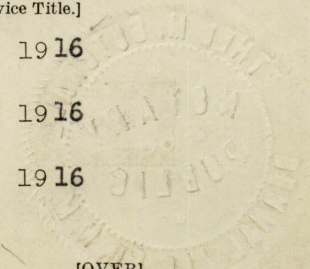
Survey executed by R. P. A. Johnson, Surveyor - Draftsman  
[Forest Service Title.]

Under special instructions dated April 17 , 1916

Survey commenced July 24 , 1916

Survey completed July 26 , 1916

Under Acts of June 11, 1906 and June 30, 1916



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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. 460, 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.

Nelson A. Newman, Chairman

Chester A. Lee, Chairman

Subscribed and sworn to before me this fourteenth day of August, 1916.

R. P. A. Johnson  
Surveyor Draftsman

OATH OF SURVEYOR

I, R. P. A. Johnson, Surveyor Draftsman [Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated April 17, 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 Tract No 3-2821 dated November 3, 1913 and a tract of land upon the application of Court L. Dunger Application No. 473, dated April 29, 1913, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 460, situated within the SITGREAVES National Forest, in approximately unsurveyed Section 29, Township 12 N, Range 17 E, and unsurveyed Section 30, Township 12 N, Range 17 E, and unsurveyed Section 32, Township 12 N, Range 17 E.

of the Gila and Salt River 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 thirtyfirst day of March, 1917.

Ethel M. Gutschell  
Notary Public



My Commission expires Mar. 17 1921

HOMESTEAD ENTRY SURVEY NO. 460

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicant for listing, James C. Brookbank; Application No. 473, dated April 24, 1913; List No. 3-2821, dated November 3, 1913; H. E. 027103, made in the Phoenix Land Office on June 22, 1915 by Ewart L. Bunker.

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 No. 027103.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 17, 1916 and designated as Homestead Entry Survey No. 460.

Situated in what will probably be, when surveyed, Secs. 29, and 32, T. 12 N., R. 17 E., Gila and Salt River Base and Meridian, within the Sitgreaves National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and June 30, 1916.

Survey commenced July 24, 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.

July 24, 1916, p.m.

I observe Polaris for azimuth at cor. No. 1, hereinafter described. The reading on the reference object is set at zero and my watch is set for local mean time.

Lat. 34° 24' N., Long. 110° 34' 10" W., from special instructions from the Surveyor General and later verified.

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HOMESTEAD ENTRY SURVEY NO. 460

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains	Telescope	Time	Horizontal Angle
			East to star
	Direct	8h. 48m. 50s.	1° 01' 00"
	Reversed	8h. 49m. 58s.	1° 01' 30"
		2) 17h. 38m. 48s.	2° 02' 30"
	Mean	8h. 49m. 24s.	1° 01' 15"
	l.m.t. obsn., July 24, 1916, 8h. 49.4m. p.m.		
	Greenwich m.t. U.C. Pol., July 25, 5h. 19.7m. a.m.		
			8h. 30.3m.
	Correction for Longitude, 01.2m.		
	Hour Angle Pol. at obsn. 8h. 29.1m.		
	Azimuth of Polaris, 1° 05' 20" E.		
	Bearing of reference object, N. 0° 04' 05" E.		

July 25, 1916, a.m.

I observe the altitude of the sun for azimuth at cor. No. 1, hereinafter described. The reading on the reference object is set at zero and the sun was observed in the lower left and upper right quadrants of the field. My watch is set for local mean time.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	8h. 17m. 31s.	89° 27' 00"	37° 18' 00"
Reversed	8h. 18m. 39s.	89° 25' 00"	36° 59' 30"

Bearing of reference object, N. 0° 05' 43" E.

The mean of these is N. 0° 04' 54" E. and to the corresponding meridian all the courses of this survey are referred.

RETRACEMENT

July 25, 1916.

From cor. No. 8 H E S 181, hereinafter described.

Thence East.

On a random line.

## SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains  
40.57

Fall 6 lks. N. of cor. No. 1, H. E. S. 181, and cor. No. 6 of H. E. S. 180, which is a sandstone 18 x 16 x 10 ins. above ground, marked 1 - H E S 181 on SW. face and 6 - H E S 180 on SE. face.

Return course N. 89° 55' W., 40.57 chs.

## BOUNDARIES OF CLAIM

Beginning at cor. No. 1.

On line 1-8 of H. E. S. 181.

Deposit a sandstone 2 x 1 x 1 ins. marked with a +, 16 ins. in the ground, over which set a sandstone 26 x 16 x 8 ins., chiseled + for the point and 1 - H E S 460 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:

A yellow pine, 26 ins. dia., bears N. 77° 15' E., 243 lks. dist., scribed 1 H E S 460 + B T.

A yellow pine, 26 ins. dia., bears N. 26° 30' W., 362 lks. dist., scribed 1 H E S 460 + B T.

Cor. No. 1, H. E. S. 181, heretofore described, bears S. 89° 55' E., 20.57 chs. dist.

U. S. L. M. No. 180 H. E. S. which is a + on a limestone boulder 8 x 7 x 4 ft. above ground, chiseled U S L M No 180 H E S on NW. face, bears S. 72° 59' 04" E., 63.70 chs., by traverse which appears at the end of these notes. There is no cor. of public land surveys within prescribed limits.

Lat. 34° 24' N., Long. 110° 34' 10" W., from special

instructions from the Surveyor General, and verified by Forest Service Base Map.

Mag. decl. at 8:00 a.m., 14° 30' E. Mean mag. decl., 14° 26' E.

Thence N. 89° 55' W.

Along line 1-8 of H. E. S. 181. Over level land.

Chains  
20.00

Fence on line, over unlisted land.  
To cor. No. 2.

Identical with cor. No. 8 of H. E. S. 181, which is a sandstone 16 x 8 x 10 ins. above ground, chiseled 8 - H E S 181 on SE. face, with pits 24 x 24 x 12 ins. crosswise on claim lines 8 ft. dist. and mound of earth 4 ft. base, 2 ft. high SE. of cor. I mark same stone 2 - H E S 460 on NW. face for cor. No. 2 of this survey, whence:

A yellow pine, 18 ins. dia., bears N. 11° 20' W., 140 lks. dist., scribed 8 H E S 181, 2 H E S 460 + B T.

A yellow pine, 10 ins. dia., bears N. 84° 55' E., 324 lks. dist., scribed 2 H E S 460 + B T.

A yellow pine, 20 ins. dia., bears S. 7° 39' E., 224 lks. dist., scribed 8 H E S 181 + B T.

Thence S. 20° 19' E.

Along line 8-7 of H. E. S. 181.

Over level land in scattered pine timber. Fence on line. Cor. No. 7 of H E S 181 is in plain sight.

17.86 To cor. No. 3.

Identical with cor. No. 7 of H. E. S. 181, which is a sandstone 10 x 8 x 10 ins. above ground, marked 7 - H E S 181 on the SE. face, with pits 24 x 24 x 12 ins. crosswise on claim lines 3-1/2 ft. dist. and mound of earth 4 ft. base, 2 ft. high SE. of cor. I mark same stone 3 - H E S 460 on NW. face for cor. No. 3 of this survey, whence:

A yellow pine, 20 ins. dia., bears N. 84° 30' W., 150 lks. dist., scribed 3 H E S 460 + B T.

A yellow pine, 26 ins. dia., bears N. 59° 30' E., 209 lks. dist., scribed 3 H E S 460 + B T.

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STATE OF ARIZONA

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Chains

A yellow pine, 24 ins. dia., bears N. 10° 45' E.,  
124 lks. dist., scribed 7 H E S 181 + B T.

A yellow pine, 20 ins. dia., bears N. 67° 33' W.,  
48 lks. dist., scribed 7 H E S 181 + B T.

Thence N. 89° 33' W.

Along line 7-6 of H. E. S. 181. Over level land in  
scattered pine timber. Fence on line. Cor. NO. 6 of  
H E S 181 is in plain sight.

15.01 To cor. No. 4.

Identical with cor. No. 6 of H. E. S. 181, which is a  
sandstone 14 x 6 x 8 ins. above ground, marked 6 -  
H E S 181 on SE. face, with pits 24 x 24 x 12 ins.,  
7 ft. dist. S. and E. of cor. and mound of earth SE.  
of cor. I mark same stone 4 - H. E. S. 460 on NE. face  
and dig pit 24 x 24 x 12 ins., 7 ft. dist. N. of cor.  
and add dirt to old mound, whence:

A yellow pine, 28 ins. dia., bears S. 81° 54' E.,  
176 lks. dist., scribed 4 H E S 460 + B T.

A yellow pine, 12 ins. dia., bears N. 37° 29' W.,  
337 lks. dist., scribed 4 H E S 460 + B T.

A yellow pine, 30 ins. dia., bears S. 76° 39' E.,  
114 lks. dist., scribed 6 H E S 181 + B T.

A yellow pine, 24 ins. dia., bears N. 44° 10' E.,  
79 lks. dist., scribed 6 H E S 181 + B T.

Thence N. 1° 20' E.

Over level land, through scattered pine timber.  
Fence on line.

27.77 To cor. No. 5.

Deposit a sandstone 4 x 2 x 1 ins. marked with a +, 20  
ins. in the ground, over which set a limestone 30 x 12  
x 5 ins., chiseled + for the point and 5 - H. E. S. 460  
on NW. face; and raise a mound of stone 3 ft. base, 2  
ft. high NW. of cor., whence:

Chains

A yellow pine, 8 ins. dia., bears S. 34° 49' W.,  
 102 lks. dist., scribed 5 H E S 460 + B T.  
 A yellow pine, 6 ins. dia., bears N. 82° 00' W.,  
 151 lks. dist., scribed 5 H E S 460 + B T.

Thence S. 89° 56' W.

Over level land in edge of pine timber. Fence on  
 line.

1.01 Cor. H-4 of the list survey, which is a sandstone 10 x 4  
 x 6 ins. above ground, marked and witnessed as described  
 by the Forest Service. I destroy all trace of this  
 list cor. Leave unlisted and enter listed land.

Fence cor., fence bears N. 39° W.

32.43 To cor. No. 6.

Identical with cor. H-1 of the list survey, which is  
 a pine post 4 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 sandstone  
 4 x 3 x 2 ins. marked with a +, 16 ins. in the ground,  
 over which set a sandstone 26 x 12 x 8 ins., chiseled  
 + for the point and 6 - H E S 460 on NE. face; and  
 raise a mound of stone 3 ft. base, 2 ft. high NE. of  
 cor., whence:

A yellow pine, 22 ins. dia., bears S. 83° 43' W.,  
 51 lks. dist., scribed 6 H E S 460 + B T.

A yellow pine, 28 ins. dia., bears S. 12° 23' W.,  
 91 lks. dist., scribed 6 H E S 460 + B T.

Thence N. 25° 32' W.

In open, over level land. Fence on line.

17.19 SW. cor. corral.

17.88 NW. cor. corral.

22.01 To cor. No. 7.

Identical with cor. H-2 of the list survey, which is



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Chains

a sandstone 13 x 5 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 2 x 2 x 2 ins. marked with a +, 10 ins. in the ground, over which set a sandstone 20 x 12 x 6 ins. (no larger stone available) chiseled + for the point and 7 - H E S 460 on E. face. No stones available for mound, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high E. of cor., whence:

A yellow pine, 22 ins. dia., bears N. 18° 40' W., 17 lks. dist., scribed 7 H E S 460 + B T.

A yellow pine, 18 ins. dia., bears S. 21° 40' W., 55 lks. dist.; scribed 7 H E S 460 + B T.

July 25, 1916.

July 26, 1916.

Thence N. 25° 58' E.

Along edge of timber, over level land. Fence on line.

21.27 To cor. No. 8.

Identical with cor. H-3 of the list survey, which is a limestone 12 x 12 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 3 x 3 x 3 ins. marked with a +, 10 ins. in the ground, over which set a limestone 20 x 16 x 12 ins., (no larger stone available), chiseled + for the point and 8 - H E S 460 on S. face. No stone available for mound, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist; S. of cor., whence:

A yellow pine, 14 ins. dia., bears S. 58° E.,

Chains 113 lks. dist., scribed 8 H E S 460 + B T.  
 A yellow pine, 18 ins. dia., bears N. 89° 15' E.,  
 79 lks. dist., scribed 8 H E S 460 + B T.

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Thence S. 40° 06' E.  
 Leave listed and enter unlisted land. Over level land  
 in scattered pine timber.  
 27.60 Leave flat and ascend 10 ft. to bench.  
 41.49 To cor. No. 9.  
 Deposit a limestone 6 x 4 x 3 ins. marked with a +, 14  
 ins. in the ground, over which set a limestone 24 x 12  
 x 8 ins., chiseled + for the point and 9 - H E S 460 on  
 SE. face; and raise a mound of stone 3 ft. base, 2 ft.  
 high SE. of cor., whence:  
 A yellow pine, 24 ins. dia., bears S. 8° 49' E.,  
 94 lks. dist., scribed 9 H E S 460 + B T.  
 A yellow pine, 10 ins. dia., bears N. 59° 28' W.,  
 92 lks. dist., scribed 9 H E S 460 + B T.

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Thence S. 75° 59' E.  
 Over level land in timber.  
 4.00 Leave bench. Descend 10 ft. to bottom.  
 6.00 Fence bears N. and S. Ascend along SW. slope in scattered  
 timber 40 ft. to cor.  
 35.13 To cor. No. 10.  
 Deposit a limestone 6 x 4 x 2 ins. marked with a +, 18  
 ins. in the ground, over which set a limestone 28 x 10  
 x 8 ins., chiseled + for the point and 10 - H E S 460 on  
 SW. face; and raise a mound of stone 3 ft. base, 2 ft.  
 high SW. of cor., whence:  
 A yellow pine, 32 ins. dia., bears N. 20° 27' E.,  
 21 lks. dist., scribed 10 H E S 460 + B T.  
 A yellow pine, 6 ins. dia., bears N. 83° 43' W.,

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

192 lks. dist., scribed 10 H E S 460 + B T.

Thence S. 0° 04' W.

Descend 30 ft. in open to cor.

9.89 To cor. No. 1, the place of beginning.

AREA

Listed Area - - - - - 79.35 acres

Unlisted Area - - - - - 61.53 acres

Total Area - - - - - 140.88 acres

IMPROVEMENTS

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

A log dwelling, 14 x 14 ft., the NW. cor. of which bears N. 87° 43' E., 5.34 chs. dist. from cor. No. 7.

Value ----- \$ 75.00

An earth tank, 100 ft. dia.

Value ----- \$100.00

Approximately 1-1/2 miles of wire fence.

Value ----- \$175.00

A pole corral, 80 x 45 ft., the NW. cor. of which bears S. 25° 32' E., 4.13 chs. dist. from cor. No. 7.

Value ----- \$ 25.00

DESCRIPTION

This claim is on the N. slope of Mogollon Mesa and lies at an elevation of 6600 ft. The tract consists of level bottom land except for portion of low bench to NE. The general slope is to the SE.

The claim is covered with a scattered stand of yellow pine except for park in NW. portion.

The soil is a clayey loam of good depth and produces

Chains

good crops.  
Water for domestic use is obtained from the tank for a portion of the year and during the dry season is hauled from a spring 1-1/2 miles distant.  
There are approximately 20 acres in cultivation.  
I saw no indications of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. This claim is joined on the SE. by H. E. S. No. 181 of John E. Palmer.  
Heber, Arizona, the nearest post office, is 4 miles dist. Holbrook, Arizona, the nearest railroad point and commercial center, is 45 miles dist. Both are reached by good roads.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W	
1-2	N. 89° 55' W.	20.00	0.03			20.00	
2-3	S. 20° 19' E.	17.86		16.75	6.20		
3-4	N. 89° 33' W.	15.01	0.12			15.01	
4-5	N. 11° 20' E.	27.77	27.76		0.65		
5-6	S. 89° 56' W.	32.43		0.04		32.43	
6-7	N. 25° 32' W.	22.01	19.86			9.49	
7-8	N. 25° 58' E.	21.27	19.12		9.31		
8-9	S. 40° 06' E.	41.49		31.74	26.72		
9-10	S. 75° 59' E.	35.13		8.51	34.08		
10-1	S. 0° 04' W.	9.89		9.89		0.01	
			242.86	66.89	66.93	76.96	76.94
				66.89	76.94		
Error in Lat. and Dep.				.04	.02		

Closing error, 1:5435.

Survey completed July 26, 1916.

*P. R. Johnson*

Surveyor - Draftsman

RESITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Direct Solar, July 25, 1916 at Cor. No. 1.

Lat. 34° 24' N., Long. 110° 34' 10" W. Elev. 6600 ft.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	8h. 17m. 31s.	89° 27' 00"	37° 18' 00"
Reversed	8h. 18m. 39s.	89° 55' 00"	36° 59' 30"
	8h. 18m. 05s.	89° 41' 00"	37° 08' 45"
			01' 01"
			<u>37° 07' 44"</u>

Decl., 19° 39' 04" N.

$$\text{Cos. Q.} = \frac{\sin. 19^\circ 39' 04''}{\cos. 34^\circ 24' \times \cos. 37^\circ 07' 44''}$$

$$\tan. 34^\circ 24' \times \tan. 37^\circ 07' 44''$$

$$\begin{aligned} \log. \sin. 19^\circ 39' 04'' &= 9.526716 \\ \log. \cos. 34^\circ 24' 00'' &= 9.916514 \\ \log. \cos. 37^\circ 07' 44'' &= 9.901611 \\ \hline &9.708591 = .51120 \end{aligned}$$

$$\begin{aligned} \log. \tan. 34^\circ 24' 00'' &= 9.835509 \\ \log. \tan. 37^\circ 07' 44'' &= 9.879146 \\ \hline &9.714655 = .51839 \end{aligned}$$

$$\text{Cos. Q.} = .00719$$

$$\text{Q.} = 89^\circ 35' 17''$$

Bearing of reference object, N. 0° 05' 43" E.

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NATIONAL FOREST

STATE OF

Chains

Direct solar, July 16, 1916 at Gar. No. 1.

Lat. 34° 24' 11" Long. 110° 34' 10" Elev. 6000 ft.

Telescope Direct 84.17m. 31s. 89° 57' 00" 37° 13' 00"

Reversed 84.18m. 32s. 89° 58' 00" 38° 53' 30"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

84.18m. 02s. 89° 41' 00" 37° 09' 00"

- 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.  
 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. 460, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		SOUTH.	DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	WEST.		EAST.	WEST.			
1-2	N. 89° 55' W.	20.00	0 03		16 75	6 20	20 00	120 16	3 60	
2-3	S. 20° 19' E.	17.86				0 65	15 01	106 36		1781 53
3-4	N. 89° 33' W.	15.01	0 12				97 55		11 71	
4-5	N. 1° 20' E.	27.77	27 76				83 19		2310 19	
5-6	S. 89° 56' W.	32.43		0 04			51 41			1 54
6-7	N. 25° 32' W.	22.01	19 96			9 31	9 49		188 47	
7-8	N. 25° 58' E.	21.27	19 12		31 74	26 72		9 31	178 01	
8-9	S. 40° 06' E.	41.49			8 51	34 08		45 33		1438 32
9-10	S. 75° 59' E.	35.13			9 89			106 11		901 94
10-1	S. 0° 04' W.	9.89			66 93	76 96	0 01	140 17	2691 98	1386 28
		242.86	66 89							5509 61
			66 90		66 90	76 94	76 94			2691 98
										2817 63
										140 88 Acres.
1-Tp.	North	0.20	0 20		TIE					
Tp.-Tp.	S. 61° 50' E.	45.00		21 24	39 67					
Tp.-U.S.L.M.	N. 83° 33' E.	21.38	2 40		21 24					
			2 60		21 24	60 91	0 00			
	S. 72° 52' 04" E	63.70		2 60	0 00					
				18 64	60 91					
								1.784 1.270 5.142 7.209		
								1.784 1.270 5.142 7.209	1.784686 4.980369 1.8041293 = 63.678	

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APPROVAL

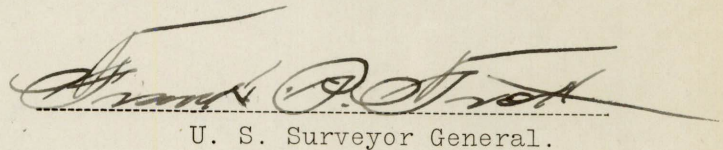
Office of the United States Surveyor General,

Phoenix, Arizona, May 22, 1918

The foregoing field notes of Homestead Entry Survey No.

460

executed by R. P. A. Johnson, Surveyor. Draftsman  
[Forest Service Title.]  
under his special instructions, dated April 17, 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.